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April 23, 2015

Mr. James Carlton Parker
Bureau of Corrective Actions
Nevada Division of Environmental Protection
2030 E. Flamingo Road, Suite 230
Las Vegas, NV 89119

Subject: Revised Project Summary and Data Usability Evaluation Submittal and Request for No Further Action Status Montrose Dichlorobenzil Warehouse Area, Henderson, Nevada

Dear Mr. Parker:

On behalf of the Montrose Chemical Corporation of California (Montrose), Geosyntec Consultants, Inc. (Geosyntec) is submitting to the Nevada Division of Environmental Protection (NDEP), the Revised Project Summary and Data Usability Evaluation Submittal and Request for No Further Action Status Montrose Dichlorobenzil Warehouse Area (Report). The prior version of this Report was submitted to NDEP on August 15, 2012, for which NDEP provided draft comments on November 14, 2014. These comments were discussed with NDEP during a conference call on December 30, 2014 and final NDEP comments were received on January 22, 2015. Based on these comments and subsequent discussion with NDEP, the Report has been revised and responses to NDEP's specific comments are detailed in the response-to-comments table provided as Attachment A to this letter.

Should you have any questions regarding this deliverable, please do not hesitate to call the undersigned. Thank you.

Sincerely,

Kyle L. Gadley, P.G., C.E.M.
Nevada C.E.M. 2342
Project Geologist

ATTACHMENTS

Attachment A - Response to NDEP Comments Table

MDP15-02_trns ltr

cc: JD Dotchin, NDEP (Las Vegas, NV) – Electronic Mail/Notification
BMI Compliance Coordinator – Hardcopy
NDEP, c/o Broadbent and Associates Henderson, NV) – Hardcopy
NERT, Jay Steinberg - Electronic Mail/Notification
Montrose, Paul Sundberg – CD + Electronic Mail/Notification
Montrose, Joe Kelly – CD + Electronic Mail/Notification
Latham & Watkins, LLP, Kelly Richardson – CD + Electronic Mail/Notification
Latham & Watkins, LLP, Joel Mack – CD + Electronic Mail/Notification
Basic Remediation Company, Mark Paris – Electronic Mail/Notification
Basic Remediation Company, Lee Faris – Electronic Mail/Notification
Basic Remediation Company, Ranajit Sahu – Electronic Mail/Notification
de maximis, Ed Modiano – Electronic Mail/Notification
AMPAC, Jeff Gibson - Electronic Mail/Notification
Olin Corporation, Curt Richards – Electronic Mail/Notification
Olin Corporation, Dave Share – Electronic Mail/Notification
PES Environmental, Inc., Nicholas Pogoncheff – Electronic Mail/Notification
Environ, Allan DeLorme - Electronic Mail/Notification
Environ, John Pekala - Electronic Mail/Notification
Syngenta Crop Protection, Inc., George Crouse – Electronic Mail/Notification
TIMET, Dick Pfarrer - Electronic Mail/Notification
WAPA, Enoe Marcum - Electronic Mail/Notification
Astrazeneka, Charles Elmendorf – Electronic Mail/Notification

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ATTACHMENT A
RESPONSE TO NDEP COMMENTS TABLE

Nevada Division of Environmental Protection Response to Comments on the *Data Usability Summary and Evaluation* *Former Dichlorobenzil Warehouse Site Assessment Area* *Henderson, Nevada* (Dated August 15, 2014; Received January 22, 2015)

NDEP Comment Number	Location or Drawing No.	NDEP Comment	Response
General Comments			
1	N/A	***Leaching Basic Comparison Levels (LBCL) DAF 20:*** *For screening purposes, it is recommended that comparison to LBCLs based on a DAF of 1 and 20 be provided for risk management decisions. Please include both for comparison.*	LBCLs with a DAF of 1are very conservative for two reasons. First, it is assumed that there is no dilution or attenuation between the soil's leachate and groundwater. Second, LBCLs are back-calculated from BCLs for residential water. However, as requested by NDEP, Tables 1, 2, 3, and 4 have been revised to show the LBCLs based on the DAF values of 1 and 20.
2	N/A	***Lack of Uncertainty Analysis Related to Data Quality Indicators and Rejected Data:*** *It is important to put into perspective the potential uncertainties associated with qualified data especially the potential for underestimation of chemical concentrations. For example, it was noted in the report that the matrix spike (MS) and matrix spike duplicate (MSD) for antimony and copper in 2009-2010 were low; therefore, the chemical concentrations may be underestimated.* *In addition, Sections 19.4 and 20 of Appendix C identify eight rejected results. It is important to discuss the implications of these rejected data (e.g., classes of compounds and effects to spatial coverage).*	An uncertainty analysis will be provided in Section 2 (Soil Analytical Results and Discussion).

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NDEP Comment Number	Location or Drawing No.	NDEP Comment	Response
Specific Comments			
4	Appendix A, Page 7, Section 2.3.4, 1st ¶, last sentence	*The author's use of the term "generally" is inappropriate for the purposes of justifying a No Further Action Determination. Comparison of site data to leaching based comparison levels (LBCLs) is conducted to evaluate whether a potential soil to groundwater pathway is complete. A discussion for each metal noted in this section is provided below.*	Each metal with an LBCL exceedance had already been compared to its respective background value in the prior sections of the text (Sections 2.3.1, 2.3.2, and 2.3.3). However, the following sentence "Again, these values are generally within the respective background ranges of the metals (Table G-1A in NDEP, 2007)" has been removed, and each of the metals that have a LBCL exceedance will be addressed separately. In addition, since the term "generally" was used in Appendix A, Page 6, Section 2.3.2 (RSLs), 1st paragraph, last sentence, revisions have been made to that section as well.
4	**Aluminum** Appendix A, Page 7, Section 2.3.4, 2nd sentence	*"…aluminum (with the LBCL of 1,500 mg/kg) ranged from 8,200 mg/kg to 12,000 mg/kg…" The report references only the soil data which can be "dismissed" by comparison to background of 15,300 mg/kg (Table G-1A in NDEP 2007). However, there is no discussion regarding the aluminum concentrations in FTF-21D (from the 2006 dataset, Table 1) all exceeding the LBCL. Comparison of the 10 ft bgs sample interval for FTF-21D (9,600 mg/kg) to shallow background could be made. The deeper sample intervals, 30 and 50 ft bgs; [sic] respectively, should be compared to the deep background concentrations. The deep background concentration*	In the submitted draft report, the background values from Table G-1A in NDEP (2007) for samples collected from all depths had been used. However, as requested by NDEP, those background values have not been used for samples collected deeper than 12 ft bgs. Geosyntec was not able to locate a 2008 Deep Soil Background Report by BRC. However, Geosyntec did locate Table 12 of the BRC (2010) Report, titled *Descriptive Summary Statistics for Background Metals and Radionuclides – Qal McCULLOUGH (Deep)*. The values provided by Table 12 in the BRC (2010) report will be used as the background ranges for samples collected deeper than 12 ft bgs.

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		of 15,100mg/kg (BRC 2008) provides no relief as the 30 and 50 ft bgs sample results exceed their respective background as well. The report should include a discussion of these instances where LBCLs (and / or background) have been exceeded and provide a rationale for dismissal from further consideration. The LBCL discussion is not adequately developed as regards pathway analysis [sic] for aluminum.	The following sentences have been added to Section 2.3.4: "The two highest aluminum concentrations detected at FTF-21D, 17,420 mg/kg and 21,440 mg/kg, were detected in deep soils at depths of 30 and 50 ft bgs, respectively (Hargis, 2007). These aluminum concentrations are the same order of magnitude as the maximum deep background level of 15,100 mg/kg (Table 12 in BRC, 2010). In addition, these sample depths and the anticipated depth to groundwater (Hargis, 2013) are considered inaccessible for direct human contact."
4	**Arsenic** Appendix A, Page 7, Section 2.3.4 LBCLs, 2nd sentence	*"…arsenic (with the LBCL of 20 mg/kg) ranged from 2.5 mg/kg to 5.6 mg/kg…" The statement as written is incorrect because the range of arsenic values noted is compiled from Table 4 (the 2009 dataset) which does not exceed the LBCL (5.6 does not exceed 20). However, the arsenic concentration in FTF-21D (from the 2006 dataset, Table 1) of 28 mg/kg does exceed the LBCL. This result was reported in the 50 ft bgs sample interval of FTF-21D. Based upon the anticipated depth to groundwater at sample location FTF-21D (Hargis 2013), this sample interval is likely within the vadose zone of known impacted shallow groundwater. The LBCL discussion is not adequately developed as regards pathway [sic] analysis for arsenic.*	The following phrase has been deleted "arsenic (with the LBCL of 20 mg/kg) ranged from 2.5 mg/kg to 5.6 mg/kg". The following sentences have been added to Section 2.3.4: "Arsenic (the $LBCL_{DAF=20}$ is 20 mg/kg) was detected at a concentration of 28.1 mg/kg at sample location FTF-21D at 50 ft bgs (Hargis, 2007). This arsenic concentration is considered to be within the range of background levels detected during previous investigations in the vicinity of the Site, which indicate arsenic concentrations ranging between non-detectable to in excess of 500 mg/kg (Table G-1A in NDEP, 2007 and CH2MHill, 2006)."

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4	**Iron**	*In the case of iron, the authors report shallow soil results ranging from 10,000 to 28,000 exceed the LBCL (DAF20) of 151 mg/kg. The iron background level for shallow soils is 19,700 (Table G-1A NDEP 2007). In cases where background exceeds the LBCL, screening should be against background. For iron, 22 results exceed the shallow soil background level as well. The report is silent on this issue but should note these.*	The following sentences have been added to Section 2.3.4: "This range of iron concentrations overlaps the range of background levels of up to 19,700 mg/kg (Table G-1A in NDEP, 2007). However, the concentrations do not increase with depth in every sample; this suggests a likely incomplete pathway for leaching to groundwater."
		Additionally, there is no discussion regarding the iron concentrations in FTF-21D (from the 2006 dataset; Table 1) ranging from 14,000 to 17,000 mg/kg all exceeding the LBCL. It should be noted that these instances could be addressed by comparison to deep background as iron in deep soil is 22,500 mg/kg (BRC 2008).	The following sentences have been added to Section 2.3.4: "The iron concentrations detected at FTF-21D, 13,910 mg/kg, 14,740 mg/kg and 17,420 mg/kg, were detected at depths of 10, 30 and 50 ft bgs, respectively (Hargis, 2007). The concentration at 10 ft bgs is considered to be within the range of background levels of up to 19,700 mg/kg (Table G-1A in NDEP, 2007), and the concentrations at the deeper depths are considered to be within the range of deep background levels of up to 22,500 mg/kg (Table 12 in BRC, 2010)."
		Further development of a site-specific LBCL value (rather than the generic value of 151 mg/kg) or rationale for a different (higher) dilution attenuation factor is perhaps appropriate means by which the shallow soil exceedances can be addressed. The LBCL discussion is not adequately developed as regards pathway [sic] analysis for iron.	It had been intended for the $LBCL_{DAF=20}$ value to be site-specific. However, as requested in General Comment #1, LBCLs based on the DAF values of 1 and 20 will be shown in text and tables.

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4	**Magnesium**	*There is one instance where magnesium exceeds its respective LBCL (19,500 mg/kg) in sample SB-16 in the 0.5 ft bgs sample interval. Because shallow background levels for magnesium is 17,500 mg/kg there is no relief. However, evaluation of the 3 ft bgs sample result for SB-16 of 13,000J mg/kg (decreasing concentrations at depth) suggests an unlikely complete pathway for leaching to groundwater. The report is also silent on this issue. For transparency, the report should be revised to address this issue.* *Additionally, there is no discussion regarding the magnesium concentrations in FTF-21D (from the 2006 dataset, Table 1) ranging from 28,000 to 31,000 mg/kg (at 30 and 50 ft bgs, respectively) exceeding the LBCL. The deep background concentration for magnesium is 12,500mg/kg (BRC, 2008) providing no relief. The LBCL discussion is not adequately developed as regards pathway [sic] analysis for magnesium.*	The following sentences have been added to Section 2.3.4: "Magnesium (the $LBCL_{DAF=20}$ is 19,500 mg/kg) was detected at a concentration of 20,000 mg/kg at sample location SB-16 at 0.5 ft bgs. Magnesium was also detected at this same sample location at a depth of 3 ft bgs, but at the lower concentration of 13,000 mg/kg. Since the concentrations do not increase with depth, this suggests a likely incomplete pathway for leaching to groundwater." The following sentences have been added to Section 2.3.4: "The two highest magnesium concentrations detected at FTF-21D, 28,140 mg/kg and 30,820 mg/kg, were detected in deep soils at depths of 30 and 50 ft bgs, respectively (Hargis, 2007). These magnesium concentrations are within the same order of magnitude as the LBCL, which was calculated from the BCL for residential tap water, even though the groundwater in the Study Area is not considered potable. In addition, these sample depths and the anticipated depth to groundwater (Hargis, 2013) are considered inaccessible for direct human contact."
4	**Manganese** Appendix A, Page 7, Section 2.3.4, 2nd Paragraph, 1st sentence	*"Manganese (with LBCL of 26.1 mg/kg) concentrations ranged from 240 mg/kg to 500 mg/kg in the shallow soil samples (0.5 ft and 0 ft bgs)." The report notes manganese concentrations exceeded the LBCL but provides no discussion as to why this is not*	Please refer to the response to Appendix A, Page 7, Section 2.3.4, 1st ¶, last sentence. The following sentences have been added to Section 2.3.4: "This range of manganese concentrations is considered to be within the range of background levels of up to 1,090 mg/kg

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		a concern. A simple comparison to background manganese concentration of 1,090 mg/kg would be sufficient address [sic] this issue.	(Table G-1A in NDEP, 2007)."
5	Appendix A, Page 7, Section 2.3.4, 2nd Paragraph, 3rd sentence	*Additionally, Appendix A, Page 7, Section 2.3.4, 2nd Paragraph, 3rd sentence states, "These manganese concentrations are below its BCL of 100,000 mg/kg."*	The reference to the BCL for Manganese has been removed. Concentrations that exceed their respective LBCLs will be compared to the appropriate background levels. The following sentences have been added to Section 2.3.4: "The two highest manganese concentrations detected at FTF-21D, 278 mg/kg and 469 mg/kg, were detected at depths of 10 and 50 ft bgs, respectively (Hargis, 2007). The concentration at 10 ft bgs is considered to be within the range of background levels of up to 1,090 mg/kg (Table G-1A in NDEP, 2007), and the concentration at 50 ft bgs is considered to be within the range of deep background levels of up to 579 mg/kg (Table 12 in BRC, 2010)."
6	Appendix A, Page 5, Section 2.3.1, 1st sentence	*A review of Table 1 indicates potassium (as well as arsenic and phosphorus) exceeds the BCL of 22.7 mg/kg in all depths at sample location FTF-21D. The NDEP recommends evaluating sample results from depths greater than 10 ft bgs against deep background levels and leaching-based screening levels.*	According to NDEP's BCL worksheet, there is no BCL provided for Potassium. The value of 22.7 has been removed as Potassium's BCL value in Table 1.

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7	Appendix A, Page 6, Section 2.3.2, First sentence,	*"Metals were not detected in soil at concentrations above their respective RSLs for the industrial scenario, with the arsenic and phosphorus (Table 1, Table 3, and Figure 6)."* *(1) insert phrase "exception of" between "the" and "arsenic",* *(2) change reference from Table 3 to Table 4.*	The following sentences "Metals were not detected in soil at concentrations above their respective RSLs for the industrial scenario, with the arsenic and phosphorus (Table 1, Table 3 and Figure 6)" have been replaced with "Metals were not detected in soil at concentrations above their respective RSLs for the industrial scenario, with the exception of arsenic and phosphorus (Table 1, Table 4 and Figure 6)".
8	Appendix A, Page 6, Section 2.3.3, 2nd Paragraph, 1st sentence	*Review of Table 3 reports aluminum result for 34 shallow soil samples in addition to 3 duplicates.* *Additionally, the 3rd and 4th paragraphs for iron and magnesium, respectively, reference the incorrect number of total samples.*	Comment noted. The number of shallow soil samples for aluminum, iron, and magnesium samples has been revised to 34.

Prepared for:

Montrose Chemical Corporation of California
Bainbridge Island, Washington

DATA USABILITY EVALUATION
FORMER DICHLOROBENZIL WAREHOUSE
SITE ASSESSMENT AREA
HENDERSON, NEVADA

Prepared by:

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engineers | scientists | innovators

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Project Number: HW0989J

April 23, 2015

Geosyntec consultants

Data Usability Evaluation
Former Dichlorobenzil Warehouse Assessment Area
Henderson, Nevada

Jurat

April 23, 2015

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession, and to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

Kyle L. Gadley, P.G., C.E.M.
Nevada C.E.M. 2342, Expires 20 September 2016
Project Geologist
Geosyntec Consultants, Inc.

The services provided for this effort included data compilation, data evaluation and preparation of this data usability evaluation.

Geosyntec consultants

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Figure 1: Former Dichlorobenzil Warehouse Area, Site Assessment Area

LIST OF APPENDICES

Appendix A: Revised Data Summary and Evaluation Report for Shallow Soil at the Former Dichlorobenzil Warehouse Area

Appendix B: Data Usability Evaluation

Appendix C: Data Validation and Laboratory Reports – Hargis

Appendix D: Data Validation and Laboratory Reports – PES

Appendix E: Data Validation and Laboratory Reports – Geosyntec

Appendix F: Data Quality Assessment Tables

1. INTRODUCTION

United States Environmental Protection Agency (EPA) guidance stresses the importance of providing an in-depth analysis of uncertainties so that risk managers are better informed when evaluating risk management conclusions [EPA, 1989]. In accordance with EPA guidance, a Data Usability Evaluation (DUE) was completed for the analytical data collected at the former Dichlorobenzil Warehouse (DCB Warehouse) Site Assessment Area (Site). Data are considered usable as long as the data are valid and any uncertainty in the data and its potential impact on future site evaluation are explored.

1.1 Background

The DCB Warehouse is located in an unincorporated area of Clark County and is surrounded by the City of Henderson, Nevada. As shown on **Figure 1**, the area is located to the east of the former Montrose Closed Ponds Area (CPA) in the southern portion of the Black Mountain Industrial (BMI) Complex that is currently owned by the Olin Corporation, Inc. (Olin).

The DCB Warehouse was utilized by Montrose solely for shipping, receiving, and storage of packaged dichlorobenzil (DCB) and dichlorodiphenyltrichloroethane (DDT). Processing of these materials occurred at the nearby Former Plant Site (FPS) located north of the DCB Warehouse and transportation to and from the FPS was accomplished by trucks and forklifts.

The DCB Warehouse was demolished between late 1983 and early 1984 as part of the decommissioning of the organic chemical manufacturing operations [Converse, 1993]. The post-demolition graded area shown on Figure B-1 comprises of approximately 11 acres and defines the extent of the Site. This boundary is based on the possibility that a hypothetical chemical spill occurred as part of the operation of the warehouse and was dispersed within the area by soil grading conducted as part of the demolition process.

1.2 Previous Investigations

Several investigations have been conducted to characterize environmental conditions at the Site.

The first investigation, conducted in 2006 [Hargis, 2008], consisted of the placement of one reconnaissance soil boring (FTF-21D) northwest of the former DCB Warehouse (Figure 1). Soil samples were collected at 10 foot intervals (beginning at 10 feet below ground surface [ft bgs]) to a depth of 50 ft bgs and analyzed for aldehydes, inorganics,

organic acids, polychlorinated biphenyls (PCBs), pesticides, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs).

The second investigation was conducted as part of Site-wide shallow soils sampling program conducted in 2007 [PES Environmental, Inc., 2008] for the former Stauffer Chemical Facility Environmental Conditions Investigation (ECI) program. As part of this investigation, one surface sample (SS-EC-024) was collected from the northern portion of the study area (Figure 4) and analyzed for pesticides.

In a letter dated August 27, 2009, Nevada Division of Environmental Protection (NDEP) recommended additional surface and "near-surface" (shallow) soil samples be collected to supplement the data collected during the two previous investigations [NDEP, 2009]. The third soil investigation, conducted in 2009 and 2010, consisted of collecting surface and shallow (3 ft bgs) soil samples, which were analyzed for DCB, inorganics, pesticides, and asbestos [Geosyntec, 2012].

A summary of the operational history of the DCB Warehouse and data collected in the vicinity of the former DCB Warehouse are included as **Appendix A**.

1.3 Report Organization

The remainder of this Report is organized into the following sections:

- Section 2, Data Usability Evaluation;
- Section 3, Data Usability Evaluation Results;
- Section 4, Data Quality Assessment; and
- Section 5, Data Quality Assessment Results.

References, tables, figures, and appendices are included at the end of the text.

2. DATA USABILITY EVALUATION

2.1 General

Environmental samples were collected and analyzed by a certified analytical laboratory appropriate to the data needs of the site investigation. The Laboratories performing analytical analyses were capable of determining concentrations of the target analytes. Analytical methods were selected such that data quality objectives of the site investigation were met (e.g., acceptable detection limits). Laboratory analytical results were subjected to 100 percent data validation. Rejected ("R"-qualified) data were excluded from further analysis.

2.2 Methodology

Summary statistics were calculated for reported laboratory analytical data to identify potential data quality issues. Summary statistics, including frequency of detection, range of detection limits, and minimum, median, mean, and maximum detected concentrations, are included for each constituent in Table B-2 of Appendix B. Box-and-whisker plots were created for constituents with at least one detected value. These plots, which visually depict potential statistical outliers, are provided as figures within Appendix B. Formal statistical outlier tests were conducted using EPA's ProUCL statistical software (Version 4.1.00, http://www.epa.gov/osp/hstl/tsc/software.htm), which was developed for use on environmental data sets that may include nondetect observations. Datasets containing 25 or fewer data points utilized Dixon's test to detect potential statistical outliers and Rosner's test was applied to datasets containing greater than 25 data points.

To provide context for the analytical results presented herein, NDEP's BCLs are provided in the tables and on figures. NDEP guidance states that "The BCL Table contains current human health toxicity values that are combined with standard exposure factors to estimate contaminant concentrations in environmental media…that are considered by NDEP to be protective of human exposures…over a lifetime." However, as also stated in NDEP guidance [NDEP 2012b], "Exceedance of a BCL does not automatically designate the site as needing a response action."

The BCL table does not represent action levels or final cleanup levels, but rather is used as a technical screening tool that provides risk-based concentrations that are considered protective of human health, within the limitations described in the guidance [NDEP, 2013b]. The BCLs help to evaluate data usability, determine extent of impacts, identify chemicals of potential concern (COPCs), and identify if further action may be warranted.

To provide further context for the analytical results presented herein, EPA Region 9 Regional Screening Levels (RSLs) are also provided in the tables and on figures. RSLs represent concentrations of chemicals in the relevant environmental media (e.g., soil and soil vapor) that would be considered appropriate (i.e., below thresholds of concern for potential risks to human health) for land uses under health-protective exposure conditions. Exposure routes considered in the development of soil RSLs included incidental ingestion of soil, dermal contact with soil, and inhalation of particulates/vapors from soil. For the purposes of this assessment, industrial soil RSLs are also included on the box-and-whisker plots for reference. Comparing Site data to the RSLs also provides an additional tool for further evaluating adequacy of the analytical methods and usability of the data.

Data provided by the laboratory were reported as wet-weight soil concentrations (Table B-2b); however, data are reported in dry-weight in Table B-2a. An NDEP-approved conversion [Geosyntec, 2011; NDEP, 2011] was applied to account for moisture content in surface and subsurface soils to correct the laboratory reported soil concentration as follows:

- soil concentrations collected from 0 to 20 ft bgs were increased by 7%; and
- soil concentrations collected from greater than 20 ft bgs were increased by 34%.

During data collection, field duplicate samples were collected at several of the sampling locations. Before data analysis was conducted, duplicate samples were processed as summarized below.

- If a constituent was detected in both samples, the higher concentration was used;
- If a constituent was detected in one sample but not the other, the detected concentration was used; and
- If a constituent was not detected in either sample, the lowest Sample Quantitation Limit (SQL) was used and appropriate techniques for handling non-detect values were applied in calculating summary statistics in the data evaluation.

The DUE presented as Appendix B is formatted in accordance with the examples provided in Supplemental Guidance for Assessing Data Usability for Environmental Investigations at the BMI Complex and Common Area in Henderson, Nevada dated September 1, 2010 [NDEP, 2010]. The results of the evaluation are organized in

tabular format by DUE criteria [NDEP, 2010]. This summary table is supported by additional tables and figures listed in NDEP guidance. These supporting elements are described below, with a reference to the relevant citation within the DUE guidance [NDEP, 2010].

- Table B-1 – lists the samples collected, including depth information, at locations shown in Figure 1, as requested in Criterion II of the DUE guidance.
- Table B-2a – is a data summary table for soil reported in dry weight as requested in Criterion II of the DUE guidance. This table provides additional summary statistics in the far right columns as requested on page 11 of the DUE guidance.
- Table B-2b – is a data summary table for soil presented in wet weight as it was originally reported by the laboratory.
- Figure B-1 – is a comprehensive sample location figure as requested in Criterion II of the DUE guidance.
- Figure B-2 – is a spatial data plot for soil samples including GIS images with overlays showing the analyses performed at each sample location and depth as requested on page 12 of the DUE guidance.
- Figure B-3 – presents simple box and whisker plots for soil sample analytical results using different symbols for detected and non-detect outliers as requested on page 12 of the DUE guidance.

3. DATA USABILITY EVALUATION RESULTS

Datasets for the constituents are illustrated in box plots which are often used in exploratory data analysis, summarizing a set of data measured on an interval scale. This type of graph shows the shape of the distribution, central value (median), and spread or distribution of the data (interquartile range). Box plots are also useful in representing any unusual observations (outliers) in the dataset.

NDEP soil BCLs are presented on these figures for comparison to Site data per NDEP's request. As described in Section 2.2, BCLs and RSLs are similarly developed using human health toxicity values combined with standard exposure factors to estimate contaminant concentrations in soil that are considered to be protective of potential human exposures. Exceedances of BCLs or RSLs do not indicate that an unacceptable health risk exists. Rather, exceedances of BCLs or RSLs indicate the need for further evaluation of the Site data.

At this Site, no analyte concentrations detected in soil exceed a BCL or a RSL; thus, no further evaluation of potential risks for these analytes is warranted.

Potential statistical outliers were evaluated quantitatively using Dixon's and Rosner's tests and visually by graphical techniques. Generally, a potential statistical outlier is an unusual or unexpected occurrence in a given dataset. In each case, the underlying dataset was evaluated graphically and consideration given to the magnitude of the potential outlier relative to sampling distributions encountered in environmental datasets.

The following discussion relates specifically to those datasets with potential statistical outliers. In datasets where greater than 50% of the measurements are nondetects, there is a degree of uncertainty associated with estimates of the statistical distribution; however, mean and standard deviation were calculated and reported along with the maximum concentration. Potential statistical outliers were evaluated in datasets reporting two or more detected values.

The potential outliers identified below, while triggering statistical results, were nonetheless deemed plausible environmental concentration data consistent with the CSM. It should be noted that formal statistical procedures often trigger outliers. However, deviation from theoretical or expected distributions is not uncommon with environmental datasets that include biased sampling and non-normal contaminant distributions, especially when the analysis is repeated over a large number of chemicals. In addition, the modification of laboratory results to adjust reported concentrations from wet-weight to dry-weight may have led to higher variability and consequently a higher number of statistical outliers reported using formal statistical tests.

Inorganic constituents with potential statistical outliers are identified in the table below. The mean, standard deviation, and maximum concentrations are reported in the table below in units of milligrams per kilogram (mg/kg).

Inorganic Compound	Average (mg/kg)	Standard Deviation (mg/kg)	Maximum Detected Value (mg/kg)
Aluminum	1.09E+04	2.34E+03	2.14E+04
Arsenic	4.57E+00	4.65E+00	2.81E+01
Barium	1.99E+02	6.52E+01	4.71E+02
Beryllium	5.96E-01	1.79E-01	1.47E+00
Chromium	1.12E+01	6.02E+00	4.42E+01
Cobalt	6.78E+00	1.49E+00	1.28E+01
Lead	9.57E+00	2.63E+00	2.03E+01
Magnesium	1.15E+04	4.96E+03	3.08E+04
Molybdenum	3.36E-01	1.64E-01	8.35E-01
Sulfur	1.58E+02	3.87E+02	2.16E+03
Vanadium	2.85E+01	6.96E+00	5.90E+01
Zinc	3.56E+01	1.20E+01	9.31E+01

Pesticide constituents with potential statistical outliers are identified in the table below. The mean, standard deviation, and maximum concentrations are reported in the table below in units of mg/kg.

Pesticide	Average (mg/kg)	Standard Deviation (mg/kg)	Maximum Detected Value (mg/kg)
2,4'-DDD	1.70E-03	3.21E-04	3.21E-03
2,4'-DDE	1.19E-02	3.70E-02	2.14E-01
2,4'-DDT	7.21E-03	1.62E-02	6.63E-02
4,4'-DDD	2.27E-03	1.97E-03	1.18E-02
4,4'-DDE	1.10E-01	3.71E-01	2.25E+00
4,4'-DDT	5.72E-02	1.36E-01	5.78E-01
Aldrin	1.74E-03	7.31E-04	6.10E-03
alpha-BHC	1.83E-03	7.82E-04	6.10E-03
beta-BHC	8.54E-02	1.54E-01	8.13E-01
Chlordane	1.37E-02	1.73E-02	1.18E-01
delta-BHC	1.74E-03	7.31E-04	6.10E-03

Pesticide	Average (mg/kg)	Standard Deviation (mg/kg)	Maximum Detected Value (mg/kg)
Dieldrin	1.89E-03	1.65E-03	1.18E-02
Endosulfan I	1.74E-03	7.31E-04	6.10E-03
Endosulfan II	1.99E-03	1.68E-03	1.18E-02
Endrin	1.99E-03	1.68E-03	1.18E-02
Endrin aldehyde	2.20E-03	3.56E-03	2.35E-02
Endrin ketone	2.73E-03	3.47E-03	2.35E-02
gamma-BHC (Lindane)	1.74E-03	7.31E-04	6.10E-03
Heptachlor	2.27E-03	6.49E-04	6.10E-03
Heptachlor epoxide	2.27E-03	6.49E-04	6.10E-03
Methoxychlor	3.34E-03	9.62E-03	6.10E-02
Toxaphene	7.13E-02	9.04E-02	6.10E-01

Volatile organic compounds with potential statistical outliers are identified in the table below. The mean, standard deviation, and maximum concentrations are also reported in the table below in units of mg/kg.

Volatile Organic Compound	Average (mg/kg)	Standard Deviation (mg/kg)	Maximum Detected Value (mg/kg)
1,1,1,2-Tetrachloroethane	8.62E-04	6.61E-05	9.78E-04
1,1,1-Trichloroethane	1.06E-03	8.39E-05	1.21E-03
1,1,2-Trichloroethane	1.32E-03	8.61E-05	1.47E-03
1,1-Dichloroethane	7.55E-04	5.88E-05	8.58E-04
1,1-Dichloroethene	9.09E-04	6.99E-05	1.03E-03
1,1-Dichloropropene	6.04E-04	4.56E-05	6.83E-04
1,2-Dibromoethane (EDB)	1.21E-03	7.24E-05	1.34E-03
1,2-Dichlorobenzene	1.41E-03	1.11E-04	1.61E-03
1,2-Dichloroethane	1.21E-03	7.24E-05	1.34E-03
1,3,5-Trimethylbenzene	9.53E-04	7.51E-05	1.09E-03
1,3-Dichloropropane	9.53E-04	7.51E-05	1.09E-03
2,2-Dichloropropane	6.82E-04	5.43E-05	7.77E-04
2-Butanone (MEK)	9.09E-03	6.99E-04	1.03E-02
2-Chlorotoluene	1.32E-03	8.61E-05	1.47E-03
4-Chlorotoluene	1.11E-03	9.10E-05	1.27E-03

Volatile Organic Compound	Average (mg/kg)	Standard Deviation (mg/kg)	Maximum Detected Value (mg/kg)
4-Methyl-2-pentanone (MIBK)	4.82E-03	3.89E-04	5.49E-03
Benzene	7.55E-04	5.88E-05	8.58E-04
Bromochloromethane	1.36E-03	1.38E-04	1.61E-03
Bromodichloromethane	6.35E-04	5.01E-05	7.24E-04
Carbon tetrachloride	7.55E-04	5.88E-05	8.58E-04
Chlorobenzene	7.87E-04	6.32E-05	8.98E-04
Chloroform	7.55E-04	5.88E-05	8.58E-04
cis-1,2-Dichloroethene	1.25E-03	1.25E-04	1.47E-03
Dibromomethane	1.36E-03	1.38E-04	1.61E-03
Ethylbenzene	7.55E-04	5.88E-05	8.58E-04
Hexachlorobutadiene	1.10E-03	8.91E-05	1.26E-03
Isopropylbenzene	8.14E-04	6.27E-05	9.25E-04
m,p-Xylenes	1.21E-03	7.24E-05	1.34E-03
Methylene chloride	9.85E-03	8.06E-04	1.13E-02
Naphthalene	1.66E-03	1.21E-04	1.88E-03
n-Butylbenzene	1.09E-03	9.04E-05	1.25E-03
n-Propylbenzene	9.21E-04	7.06E-05	1.05E-03
o-Xylene	7.55E-04	5.88E-05	8.58E-04
p-Isopropyltoluene	1.09E-03	9.04E-05	1.25E-03
sec-Butylbenzene	1.01E-03	8.00E-05	1.15E-03
Styrene	8.77E-04	7.26E-05	1.01E-03
Tentatively Identified Compounds	3.05E-01	2.44E-02	3.48E-01
tert-Butylbenzene	9.36E-04	7.72E-05	1.07E-03
Tetrachloroethene	7.41E-04	5.90E-05	8.44E-04
trans-1,2-Dichloroethene	1.06E-03	8.39E-05	1.21E-03
trans-1,3-Dichloropropene	9.21E-04	7.06E-05	1.05E-03
Trichloroethene	7.55E-04	5.88E-05	8.58E-04
Trichlorofluoromethane	8.14E-04	6.27E-05	9.25E-04

Conclusions

Based on an evaluation of the analytical methods, laboratory results, internal laboratory Quality Assurance/Quality Control (QA/QC) measures, and Geosyntec's QA/QC measures, the laboratory data are usable for meeting project objectives. It is noted that qualified data should be considered for use within the limitations of the qualifications.

4. DATA QUALITY ASSESSMENT

4.1 General

The dataset used for the Data Usability Evaluation was also used for the Data Quality Assessment (DQA). Soil results in both dry-weight and wet-weight concentrations were used in this analysis.

4.2 Methodology

The intent of the data quality assessment is to conduct a scientific and statistical evaluation for every chemical compound to evaluate the appropriate sample size under which enough samples have been collected (based on risk-based decision error tolerances). The three decision error tolerance input parameters are Type I error tolerance, Type II error tolerances and the difference between the risk-based threshold level and the point at which Type II error tolerance is specified. The risk-based threshold value applied in this analysis was the residential BCL value [NDEP, 2013], the RSLs, or the maximum Basic Remediation Company (BRC)\Titanium Metals Corporation (TIMET)\Environ McCullough Range Background Soil Sample concentration from Table G-6A of NDEP [2007].

Code written in the R language was provided by Neptune [2013] in order to calculate the appropriate sample sizes for each chemical compound based on combinations of the decision error tolerance parameters, including:

- Type I error tolerances (α) at 5, 10, and 15 percent;
- Type II error tolerances (β) at 15, 20, and 25 percent; and,
- The difference between the threshold level and the point at which Type II error tolerance is specified (δ) at 10, 20, and 30 percent of the threshold level.

5. DATA QUALITY ASSESSMENT RESULTS

The DQA tables presented as Appendix F are formatted similarly to the recommended reporting table example provided in Montrose DQA example and R code provided by NDEP [Neptune, 2013].

The most conservative combination of decision error tolerance input parameters is α at 5%, β at 15%, and δ at 10%. The sample size corresponding to this combination of decision error tolerance input parameters was compared to the actual sample size for each chemical compound. Of the 254 compounds, 247 compounds had a sample size that was greater than or equal to the sample size corresponding to the most conservative combination of decision error tolerance input parameters for both dry-weight and wet-weight concentrations.

Of the seven remaining compounds, five compounds had sample sizes that were greater than or equal to sample sizes from at least one combination of decision error tolerance input parameters for both dry-weight and wet-weight concentrations.

- Dibenz(a,h)anthracene had a sample size of three, which was larger and/or equal to:
  - the sample sizes calculated for wet weight; and,
  - the sample sizes calculated for dry weight corresponding to δ at 20% and 30%.
- N-Nitroso-di-n-propylamine had a sample size of three, which was larger and/or equal to:
  - the sample sizes calculated for wet weight; and,
  - the sample sizes calculated for dry weight corresponding to δ at 20% and 30%, and the (α,β,δ) combinations of (15,20,10) and (15,25,10).
- Chromium had a sample size of 37, which was larger and/or equal to:
  - the sample sizes calculated for wet weight corresponding to δ at 20% and 30%, δ at 10% and α at 15%, and the (α,β,δ) combinations of (10,20,10) and (10,25,10); and,
  - the sample sizes calculated for dry weight corresponding to δ at 20% and 30%.
- Lithium had a sample size of three, which was larger and/or equal to:
  - the sample sizes calculated for wet weight corresponding to δ at 30%, δ at 20% and α at 15%, and the (α,β,δ) combinations of (10,20,20) and (10,25,20); and,

- the sample sizes calculated for dry weight corresponding to δ at 30% and α at 15%, and the (α,β,δ) combinations of (10,20,30) and (10,25,30).

- Sodium had a sample size of 37, which was larger and/or equal to:
  - the sample sizes calculated for wet weight corresponding to δ at 20% and 30%, and the (α,β,δ) combinations of (15,25,10); and,
  - the sample sizes calculated for dry weight corresponding to δ at 20% and 30%.

N-Nitrosodimethylamine had a sample size of 3, which was larger than and/or equal to the sample sizes calculated for wet-weight concentrations but not for dry-weight concentrations. For dry-weight concentrations, the least conservative decision error tolerance input parameter combination of α at 5%, β at 15%, and δ at 10% corresponded to a sample size of 5; however, N-Nitrosodimethylamine was not detected in any of its three samples. Furthermore, it is not a Site-related COPC.

Chloride had a sample size of 3, which was smaller than the sample sizes calculated for wet-weight concentrations and dry-weight concentrations. For wet-weight concentrations, the least conservative decision error tolerance input parameter combination of α at 5%, β at 15%, and δ at 10% corresponded to a sample size of 8. For dry-weight concentrations, the least conservative decision error tolerance input parameter combination of α at 5%, β at 15%, and δ at 10% corresponded to a sample size of 14; however, chloride is not a chemical of human health concern.

Conclusion

Based on the DQA analysis, there are a sufficient number of samples at the former DCB Warehouse for each sampled chemical compound of concern.

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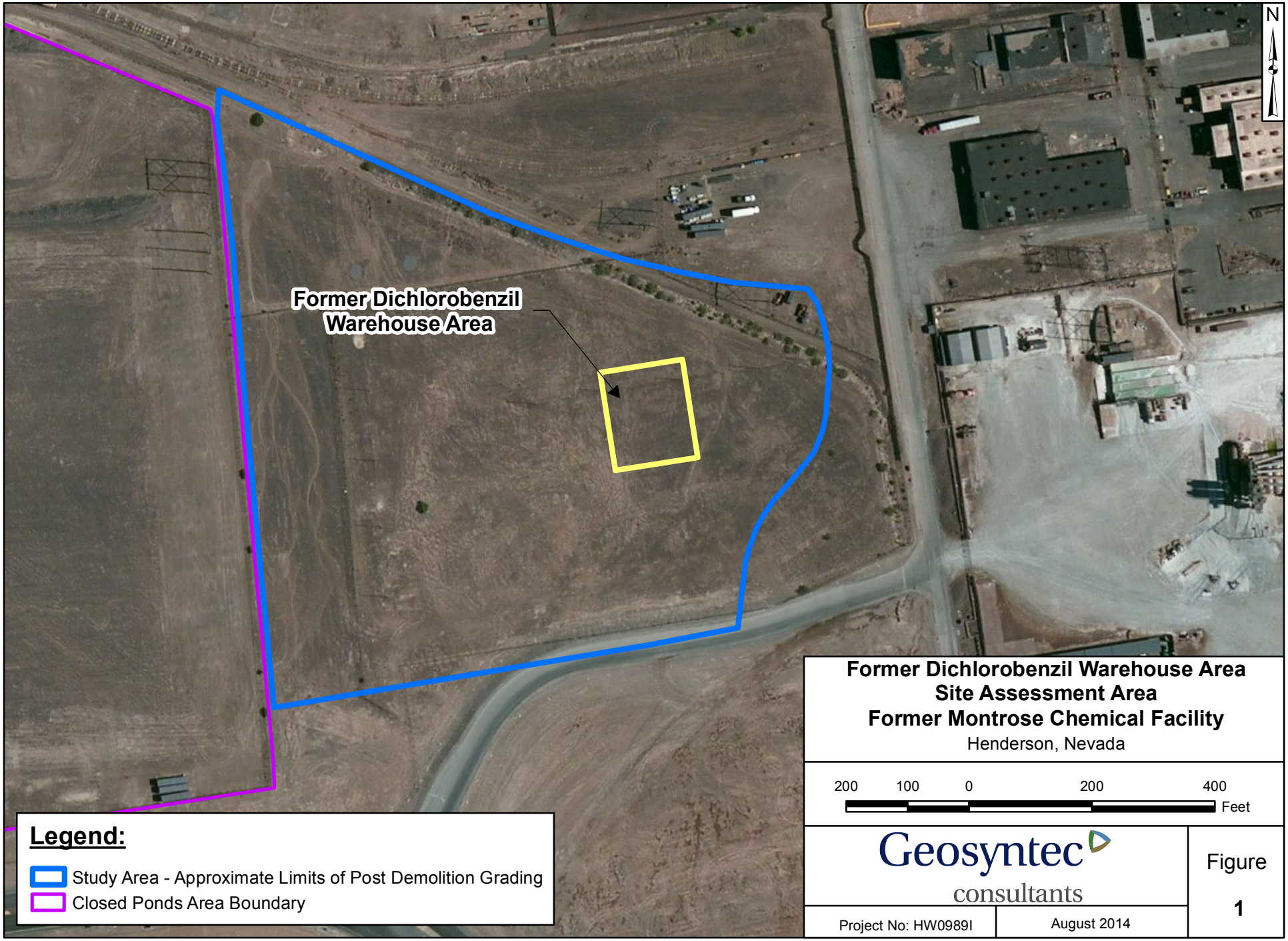
FIGURES



Former Dichlorobenzil Warehouse Area
Site Assessment Area
Former Montrose Chemical Facility
Henderson, Nevada

200 100 0 200 400 Feet

Geosyntec consultants

Figure 1

Project No: HW0989I

August 2014

G:\GIS\HW0934\Projects\DCB Warehouse\2014\SiteBoundary.mxd lv 8/13/2014

Geosyntec consultants

APPENDIX A

REVISED DATA SUMMARY AND EVALUATION REPORT FOR SHALLOW SOIL AT THE FORMER DICHLOROBENZIL WAREHOUSE AREA

Prepared for:

Montrose Chemical Corporation of California
Bainbridge Island, Washington

Revised Data Summary and Evaluation Former Dichlorobenzil Warehouse Site Assessment Area

Henderson, Nevada

Prepared by:

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Project Number: HW0989J

April 23, 2015

Geosyntec consultants

Revised Data Summary and Evaluation
Former Dichlorobenzil Warehouse
Site Assessment Area

Henderson, Nevada

Jurat

April 23, 2015

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable federal, state and local statutes, regulations and ordinances.

Kyle L. Gadley, C.E.M.
Nevada C.E.M. 2342, Expires 20 September 2016
Project Geologist
Geosyntec Consultants, Inc.

The services provided included data compilation, data evaluation and preparation of this report.

Geosyntec consultants

Revised Data Summary and Evaluation
Former Dichlorobenzil Warehouse
Site Assessment Area

Henderson, Nevada

April 23, 2015

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LIST OF ACRONYMS AND ABBREVATIONS

BCLs	Basic Comparison Levels
beta-BHC	β-hexachlorocyclohexane
COPC	Chemicals of Potential Concern
CPA	former Montrose Closed Ponds Area
DAF	Dilution Attenuation Factor
DCB	Dichlorobenzil
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
EPA	United States Environmental Protection Agency
ECI	Environmental Conditions Investigation
ft bgs	feet below ground surface
FPS	Former Plant Site
Geosyntec	Geosyntec Consultants, Inc.
LBCL	Leaching-Based Basic Comparison Levels
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
Montrose	Montrose Chemical Corporation of California
mg/kg	milligrams per kilogram
NDEP	Nevada Division of Environmental Protection
NFA	No Further Action
OCPs	Organochlorine Pesticides
PCBs	Polychlorinated Biphenyls
QC	Quality Control
RSLs	EPA Region 9 Regional Screening Levels
Site	Dichlorobenzil Warehouse Site Assessment Area of the former Montrose facility in Henderson, Nevada
SVOCs	Semi-volatile Organic Compounds
µm	Micrometers
VOCs	Volatile Organic Compounds

1. INTRODUCTION

On behalf of Montrose Chemical Corporation of California (Montrose), Geosyntec Consultants (Geosyntec) is submitting this Data Summary and Evaluation report that summarizes the soil conditions at the former Dichlorobenzil Warehouse Site Assessment Area of the former Montrose facility in Henderson, Nevada (Site) (Figures 1 and 2). This document compiles information previously submitted and approved by the Nevada Division of Environmental Protection (NDEP) to facilitate consideration of a No Further Action (NFA) determination for the Site.

1.1 Background

Montrose produced dichlorobenzil (DCB) at the Former Plant Site (FPS) between 1967 and 1983 [Converse, 1993]. A 6,000-square foot warehouse located remotely from the FPS was utilized solely for shipping, receiving, and storage of packaged DCB product and dichlorodiphenyltrichloroethane (DDT) used as a raw material for the DCB process. Transportation of the materials to and from the FPS was accomplished by trucks and forklifts. For the purpose of this report, the warehouse is referred to as the "DCB Warehouse."

The DCB Warehouse was located south/southeast of the FPS and to the east of the former Montrose Closed Ponds Area (CPA). The aerial photograph presented on Figure 2 shows the DCB Warehouse as it existed prior to demolition.

The DCB Warehouse was demolished in late 1983 and early 1984 [Converse, 1993], as part of the decommissioning of the Montrose organic chemical manufacturing operations. As shown on Figure 3, by 1988 the DCB Warehouse and adjacent building to the south had been demolished and post-demolition grading of the area is evident. The graded area shown on Figure 3 comprises approximately 11 acres, and in collaboration with NDEP, was agreed to define the extent of the DCB Warehouse study area based on the possibility that a hypothetical chemical spill that may have occurred as part of the operation of the warehouse and could have been dispersed within the study area by the soil grading conducted as part of the demolition process.

1.2 Site Investigations

Soil samples were collected throughout the study area and analyzed as part of three investigations. These soil sample locations are shown on Figure 4, and the findings of these investigations are summarized below.

1.2.1 2006 Initial Investigation

The first investigation, conducted in 2006 [Hargis, 2007], consisted of one preliminary reconnaissance soil boring (FTF-21D) located northwest of the former DCB Warehouse as shown on Figure 4. Soil samples were collected every 10 ft in a vertical profile to a depth of 50 ft below ground surface (ft bgs) (beginning at 10 ft bgs) and analyzed for aldehydes, inorganics, organic acids, polychlorinated biphenyls (PCBs), pesticides, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs). A summary of these analytical results is presented in Table 1.

1.2.2 2007 SMC Site Shallow Soils Investigation

The second investigation was conducted as part of a shallow soils sampling program conducted in 2007 (PES Environmental, Inc., 2008) for the former Stauffer Chemical facility Environmental Conditions Investigation (ECI) program. As part of this investigation, one surface sample (SS-EC-024) was collected from the northern portion of the DCB Warehouse area, as shown on Figure 4. The sample was analyzed for organochlorine pesticides. A summary of these analytical results is presented in Table 2.

1.2.3 2009-2010 Grid Soil Investigation

In a letter dated August 27, 2009 [NDEP, 2009a], NDEP recommended that additional surface and "near-surface" soil samples be collected in the DCB Warehouse area to supplement the data collected during the two previous investigations. As a result of this recommendation and additional discussions with NDEP, the *Work Plan to Assess Shallow Soil at the Former Dichlorobenzil Warehouse Area* was submitted to NDEP on October 30, 2009 (Geosyntec, 2009). This work plan was subsequently revised per NDEP comments and discussions and ultimately approved by NDEP on November 16, 2009.

The field work for this third investigation commenced in December 2009. This soil investigation consisted of collecting surface and shallow (3 ft bgs) soil samples at 17 locations. A summary report of the field findings was submitted to NDEP for review on June 4, 2010 and, after submittal of a revised report on July 14, 2010, NDEP approved the report via a letter dated July 29, 2010. A summary of the analytical results from this investigation is presented in Tables 3 and 4.

1.3 Report Organization

The remainder of this Report is organized into the following sections:

- Section 2, *Soil Analytical Results and Discussion*; and
- Section 3, *Conclusions*.

References, tables, figures, and appendices are included at the end of the text.

2. SOIL ANALYTICAL RESULTS AND DISCUSSION

Laboratory analytical results from the three DCB Warehouse investigations are summarized in Table 1 [Hargis, 2007], Table 2 [PES, 2008] and Tables 3 and 4 [Geosyntec, 2010]. These analytical results are discussed in the following sections.

The discussions in this Section are based on the cumulative data set collected as part of the investigations described in Section 1.2. The cumulative data set underwent data validation and verification (Appendix C, Appendix D, and Appendix E). No data was rejected during the data set's data validation and verification. Therefore, no chemical suites were eliminated, the spatial coverage does not have any gaps, and there are enough samples at depth for adequate delineation. In addition, a scientific and statistical evaluation for every chemical compound to evaluate the appropriate sample size under which enough samples have been collected (based on risk-based decision error tolerances) was conducted. Based on this analysis (Section 4 of the DCB Warehouse Data Usability Evaluation), there are a sufficient number of samples at the former DCB Warehouse for each sampled chemical compound of concern.

Although no results were rejected, several results from each of the Site's borings, except SS-EC-024, were assigned validation qualifiers that were different than their original lab qualifiers. The additional qualification of data by data validators and associated uncertainties are discussed in this Section.

One hundred and seventeen (117) results from Boring FTF-21D were assigned validation qualifiers that were different than their original lab qualifiers. Due to surrogate percentage recoveries (%Rs) that were outside of the acceptable Quality Control (QC) limits, 87 SVOC results for FTF-21D-30 were qualified as non-detected estimated (UJ). In addition, 1,4-dioxane results for soil samples FTF-21D-10, FTF-21D-30 and FTF-21D-50 were UJ flagged due to laboratory control sample (LCS) %Rs that were outside of the acceptable QC limits. Due to low calibration responses, nine of the dichloroacetaldehyde, 2-butanone (MEK), and n-Hydroxymethylphthalimide results from the boring FTF-21D were also UJ flagged. Due to suspected laboratory blank contamination, 13 of the PCBs, acetaldehyde and metal results from Boring FTF-21D were qualified as non-detect (U), and the arsenic result for FTF-21D-10 was qualified as estimated (J). Also, due to matrix spikes/matrix spike duplicates' relative percent differences (%RPDs) that were outside of the acceptable QC limits, the phosphorus results for depths 10, 30, 50 in Boring FTF-21D were J flagged. More details regarding the data validation of results from Boring FTF-21D are presented in Appendix C.

One hundred and fifty-nine (159) results from SB-1, SB-2, SB-3, SB-4, SB-5, SB-6, SB-7, SB-8, SB-9, SB-10, SB-11, SB-12, SB-13, SB-14, SB-15, SB-16, and SB-17 (SB borings) were assigned validation qualifiers that were different than their original lab qualifiers. Due to matrix spikes %Rs that are outside of the acceptable QC limits, 71 results from the SB borings were assigned validation qualifiers. Thirty-two antimony results were UJ flagged, six results were J flagged, eleven inorganic results were qualified as estimated with a negative bias (J-), and 22 of the inorganic and pesticide results were qualified as estimated with a positive bias (J+). Due to suspected laboratory blank contamination, 51 of the inorganic results from the SB borings were U-flagged. Also, due to matrix spikes/matrix spike duplicates' %RPDs that were outside of the acceptable QC limits, 28 of the inorganic results from the SB borings were J flagged. Due to the primary and confirmation columns' %RPDs that were outside of the acceptable QC limits, two pesticide results from the SB borings were U-flagged. Due to surrogate percentage recoveries (%Rs) that were outside of the acceptable QC limits, seven pesticide results from SB-2-0.5 were J+ flagged. More details regarding the data validation of results from the SB borings are presented in Appendix E.

In total, 276 results in the dataset were assigned validation qualifiers that were different than their original lab qualifiers. Only eleven of those results had a J- flag, which indicated that the analytical results could underestimate actual concentrations. These eleven results are the concentrations of: sodium in Boring SB-1 at depths of 0.5 and 3 ft bgs; sodium in Boring SB-2 at depths of 0.5 and 3 ft bgs; cobalt and copper in Boring SB-7 at 0.5 ft bgs; copper, silver, and zinc in Boring SB-16 at 0.5 ft bgs; and sodium in Boring SB-17 at 0.5 ft bgs. The remaining results with validation qualifiers that were different than their original lab qualifiers (265 of 276) were instead assigned validation qualifiers that indicated concentrations that were estimated (no directional bias), or overestimated.

To provide context for the analytical results presented herein, NDEP's Basic Comparison Levels (BCLs) are provided in the text, tables, and figures. NDEP guidance states that "The BCL Table contains current human health toxicity values that are combined with standard exposure factors to estimate contaminant concentrations in environmental media…that are considered by NDEP to be protective of human exposures…over a lifetime." However, as also stated in NDEP guidance [NDEP 2012b], "Exceedance of a BCL does not automatically designate the site as needing a response action." Additionally, comparison to $1/10^{th}$ of the BCL is included as a method suggested by NDEP to account for the possible cumulative effects of multiple detected analytes.

NDEP's Leaching-Based Basic Comparison Levels (LBCLs) are also provided in text, tables, and on figures. The NDEP guidance states that LBCLs "… are provided to evaluate the migration to groundwater pathway. Migration of contaminants from soil to groundwater is evaluated as a two-stage process: (1) release of contaminant in soil leachate into groundwater; and (2) dilution of the contaminant upon mixing in groundwater" [NDEP, 2013]. The LBCLs are back-calculated from existing risk-based groundwater concentrations [i.e., non-zero maximum contaminant level goals (MCLGs), maximum contaminant levels (MCLs), or risk-based screening levels]. A dilution attenuation factor (DAF) is used in the calculation of LBCLs to account for the natural attenuation that would occur during the migration to groundwater pathway. The LBCLs for the dilution attenuation factors of 1 and 20 are included in the tables. Sample locations with compounds that exceed both $LBCL_{DAF=1}$ and $LBCL_{DAF=20}$ are shown on the figures.

The BCL and LBCL tables do not represent action levels or final cleanup levels, but rather are used as technical screening tools that provide risk-based concentrations that are considered protective of human health, within the limitations described in the guidance [NDEP, 2013b]. The BCLs help to evaluate data usability, determine extent of impacts, identify chemicals of potential concern (COPC), and identify if further action may be warranted.

To provide further context for the analytical results presented herein, United States Environmental Protection Agency (EPA) Region IX Regional Screening Levels (RSLs) are also provided in text, tables, and on figures. RSLs represent concentrations of chemicals in the relevant environmental media (e.g., soil) that would be considered appropriate (i.e., below thresholds of concern for potential risks to human health) for land uses under health-protective exposure conditions. Exposure routes considered in the development of soil RSLs included incidental ingestion of soil, dermal contact with soil, and inhalation of particulates/vapors from soil. Comparing Site data to the RSLs also provides an additional tool for further evaluating the usability of the data.

2.1 Dichlorobenzil

DCB was not detected at concentrations greater than the laboratory reporting limit (0.11 milligrams per kilogram [mg/kg]) in any of the soil samples (Tables 3 and 4). The BCL for 4,4'-DCB is 341 mg/kg ([NDEP, 2013] and Table 3); there is no RSL or LBCL for DCB ([EPA, 2014, NDEP, 2013] and Table 4). Thus, DCB was not detected above its BCL or $1/10^{th}$ of its BCL.

2.2 Asbestos

Asbestos was not detected in any of the surface soil samples collected from the vicinity of the DCB Warehouse. However, there were two fibers identified in an equipment blank [ISL 1323-23 (EB-01-Soil)] analyzed as part of the 2009 shallow soil investigation [Geosyntec, 2010]. One had a size of 15 micrometers (µm) (length) x 2.5 µm (width), and dimensions of the second fiber were 15 µm x 1 µm.

NDEP only identifies asbestos fibers as a concern if they are >10 µm in length and <0.4 µm in width [NDEP, 2009b]. The two fibers noted in the equipment blank sample are considered "too fat" (too wide), which means they fall outside of the counting criteria based on NDEP standards and for the modified elutriator method itself. The standard elutriator method recognizes fibers if the width is <0.5 µm; whereas NDEP modified their criteria to be a width of <0.4 µm [NDEP, 2009b]. As a result, asbestos is reported as being not detected in the DCB Warehouse soil samples.

2.3 Metals

2.3.1 BCLs

With the exception of arsenic and phosphorus (Table 1, Table 3, and Figure 5), metals were not detected in soil at concentrations above their respective BCLs for the outdoor industrial/commercial worker scenario. Arsenic, phosphorus, and other inorganic analytes are ubiquitous and naturally occurring throughout the region, and as a result, NDEP has approved an approach in which detections are compared to background levels.

The range of arsenic concentrations (2.5 mg/kg to 5.6 mg/kg) detected in the shallow soil samples (0.5 ft bgs and 3 ft bgs) exceeds the BCL of 1.77 mg/kg, but is considered to be within the range of background levels of up to 7.2 mg/kg [Table G-1A in NDEP, 2007]. The highest concentration of arsenic detected in deep soil was 28.14 mg/kg, which was detected at sample location FTF-21D at a depth of 50 ft bgs [Hargis, 2007]; a depth considered inaccessible for direct human contact. Thus, arsenic concentrations are within the range of background levels detected during previous investigations in the vicinity of the Site, which indicate arsenic concentrations ranging between non-detectable to in excess of 500 mg/kg [Table G-1A in NDEP, 2007 and CH2MHill, 2006].

Similarly, the range of phosphorus concentrations (680 mg/kg to 1,400 mg/kg) detected in shallow soil samples (0.5 ft bgs and 3 ft bgs) exceeds the BCL of 22.7 mg/kg, but is considered to be within the range of background levels of up to 2,010 mg/kg [Table G-1A in NDEP, 2007]. The highest phosphorus concentration detected in deep soil,

1,072 mg/kg, was detected at sample location FTF-21D at 50 ft bgs [Hargis, 2007]. This phosphorus concentration is also within the range of deep background levels of up to 1,930 mg/kg [Table 12 of BRC, 2010].

2.3.2 RSLs

Metals were not detected in soil at concentrations above their respective RSLs for the industrial scenario, with the exception of arsenic and phosphorus (Table 1, Table 4, and Figure 6).

In shallow soil samples (0.5 ft bgs and 3 ft bgs), arsenic was detected at concentrations ranging from 2.5 mg/kg to 5.6 mg/kg, and above the RSL of 3 mg/kg. In deep soil samples, the highest arsenic concentration detected was 28.1 mg/kg at sample location FTF-21D at 50 ft bgs [Hargis, 2007]; a depth considered inaccessible for direct human contact. Arsenic concentrations are within the range of background levels detected during previous investigations in the vicinity of the Site, which indicate arsenic concentrations ranging between non-detectable to in excess of 500 mg/kg [Table G-1A in NDEP, 2007 and CH2MHill, 2006].

In shallow soil samples (0.5 ft bgs and 3 ft bgs), phosphorus was detected at concentrations ranging from 680 mg/kg to 1,400 mg/kg, above the RSL of 23 mg/kg. These phosphorus concentrations are within the range of background levels of up to 2,010 mg/kg [Table G-1A in NDEP, 2007]. The highest phosphorus concentration detected in deep soil samples, 1,072 mg/kg, was detected at location FTF-21D at a depth of 50 ft bgs [Hargis, 2007]; a depth considered inaccessible for direct human contact. This phosphorus concentration is considered to be within the range of deep background levels of up to 1,930 mg/kg [Table 12 of BRC, 2010].

2.3.3 1/10 of BCLs

Metals were not detected in soil at concentrations above 1/10th of their respective BCLs for the outdoor industrial/commercial worker scenario, with the exception of the metals mentioned in Section 2.3.1, as well as aluminum, iron, and magnesium (Table 1, Table 3, and Figure 5). Detections of these metals relative to 1/10th of their respective BCLs are summarized below.

Aluminum (the BCL is 100,000 and 1/10th of BCL is 10,000 mg/kg) concentrations ranged from 8,200 mg/kg to 12,000 mg/kg in the 34 shallow soil samples (0.5 ft bgs and 3 ft bgs) collected in the vicinity of the DCB Warehouse. This range of aluminum concentrations is considered to be within the range of background levels of up to 15,300 mg/kg [Table G-1A in NDEP, 2007]. The two highest aluminum concentrations detected at FTF-21D, 17,420 mg/kg and 21,440 mg/kg, were detected in

deep soils at depths of 30 and 50 ft bgs, respectively [Hargis, 2007]; depths considered inaccessible for direct human contact. These aluminum concentrations are below the BCL.

Iron (the BCL is 100,000 and 1/10th of BCL is 10,000 mg/kg) concentrations ranged from 10,000 mg/kg to 28,000 mg/kg in the 34 shallow soil samples (0.5 ft bgs and 3 ft bgs) collected in the vicinity of the DCB Warehouse. This range of iron concentrations overlaps the range of background levels of up to 19,700 mg/kg [Table G-1A in NDEP, 2007], but is one order of magnitude below the BCL of 100,000 mg/kg. With the exception of one sample from boring location SB-16 at a depth of 0.5 ft bgs, the only compound that exceeds both 1/10th of its respective BCL and its respective maximum background level (if applicable) is iron. Only one other compound (magnesium) was detected in the SB-16 sample at a concentration (20,000 mg/kg) above 1/10th of its BCL (10,000 mg/kg) and its maximum background level (17,500 mg/kg). It would not be expected that a sample with magnesium and iron concentrations that are approximately 20% of their respective BCL would be a concern for the purposes of a NFA. Since the comparisons to 1/10th of the BCL are included to account for the possible cumulative effects of multiple detected analytes, it is therefore not expected for any samples with iron concentrations exceeding the maximum background level to be a concern for the purposes of a NFA. The iron concentrations detected at FTF-21D, 13,910 mg/kg, 14,740 mg/kg and 17,420 mg/kg, were detected at depths of 10, 30, and 50 ft bgs, respectively [Hargis, 2007]. The concentration at 10 ft bgs is considered to be within the range of background levels of up to 19,700 mg/kg [Table G-1A in NDEP, 2007], and the concentrations at the deeper depths are considered to be within the range of deep background levels of up to 22,500 mg/kg [Table 12 in BRC, 2010]. These iron concentrations are below the BCL.

Magnesium (the BCL is 100,000 and 1/10th of BCL is 10,000 mg/kg) concentrations ranged from 6,400 mg/kg to 20,000 mg/kg in the 34 shallow soil samples (0.5 ft bgs and 3 ft bgs) collected in the vicinity of the DCB Warehouse. This range of magnesium concentrations, with the exception of one sample from boring location SB-16 at depth of 0.5 ft bgs, is considered to be within the range of background levels of up to 17,500 mg/kg [Table G-1A in NDEP, 2007]. Magnesium was detected at a concentration of 20,000 mg/kg, one order of magnitude below the BCL of 100,000 mg/kg. As discussed in the previous paragraph, it would not be expected that this sample would be a concern for the purposes of a NFA. The magnesium concentrations detected at FTF-21D, 12,840 mg/kg, 28,140 mg/kg and 30,820 mg/kg, were detected at depths of 10, 30, and 50 ft bgs, respectively [Hargis, 2007]. The magnesium concentration detected at a depth of 10 ft bgs is considered to be within the range of background levels of up to 17,500 mg/kg [Table G-1A in NDEP, 2007].

In addition, the depths of 30 and 50 ft bgs are considered inaccessible for direct human contact. These magnesium concentrations are below the BCL.

2.3.4 LBCLs with DAF=20

Metals were not detected in soil at concentrations above their respective $LBCLs_{DAF=20}$, with the exception of aluminum, arsenic, cobalt, iron, magnesium and manganese (Table 1, Table 4, and Figure 6).

Aluminum (the $LBCL_{DAF=20}$ is 1,500 mg/kg) ranged from 8,200 mg/kg to 12,000 mg/kg in the shallow soil samples (0.5 ft bgs and 3 ft bgs). This range of aluminum concentrations is considered to be within the range of background levels of up to 15,300 mg/kg [Table G-1A in NDEP, 2007]. The two highest aluminum concentrations detected at FTF-21D, 17,420 mg/kg and 21,440 mg/kg, were detected in deep soils at depths of 30 and 50 ft bgs, respectively [Hargis, 2007]. These aluminum concentrations are the same order of magnitude as the maximum deep background level of 15,100 mg/kg [Table 12 in BRC, 2010]. In addition, these sample depths and the anticipated depth to groundwater [Hargis, 2013] are considered inaccessible for direct human contact.

Arsenic (the $LBCL_{DAF=20}$ is 20 mg/kg) was detected at a concentration of 28.1 mg/kg at sample location FTF-21D at 50 ft bgs [Hargis, 2007]. This arsenic concentration is considered to be within the range of background levels detected during previous investigations in the vicinity of the Site, which indicate arsenic concentrations ranging between non-detectable to in excess of 500 mg/kg [Table G-1A in NDEP, 2007 and CH2MHill, 2006].

Cobalt (the $LBCL_{DAF=20}$ is 9.9 mg/kg) ranged from 3.6 mg/kg to 13 mg/kg in the shallow soil samples (0.5 ft bgs and 3 ft bgs). This range of cobalt concentrations is considered to be within the range of background levels of up to 15,300 mg/kg [Table G-1A in NDEP, 2007].

Iron (the $LBCL_{DAF=20}$ is 151 mg/kg) ranged from 10,000 mg/kg to 28,000 mg/kg in the shallow soil samples (0.5 ft bgs and 3 ft bgs). This range of iron concentrations overlaps the range of background levels of up to 19,700 mg/kg [Table G-1A in NDEP, 2007]. However, the concentrations do not increase with depth in every sample; this suggests a likely incomplete pathway for leaching to groundwater. The iron concentrations detected at FTF-21D, 13,910 mg/kg, 14,740 mg/kg and 17,420 mg/kg, were detected at depths of 10, 30 and 50 ft bgs, respectively (Hargis, 2007). The concentration at 10 ft bgs is considered to be within the range of background levels of up to 19,700 mg/kg [Table G-1A in NDEP, 2007], and the concentrations at the deeper depths are

considered to be within the range of deep background levels of up to 22,500 mg/kg [Table 12 in BRC, 2010].

Magnesium (the $LBCL_{DAF=20}$ is 19,500 mg/kg) was detected at a concentration of 20,000 mg/kg at sample location SB-16 at 0.5 ft bgs. Magnesium was also detected at this same sample location at a depth of 3 ft bgs, but at the lower concentration of 13,000 mg/kg. Since the concentrations do not increase with depth, this suggests a likely incomplete pathway for leaching to groundwater. The two highest magnesium concentrations detected at FTF-21D, 28,140 mg/kg and 30,820 mg/kg, were detected in deep soils at depths of 30 and 50 ft bgs, respectively [Hargis, 2007]. These magnesium concentrations are within the same order of magnitude as the LBCL, which was calculated from the BCL for residential tap water, even though the groundwater at the Site is not considered potable. In addition, these sample depths and the anticipated depth to groundwater [Hargis, 2013] are considered inaccessible for direct human contact.

Manganese (the $LBCL_{DAF=20}$ is 26.1 mg/kg) concentrations ranged from 240 mg/kg to 500 mg/kg in the shallow soil samples (0.5 and 3 ft bgs). This range of manganese concentrations is considered to be within the range of background levels of up to 1,090 mg/kg [Table G-1A in NDEP, 2007]. The two highest manganese concentrations detected at FTF-21D, 278 mg/kg and 469 mg/kg, were detected at depths of 10 and 50 ft bgs, respectively [Hargis, 2007]. The concentration at 10 ft bgs is considered to be within the range of background levels of up to 1,090 mg/kg [Table G-1A in NDEP, 2007], and the concentration at 50 ft bgs is considered to be within the range of deep background levels of up to 579 mg/kg [Table 12 in BRC, 2010].

2.3.5 LBCLs with DAF=1

Metals were not detected in soil at concentrations above their respective $LBCLs_{DAF=1}$, with the exception of the metals mentioned in Section 2.3.4.1, as well as barium, boron, cadmium, lithium, nickel, and selenium (Table 1, Table 4, and Figure 6).

Barium (the $LBCL_{DAF=1}$ is 82 mg/kg) concentrations ranged from 130 mg/kg to 470 mg/kg in the shallow soil samples (0.5 ft bgs and 3 ft bgs). This range of barium concentrations is considered to be within the range of background levels of up to 836 mg/kg [Table G-1A in NDEP, 2007]. The barium concentrations detected at FTF-21D, 149.8 mg/kg, 116.58 mg/kg, and 100.5 mg/kg, were detected at depths of 10, 30, and 50 ft bgs, respectively [Hargis, 2007]. The concentration at 10 ft bgs is considered to be within the range of background levels of up to 836 mg/kg [Table G-1A in NDEP, 2007]. The barium concentrations at the deeper depths are considered to be

within the range of deep background levels of up to 539 mg/kg [Table 12 in BRC, 2010].

Boron (the $LBCL_{DAF=1}$ is 23.4 mg/kg) concentrations detected at FTF-21D, 40.2 mg/kg, and 29.48 mg/kg, were detected in deep soils at depths of 30 and 50 ft bgs, respectively [Hargis, 2007]. Since the concentrations do not increase with depth, this suggests a likely incomplete pathway for leaching to groundwater.

Cadmium (with $LBCL_{DAF=1}$ of 0.4 mg/kg) concentrations ranged from 0.32 mg/kg to 0.8 mg/kg in the shallow soil samples (0.5 ft bgs and 3 ft bgs). However, the concentrations do not increase with depth for every sample; this suggests a likely incomplete pathway for leaching to groundwater. Furthermore, the range of cadmium concentrations are one order of magnitude below the $LBCL_{DAF=20}$ value of 8 mg/kg.

Lithium (the $LBCL_{DAF=1}$ is 21.9 mg/kg) was detected at FTF-21D with the concentrations of 83.08 mg/kg, and 61.64 mg/kg, in deep soils at depths of 30 and 50 ft bgs, respectively [Hargis, 2007]. These lithium concentrations are considered to be within the range of deep background levels of up to 124 mg/kg [Table 12 in BRC, 2010].

Nickel (the $LBCL_{DAF=1}$ is 7 mg/kg) was detected at FTF-21D with the concentrations of 13.91 mg/kg, 13.4 mg/kg, and 20.1 mg/kg, at depths of 10, 30, and 50 ft bgs, respectively [Hargis, 2007]. The concentration at 10 ft bgs is considered to be within the range of background levels of up to 30 mg/kg [Table G-1A in NDEP, 2007]. These nickel concentrations are considered to be within the range of deep background levels of up to 27.5 mg/kg [Table 12 in BRC, 2010].

Selenium (the $LBCL_{DAF=1}$ is 0.3 mg/kg) concentrations ranged from 0.4 mg/kg to 1.6 mg/kg in the shallow soil samples (0.5 ft bgs and 3 ft bgs). Several sample results were within the background range of up to 0.6 mg/kg [Table G-1A in NDEP, 2007]. In addition, the concentrations do not increase with depth in every sample; this suggests a likely incomplete pathway for leaching to groundwater. Furthermore, the range of cadmium concentrations are below the $LBCL_{DAF=20}$ value of 6 mg/kg.

2.4 Uranium

Uranium was not detected at concentrations greater than its BCL value of 3,400 mg/kg or $1/10^{th}$ of its BCL (340 mg/kg) for an outdoor industrial/commercial worker scenario (Table 3). Uranium was also not detected at concentrations greater than its $LBCL_{DAF=1}$ value of 13.5 mg/kg, $LBCL_{DAF=20}$ value of 270 mg/kg, or its RSL value of 3,500 mg/kg (Table 4).

2.5 Organochlorine Pesticides

Organochlorine pesticides (OCPs) were not detected at concentrations greater than their respective BCL values for an outdoor industrial/commercial worker scenario (Table 1, Table 2, Table 3, and Figure 7). OCPs were not detected at concentrations greater than $1/10^{th}$ of the BCL, with the exception of 4,4- Dichlorodiphenyldichloroethylene (DDE) at soil boring location SB-10 at a depth of 0.5 ft bgs. The concentration of 4,4-DDE (with a 1/10 BCL of 0.781 mg/kg) was 2.2 mg/kg. This 4,4-DDE concentration is below the $LBCL_{DAF=1}$ value of 3 mg/kg, the $LBCL_{DAF=20}$ value of 60 mg/kg, and the RSL value of 6.8 mg/kg (Table 4).

In addition, organochlorine pesticides were not detected at concentrations greater than their respective LBCL values, with the exception of β-hexachlorocyclohexane (beta-BHC) (Table 2, Table 4 and Figure 8). In the shallow soil samples (0.5 ft bgs and 3 ft bgs), beta-BHC (with the $LBCL_{DAF=1}$ of 0.00596 mg/kg and $LBCL_{DAF=20}$ of 0.119 mg/kg) concentrations ranged from 0.0021 mg/kg to 0.81 mg/kg (Table 2, Table 4, and Figure 8). However, most concentrations decrease with depth; this suggests a likely incomplete pathway for leaching to groundwater. These beta-BHC concentrations are below the BCL value of 53.9 mg/kg, and the RSL value of 1.3 mg/kg (Table 2, Table 4, and Figure 8).

Furthermore, organochlorine pesticides were not detected at concentrations greater than their respective RSL values.

2.6 Volatile Organic Compounds

VOCs were not detected at concentrations greater than their respective BCL values and RSL values (Table 1). VOCs were also not detected at concentrations greater than their respective $1/10^{th}$ of its BCL and LBCLs, with the exception of bromoform at soil boring location FTF-21D at a depth of 40 ft bgs (Table 1). The concentration of bromoform (with a 1/10 BCL of 24.2 mg/kg, $LBCL_{DAF=1}$ of 0.04 mg/kg and $LBCL_{DAF=20}$ of 0.8 mg/kg) was 44.22 mg/kg (Table 1). Bromoform was not detected at the depth of 50 ft bgs from the same sample location [Geosyntec, 2014]. Since the concentrations do not increase with depth, this suggests a likely incomplete pathway for leaching to groundwater. This bromoform concentration is below the BCL value of 242 mg/kg and the RSL value of 290 mg/kg (Table 1).

3. CONCLUSIONS

Chemical concentrations were not detected above their respective soil BCLs for an outdoor industrial/commercial worker scenario throughout the DCB Warehouse area, with the exception of arsenic and phosphorus. However, the range of arsenic and phosphorus concentrations detected within shallow soils (0-12 ft bgs) at the former DCB Warehouse are considered to be within regional background levels [Table G-1A in NDEP, 2007, Table 12 from BRC, 2010, and CH2MHill, 2006]. Furthermore, analytes were detected at concentrations below their respective LBCLs, with the exception of arsenic, aluminum, barium, boron, cadmium, iron, lithium, magnesium, manganese, nickel, and selenium. The ranges of concentrations for these analytes were also within BCLs, RSLs, and/or regional background levels.

In summary, we note that analytes other than arsenic and phosphorus detected in soil samples collected in the vicinity of the DCB Warehouse are significantly below their respective BCLs. Additionally, other than arsenic and phosphorus, analytes were detected at concentrations below $1/10^{th}$ of their respective BCL, with the exception of aluminum, bromoform, iron, magnesium and 4,4-DDE, as noted in Section 2. These detected concentrations do not appear to be a concern as they are within background concentrations detected in the region and in the case of the deeper soil samples, are beyond the depth of reasonable human contact.

Given these results, no further environmental characterization or soil remediation at the former DCB Warehouse is warranted, and it appears that the DCB Warehouse area is a suitable candidate for a NFA determination from the NDEP.

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[1] These documents are posted on NDEP's website but no NDEP Response-to-Comments or acceptance letter is posted to accompany the document as is typical of other documents. The documents have therefore been presumed acceptable to NDEP.

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APPENDIX A

TABLES

TABLE 1
Hargis 2006 Soil Boring
Chemical Analysis Summary
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Location ID	Sample Date	Sample Depth (ft bgs)	Method	Analyte*	Result	Units	BCLs	1/10 BCLs	LBCLs (DAF=1)	LBCLs (DAF=20)	RSLs
FTF-21D	07-Nov-06	10	EPA 1668A mod	2,4'-DiCB-(8)	6.21E-06	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 1668A mod	2,4'-DiCB-(8)	9.78E-06	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 1668A mod	23'44'55'-HexaCB-(167)	5.99E-07	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 1668A mod	23'44'55'-HexaCB-(167)	8.04E-07	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 1668A mod	33'44'-TetraCB-(77)	2.78E-07	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 8270C	3-Hexene-2,5-dione	3.638	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 8270C	3-Hexene-2,5-dione	4.958	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 8270C	3-Hexene-2,5-dione	4.02	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 8260B	Acetone	3.32E-02	mg/kg	1.00E+05	1.00E+04	8.00E-01	1.60E+01	6.70E+05
FTF-21D	07-Nov-06	20	EPA 8260B	Acetone	2.25E-02	mg/kg	1.00E+05	1.00E+04	8.00E-01	1.60E+01	6.70E+05
FTF-21D	07-Nov-06	50	EPA 8260B	Acetone	1.29E-02	mg/kg	1.00E+05	1.00E+04	8.00E-01	1.60E+01	6.70E+05
FTF-21D	07-Nov-06	10	SM2320B-MOD	Alkalinity as CaCO3	44940	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	SM2320B-MOD	Alkalinity as CaCO3	16080	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	SM2320B-MOD	Alkalinity as CaCO3	5360	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 6020	Aluminum	9630	mg/kg	1.00E+05	1.00E+04	7.50E+01	1.50E+03	1.10E+06
FTF-21D	07-Nov-06	30	EPA 6020	Aluminum	17420	mg/kg	1.00E+05	1.00E+04	7.50E+01	1.50E+03	1.10E+06
FTF-21D	07-Nov-06	50	EPA 6020	Aluminum	21440	mg/kg	1.00E+05	1.00E+04	7.50E+01	1.50E+03	1.10E+06
FTF-21D	07-Nov-06	10	EPA 6020	Arsenic	1.498	mg/kg	1.77E+00	1.77E-01	1.00E+00	2.00E+01	3.00E+00
FTF-21D	07-Nov-06	30	EPA 6020	Arsenic	17.42	mg/kg	1.77E+00	1.77E-01	1.00E+00	2.00E+01	3.00E+00
FTF-21D	07-Nov-06	50	EPA 6020	Arsenic	28.14	mg/kg	1.77E+00	1.77E-01	1.00E+00	2.00E+01	3.00E+00
FTF-21D	07-Nov-06	10	EPA 6020	Barium	149.8	mg/kg	1.00E+05	1.00E+04	8.20E+01	1.64E+03	2.20E+05
FTF-21D	07-Nov-06	30	EPA 6020	Barium	116.58	mg/kg	1.00E+05	1.00E+04	8.20E+01	1.64E+03	2.20E+05
FTF-21D	07-Nov-06	50	EPA 6020	Barium	100.5	mg/kg	1.00E+05	1.00E+04	8.20E+01	1.64E+03	2.20E+05
FTF-21D	07-Nov-06	10	EPA 6020	Beryllium	6.10E-01	mg/kg	2.23E+03	2.23E+02	3.00E+00	6.00E+01	2.30E+03
FTF-21D	07-Nov-06	30	EPA 6020	Beryllium	9.38E-01	mg/kg	2.23E+03	2.23E+02	3.00E+00	6.00E+01	2.30E+03
FTF-21D	07-Nov-06	50	EPA 6020	Beryllium	1.474	mg/kg	2.23E+03	2.23E+02	3.00E+00	6.00E+01	2.30E+03
FTF-21D	07-Nov-06	10	SM2320B-MOD	Bicarbonate Alkalinity as CaCO3	43870	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	SM2320B-MOD	Bicarbonate Alkalinity as CaCO3	14740	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	SM2320B-MOD	Bicarbonate Alkalinity as CaCO3	5092	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 6010B	Boron	40.2	mg/kg	1.00E+05	1.00E+04	2.34E+01	4.67E+02	2.30E+05
FTF-21D	07-Nov-06	50	EPA 6010B	Boron	29.48	mg/kg	1.00E+05	1.00E+04	2.34E+01	4.67E+02	2.30E+05
FTF-21D	07-Nov-06	40	EPA 8260B	Bromoform	44.22	mg/kg	2.42E+02	2.42E+01	4.00E-02	8.00E-01	2.90E+02
FTF-21D	07-Nov-06	10	EPA 6010B	Calcium	58850	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 6010B	Calcium	18760	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 6010B	Calcium	8442	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	SM2320B-MOD	Carbonate Alkalinity as CaCO3	1284	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	SM2320B-MOD	Carbonate Alkalinity as CaCO3	1072	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	SM2320B-MOD	Carbonate Alkalinity as CaCO3	268	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 9056	Chloride	8.988	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 9056	Chloride	1192.6	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 9056	Chloride	93.8	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 6020	Chromium	7.383	mg/kg	1.36E+03	1.36E+02	--	--	--
FTF-21D	07-Nov-06	30	EPA 6020	Chromium	44.22	mg/kg	1.36E+03	1.36E+02	--	--	--
FTF-21D	07-Nov-06	50	EPA 6020	Chromium	20.1	mg/kg	1.36E+03	1.36E+02	--	--	--
FTF-21D	07-Nov-06	10	EPA 6020	Cobalt	7.062	mg/kg	3.37E+02	3.37E+01	4.95E-01	9.90E+00	3.50E+02
FTF-21D	07-Nov-06	30	EPA 6020	Cobalt	6.298	mg/kg	3.37E+02	3.37E+01	4.95E-01	9.90E+00	3.50E+02
FTF-21D	07-Nov-06	50	EPA 6020	Cobalt	9.648	mg/kg	3.37E+02	3.37E+01	4.95E-01	9.90E+00	3.50E+02
FTF-21D	07-Nov-06	10	EPA 6020	Copper	14.98	mg/kg	4.22E+04	4.22E+03	4.58E+01	9.15E+02	4.70E+04
FTF-21D	07-Nov-06	30	EPA 6020	Copper	14.74	mg/kg	4.22E+04	4.22E+03	4.58E+01	9.15E+02	4.70E+04
FTF-21D	07-Nov-06	50	EPA 6020	Copper	21.44	mg/kg	4.22E+04	4.22E+03	4.58E+01	9.15E+02	4.70E+04
FTF-21D	07-Nov-06	50	EPA 8270C	Di-n-butyl phthalate	1.14E-01	mg/kg	6.84E+04	6.84E+03	2.70E+02	5.40E+03	8.20E+04
FTF-21D	07-Nov-06	10	EPA 6010B	Iron	13910	mg/kg	1.00E+05	1.00E+04	7.56E+00	1.51E+02	8.20E+05
FTF-21D	07-Nov-06	30	EPA 6010B	Iron	14740	mg/kg	1.00E+05	1.00E+04	7.56E+00	1.51E+02	8.20E+05
FTF-21D	07-Nov-06	50	EPA 6010B	Iron	17420	mg/kg	1.00E+05	1.00E+04	7.56E+00	1.51E+02	8.20E+05
FTF-21D	07-Nov-06	10	EPA 6020	Lead	6.527	mg/kg	8.00E+02	8.00E+01	--	--	8.00E+02
FTF-21D	07-Nov-06	30	EPA 6020	Lead	7.906	mg/kg	8.00E+02	8.00E+01	--	--	8.00E+02
FTF-21D	07-Nov-06	50	EPA 6020	Lead	10.72	mg/kg	8.00E+02	8.00E+01	--	--	8.00E+02
FTF-21D	07-Nov-06	10	EPA 6010B	Lithium	19.26	mg/kg	2.27E+03	2.27E+02	2.19E+01	4.38E+02	2.00E+03
FTF-21D	07-Nov-06	30	EPA 6010B	Lithium	83.08	mg/kg	2.27E+03	2.27E+02	2.19E+01	4.38E+02	2.00E+03
FTF-21D	07-Nov-06	50	EPA 6010B	Lithium	61.64	mg/kg	2.27E+03	2.27E+02	2.19E+01	4.38E+02	2.00E+03
FTF-21D	07-Nov-06	10	EPA 6010B	Magnesium	12840	mg/kg	1.00E+05	1.00E+04	9.73E+02	1.95E+04	--
FTF-21D	07-Nov-06	30	EPA 6010B	Magnesium	28140	mg/kg	1.00E+05	1.00E+04	9.73E+02	1.95E+04	--
FTF-21D	07-Nov-06	50	EPA 6010B	Magnesium	30820	mg/kg	1.00E+05	1.00E+04	9.73E+02	1.95E+04	--
FTF-21D	07-Nov-06	10	EPA 6020	Manganese	278.2	mg/kg	1.37E+04	1.37E+03	1.30E+00	2.61E+01	2.60E+04
FTF-21D	07-Nov-06	30	EPA 6020	Manganese	254.6	mg/kg	1.37E+04	1.37E+03	1.30E+00	2.61E+01	2.60E+04
FTF-21D	07-Nov-06	50	EPA 6020	Manganese	469	mg/kg	1.37E+04	1.37E+03	1.30E+00	2.61E+01	2.60E+04
FTF-21D	07-Nov-06	10	EPA 7471A	Mercury	1.28E-02	mg/kg	1.82E+02	1.82E+01	1.04E-01	2.09E+00	4.00E+01
FTF-21D	07-Nov-06	10	EPA 6020	Nickel	13.91	mg/kg	2.18E+04	2.18E+03	7.00E+00	1.40E+02	2.20E+04
FTF-21D	07-Nov-06	30	EPA 6020	Nickel	13.4	mg/kg	2.18E+04	2.18E+03	7.00E+00	1.40E+02	2.20E+04
FTF-21D	07-Nov-06	50	EPA 6020	Nickel	20.1	mg/kg	2.18E+04	2.18E+03	7.00E+00	1.40E+02	2.20E+04
FTF-21D	07-Nov-06	10	EPA 9045C	pH	9.0201	pH Units	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 9045C	pH	10.3716	pH Units	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 9045C	pH	11.1622	pH Units	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 365.3 MOD	Phosphorus	877.4	mg/kg	2.27E+01	2.27E+00	--	--	2.30E+01
FTF-21D	07-Nov-06	10	EPA 6010B	Phosphorus	1070	mg/kg	2.27E+01	2.27E+00	--	--	2.30E+01
FTF-21D	07-Nov-06	30	EPA 365.3 MOD	Phosphorus	576.2	mg/kg	2.27E+01	2.27E+00	--	--	2.30E+01
FTF-21D	07-Nov-06	30	EPA 6010B	Phosphorus	509.2	mg/kg	2.27E+01	2.27E+00	--	--	2.30E+01
FTF-21D	07-Nov-06	50	EPA 365.3 MOD	Phosphorus	1072	mg/kg	2.27E+01	2.27E+00	--	--	2.30E+01
FTF-21D	07-Nov-06	50	EPA 6010B	Phosphorus	911.2	mg/kg	2.27E+01	2.27E+00	--	--	2.30E+01
FTF-21D	07-Nov-06	10	EPA 6010B	Potassium	1712	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 6010B	Potassium	4556	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 6010B	Potassium	5360	mg/kg	--	--	--	--	--

TABLE 1
Hargis 2006 Soil Boring
Chemical Analysis Summary
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Location ID	Sample Date	Sample Depth (ft bgs)	Method	Analyte*	Result	Units	BCLs	1/10 BCLs	LBCLs (DAF=1)	LBCLs (DAF=20)	RSLs
FTF-21D	07-Nov-06	10	EPA 6010B	Sodium	652.7	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	30	EPA 6010B	Sodium	2144	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	50	EPA 6010B	Sodium	1246.2	mg/kg	--	--	--	--	--
FTF-21D	07-Nov-06	10	EPA 6010B	Strontium	256.8	mg/kg	1.00E+05	1.00E+04	--	--	7.00E+05
FTF-21D	07-Nov-06	30	EPA 6010B	Strontium	84.42	mg/kg	1.00E+05	1.00E+04	--	--	7.00E+05
FTF-21D	07-Nov-06	50	EPA 6010B	Strontium	120.6	mg/kg	1.00E+05	1.00E+04	--	--	7.00E+05
FTF-21D	07-Nov-06	10	EPA 6010B	Titanium	577.8	mg/kg	1.00E+05	1.00E+04	1.46E+05	2.92E+06	--
FTF-21D	07-Nov-06	30	EPA 6010B	Titanium	723.6	mg/kg	1.00E+05	1.00E+04	1.46E+05	2.92E+06	--
FTF-21D	07-Nov-06	50	EPA 6010B	Titanium	1058.6	mg/kg	1.00E+05	1.00E+04	1.46E+05	2.92E+06	--
FTF-21D	07-Nov-06	10	EPA 8260B	Toluene	1.01E-03	mg/kg	5.21E+02	5.21E+01	6.00E-01	1.20E+01	4.70E+04
FTF-21D	07-Nov-06	20	EPA 8260B	Toluene	8.24E-04	mg/kg	5.21E+02	5.21E+01	6.00E-01	1.20E+01	4.70E+04
FTF-21D	07-Nov-06	10	EPA 6020	Vanadium	37.45	mg/kg	5.68E+03	5.68E+02	3.00E+02	6.00E+03	5.80E+03
FTF-21D	07-Nov-06	30	EPA 6020	Vanadium	44.22	mg/kg	5.68E+03	5.68E+02	3.00E+02	6.00E+03	5.80E+03
FTF-21D	07-Nov-06	50	EPA 6020	Vanadium	58.96	mg/kg	5.68E+03	5.68E+02	3.00E+02	6.00E+03	5.80E+03
FTF-21D	07-Nov-06	10	EPA 6020	Zinc	31.03	mg/kg	1.00E+05	1.00E+04	6.20E+02	1.24E+04	3.50E+05
FTF-21D	07-Nov-06	30	EPA 6020	Zinc	44.22	mg/kg	1.00E+05	1.00E+04	6.20E+02	1.24E+04	3.50E+05
FTF-21D	07-Nov-06	50	EPA 6020	Zinc	60.3	mg/kg	1.00E+05	1.00E+04	6.20E+02	1.24E+04	3.50E+05

Notes:

Highlighting	Indicates Exceedance of BCL, RSL, and LBCL (DAF=1 and DAF=20)
Highlighting	Indicates Exceedance of BCL, RSL, and LBCL (DAF=1)
Highlighting	Indicates Exceedance of BCL and LBCL (DAF=1 and DAF=20)
Highlighting	Indicates Exceedance of BCL and RSL
Highlighting	Indicates Exceedance of one-tenth of BCL and LBCL (DAF=1 and DAF=20)
Highlighting	Indicates Exceedance of BCL
Highlighting	Indicates Exceedance of one-tenth of BCL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)
Highlighting	Indicates Exceedance of LBCL (DAF=1)

* Only detected analytes are shown in table. The detection limit of all analytes with the exception of Benzo(a)pyrene, Dibenz(a,h)anthracene, N-Nitrosodimethylamine, N-Nitroso-di-n-propylamine were below their respective BCLs, one-tenth of the BCLs, LBCLs and RSLs.

-- BCL, LBCL, or RSL not established

BCLs - Nevada Division of Environmental Protection Basic Comparison Levels for Outdoor Industrial/Commercial Worker for Soil, August 2013

DAF - Dilution Attenuation Factor

LBCLs -Nevada Division of Environmental Protection Leaching Based Basic Comparison Levels, August 2013

RSLs - United States Environmental Protection Agency (EPA) Region 9 Industrial Soil Regional Screening Levels (RSLs), January 2015

ft bgs - feet below ground surface

mg/kg - milligram per kilogram

Source data can be found from Appendix B, Figure 4-7 to Figure 4-42, of Hargis (2007). The full dataset with non-detects is also presented in Table B-2a of Geosyntec (2014).

Soil data presented in this table has been converted from a wet-weight basis to a dry-weight basis as per the NDEP-approved conversion method, as described in the technical memorandum prepared by Geosyntec (2011)

Hargis, 2007. Conceptual Site Model, Former Montrose and Stauffer Sites and Downgradient Areas to Las Vegas Wash, Henderson, Nevada. January 11.

Geosyntec Consultants, Inc. (Geosyntec), 2014. Data Usability Evaluation, Former Dichlorobenzil Warehouse, Site Assessment Area, Henderson, Nevada. April 23.

Geosyntec consultants

TABLE 2
PES Environmental 2007
Surface Soil Sampling Summary
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Location ID	Sample Date	Sample Depth (ft bgs)	Method	Analyte*	Result	Units	BCLs	1/10 BCLs	LBCLs (DAF=1)	LBCLs (DAF=20)	RSLs
SS-EC-024	22-Jan-07	0-0.25	SW8081A	beta-BHC	0.15	mg/kg	5.39E+01	5.39E+00	5.96E-03	1.19E-01	1.30E+00
SS-EC-024	22-Jan-07	0-0.25	SW8081A	4,4'-DDT	0.11	mg/kg	7.80E+00	7.81E+00	2.00E+00	3.00E+00	8.60E+00
SS-EC-024	22-Jan-07	0-0.25	SW8081A	4,4'-DDE	0.14	mg/kg	7.80E+00	7.81E+00	3.00E+00	6.00E+01	6.80E+00

Notes:

Highlighting Indicates Exceedance of LBCL (DAF=1 and DAF=20)

* Only detected analytes are shown in table. The detection limit of all analytes with the exception of Toxaphene were below their respective BCLs, one-tenth of the BCLs, LBCLs and RSLs.

BCLs - Nevada Division of Environmental Protection Basic Comparison Levels for Outdoor Industrial/Commercial Worker for Soil, August 2013

DAF - Dilution Attenuation Factor

LBCLs -Nevada Division of Environmental Protection Leaching Based Basic Comparison Levels, August 2013

RSLs - United States Environmental Protection Agency (EPA) Region 9 Industrial Soil Regional Screening Levels (RSLs), January 2015

BHC - Benzenehexachloride

DDE - Dichlorodiphenyldichloroethylene

DDT - Dichlorodiphenyltrichloroethane

ft bgs - feet below ground surface

mg/kg - milligram per kilogram

Source data can be found from Table A-8 of PES (2008)

Soil data presented in this table has been converted from a wet-weight basis to a dry-weight basis as per the NDEP-approved conversion method, as described in the technical memorandum prepared by Geosyntec (2011)

PES Environmental, Inc., 2008. Area-Specific Conceptual Site Model for Shallow Soil, Former Stauffer Chemical Company Facility, Henderson, Nevada. July 1.

TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-1			SB-2		SB-3			SB-4				SB-5		
				Sample Depth (ft bgs)	0.5	3	3	0.5	3	0.5	0.5	3	0.5	0.5	3	3	0.5	0.5	3
				Date / 1/10 BCL	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	3.41E+02	3.41E+01	<0.11	<0.11	<0.11	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	<0.11	NA	<0.11	<0.11
INORG	pH	pH Units	--	--	8.4	8.5	8.5	8.7	8.5	NA	9.7	9.5	NA	8.5	8.8	8.7	NA	8.3	8.8
	Aluminum	mg/kg	1.00E+05	1.00E+04	9700	8900	12000	11000	10000	NA	8200	10000	NA	12000	9800	10000	NA	11000	9700
	Antimony	mg/kg	4.54E+02	4.54E+01	<0.013J	<0.015J	<0.014J	<0.014J	<0.014J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	<0.015J	NA	<0.015J	<0.015J
	Arsenic	mg/kg	1.77E+00	1.77E-01	3.1	3.5	3.4	2.8	3.9	NA	4.6	2.8	NA	2.6	4.0	3.4	NA	3.3	3.2
	Barium	mg/kg	1.00E+05	1.00E+04	130	170	190	150	190	NA	250	180	NA	200	160	160	NA	180	150
	Beryllium	mg/kg	2.23E+03	2.23E+02	0.55	0.59	0.50	0.58	0.60	NA	0.36	0.52	NA	0.50	0.62	0.49	NA	0.60	0.55
	Cadmium	mg/kg	1.11E+03	1.11E+02	0.51	0.56	0.57	0.49	0.57	NA	0.32	0.68	NA	0.67	0.61	0.50	NA	0.65	0.52
	Calcium	mg/kg	--	--	27000J	20000J	20000J	18000J	34000J	NA	34000J	20000J	NA	29000J	33000J	30000J	NA	32000J	31000J
	Chromium	mg/kg	--	--	7.8	8.8	9.6	9.1	12	NA	5.6	10	NA	10	11	8.9	NA	11	10
	Chromium [VI]	mg/kg	1.36E+03	1.36E+02	<0.13	<0.13	<0.13	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	<0.13	NA	<0.13	<0.13
	Cobalt	mg/kg	3.37E+02	3.37E+01	5.8	6.5	6.2	6.8	6.8	NA	3.6	7.2	NA	6.4	7.3	6.0	NA	7.0	7.6
	Copper	mg/kg	4.22E+04	4.22E+03	14J	14J	13J	15J	15J	NA	7.8	14	NA	14	14	10	NA	14	14
	Iron	mg/kg	1.00E+05	1.00E+04	17000	18000	20000	19000	21000	NA	14000	22000	NA	28000	20000	24000	NA	25000	22000
	Lead	mg/kg	8.00E+02	8.00E+01	7.6	8.6	8.7	13	9.7	NA	9.5	8.7	NA	10	8.1	7.4	NA	10	8.2
	Magnesium	mg/kg	1.00E+05	1.00E+04	9300	8200	9400	11000	9600	NA	6400	8800	NA	10000	8900	10000	NA	12000	10000
	Manganese	mg/kg	2.49E+04	2.49E+03	330	360	360	320	330	NA	330	340J	NA	370	340	320	NA	360	350
	Mercury	mg/kg	1.82E+02	1.82E+01	0.019	<0.013	<0.013	0.019	0.018	NA	0.013	<0.013	NA	0.024	0.018	0.019	NA	0.019	0.025
	Molybdenum	mg/kg	5.68E+03	5.68E+02	0.33	0.43	0.49	0.21	0.24	NA	0.21	0.24	NA	0.29	0.19	0.17	NA	0.27	0.21
	Nickel	mg/kg	2.18E+04	2.18E+03	14	14	15	15	15	NA	8.5	15	NA	14	14	12	NA	15	16
	Phosphorus	mg/kg	2.27E+01	2.27E+00	1100	1000	1100	1000	1000	NA	760	980	NA	1000	860	1000	NA	1100	900
	Potassium	mg/kg	--	--	5100	4300	4900	3100	3200	NA	2900	2700	NA	3600	2800	3100	NA	3500	3600
	Selenium	mg/kg	5.68E+03	5.68E+02	1.3	1.5	1.4	0.81	1.0	NA	0.70	0.85	NA	0.58	0.40	0.86	NA	0.89	0.73
	Silver	mg/kg	5.68E+03	5.68E+02	<0.018	<0.021	<0.02	<0.019	<0.02	NA	0.043	0.12	NA	0.075	0.07	0.06	NA	0.076	0.063
	Sodium	mg/kg	--	--	1800J-	1700J-	2000J-	760J-	580J-	NA	570J+	540J+	NA	660J+	440J+	520J+	NA	630J+	480J+
	Sulfur	mg/kg	--	--	370	1500	2200	340	270	NA	<23	<23	NA	<23	<23	<23	NA	<23	<23
	Thallium	mg/kg	7.49E+01	7.49E+00	0.12	0.13	0.12	<0.0033	0.11	NA	0.093	0.14	NA	0.12	0.12	0.11	NA	0.14	0.12
	Tin	mg/kg	1.00E+05	1.00E+04	4.3	4.8	5.2	4.8	4.9	NA	<1.4	<1.4	NA	<1.4	<1.4	<1.4	NA	<1.4	<1.4
	Uranium	mg/kg	3.40E+03	3.40E+02	0.92	0.87	0.85	0.70	0.98	NA	0.73	0.78	NA	0.72	1.0	0.82	NA	0.93	1.2
	Vanadium	mg/kg	5.68E+03	5.68E+02	21	22	25	24	30	NA	17	28	NA	27	30	24	NA	28	27
	Zinc	mg/kg	1.00E+05	1.00E+04	31	33	32	31	31	NA	29	31	NA	33	31	26	NA	32	32
PEST	2,4-DDD	mg/kg	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0027	<0.0016	<0.0016	NA	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	<0.0016	<0.0016	<0.0016	0.0016J+	0.0042	NA	0.014J	<0.0016	NA	0.080	<0.0016	<0.0016	NA	0.015	<0.0016
	2,4'-DDT	mg/kg	--	--	<0.0016	<0.0016	<0.0016	0.0018J+	0.0029	NA	0.0022	<0.0016	NA	0.059	<0.0016	<0.0016	NA	0.0086	<0.0016
	4,4-DDD	mg/kg	1.11E+01	1.11E+00	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0051	<0.0016	<0.0016	NA	0.0033	<0.0016
	4,4-DDE	mg/kg	7.81E+00	7.81E-01	<0.0016	0.0049	0.0027	0.013J+	0.034	NA	0.017	<0.0016	NA	0.51	0.0025J	0.0033	NA	0.077	<0.0016
	4,4-DDT	mg/kg	7.81E+00	7.81E-01	<0.0016	0.0040	0.0026	0.0073J+	0.020	NA	0.013	<0.0016	NA	0.44	<0.0016	<0.0016	NA	0.065	<0.0016
	Aldrin	mg/kg	1.13E-01	1.13E-02	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	alpha-BHC	mg/kg	2.70E+02	2.70E+01	<0.0016	<0.0016	<0.0016	0.0024J+	<0.0016	NA	0.0020	<0.0016	NA	0.0017	<0.0016	<0.0016	NA	<0.0016	<0.0016
	beta-BHC	mg/kg	5.39E+01	5.39E+00	0.0032	0.0090	0.0056	0.066J+	0.020	NA	0.083	0.013	NA	0.24	0.0025	0.0029	NA	0.37	0.0021
	Chlordane	mg/kg	7.19E+00	7.19E-01	<0.011	<0.011	<0.011	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	<0.011	NA	<0.011	<0.011
	delta-BHC	mg/kg	2.70E+02	2.70E+01	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Dieldrin	mg/kg	1.20E-01	1.20E-02	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016

Highlighting	Indicates Exceedance of one-tenth of BCL
Highlighting	Indicates Exceedance of BCL

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TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-1			SB-2		SB-3			SB-4				SB-5		
				Sample Depth (ft bgs)	0.5	3	3	0.5	3	0.5	0.5	3	0.5	0.5	3	3	0.5	0.5	3
				Date / 1/10 BCL	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009
PEST	Endosulfan II	mg/kg	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	<0.0021	<0.0021	<0.0021	**0.0022J+**	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Endrin	mg/kg	2.05E+02	2.05E+01	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	8.98E+00	8.98E-01	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Heptachlor	mg/kg	4.26E-01	4.26E-02	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.10E-01	2.10E-02	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Methoxychlor	mg/kg	3.42E+03	3.42E+02	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Toxaphene	mg/kg	1.74E+00	1.74E-01	<0.054	<0.054	<0.054	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	<0.054	NA	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA

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TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-6			SB-7			SB-8			SB-9			SB-10		
				Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	0.5
				Date / 1/10 BCL	12/8/2009	12/8/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	3.41E+02	3.41E+01	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11
INORG	pH	pH Units	--	--	NA	**8.6**	**8.7**	NA	**8.8**	**9.1**	NA	**9.2**	**9.2**	NA	**9.3**	**9.7**	NA	**9.2**	**9.3**
	Aluminum	mg/kg	1.00E+05	1.00E+04	NA	**9400**	**10000**	NA	**10000**	**9500**	NA	**10000**	**10000**	NA	**9400**	**8900**	NA	**11000**	**11000**
	Antimony	mg/kg	4.54E+02	4.54E+01	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J
	Arsenic	mg/kg	1.77E+00	1.77E-01	NA	**3.2**	**3.7**	NA	**3.2**	**3.6**	NA	**3.6**	**3.5**	NA	**3.4**	**4.1**	NA	**2.7**	**2.7**
	Barium	mg/kg	1.00E+05	1.00E+04	NA	**180**	**190**	NA	**240**	**160**	NA	**260**	**170**	NA	**200**	**210**	NA	**210**	**200**
	Beryllium	mg/kg	2.23E+03	2.23E+02	NA	**0.66**	**0.62**	NA	**0.63**	**0.64**	NA	**0.64**	**0.59**	NA	**0.58**	**0.51**	NA	**0.64**	**0.64**
	Cadmium	mg/kg	1.11E+03	1.11E+02	NA	**0.68**	**0.74**	NA	**0.68**	**0.75**	NA	**0.63**	**0.58**	NA	**0.63**	**0.62**	NA	**0.73**	**0.63**
	Calcium	mg/kg	--	--	NA	**43000**	**36000**	NA	**31000J**	**32000**	NA	**28000**	**27000**	NA	**25000**	**54000**	NA	**28000J**	**30000J**
	Chromium	mg/kg	--	--	NA	**13**	**11**	NA	**12**	**9.7**	NA	**12**	**11**	NA	**10**	**9.4**	NA	**12**	**10**
	Chromium [VI]	mg/kg	1.36E+03	1.36E+02	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13
	Cobalt	mg/kg	3.37E+02	3.37E+01	NA	**7.2**	**6.5**	NA	**13J-**	**6.7**	NA	**7.5**	**6.3**	NA	**6.2**	**7.2**	NA	**7.6**	**7.3**
	Copper	mg/kg	4.22E+04	4.22E+03	NA	**16**	**13**	NA	**17J-**	**15**	NA	**14**	**14**	NA	**14**	**15**	NA	**21**	**16**
	Iron	mg/kg	1.00E+05	1.00E+04	NA	**13000**	**14000**	NA	**13000**	**12000**	NA	**14000**	**12000**	NA	**10000**	**12000**	NA	**22000**	**24000**
	Lead	mg/kg	8.00E+02	8.00E+01	NA	**13**	**9.5**	NA	**7.8**	**6.6**	NA	**9.1**	**7.3**	NA	**12**	**7.9**	NA	**13**	**9.8**
	Magnesium	mg/kg	1.00E+05	1.00E+04	NA	**8300**	**8800**	NA	**8200**	**10000**	NA	**9000**	**12000**	NA	**9000**	**11000**	NA	**10000**	**12000**
	Manganese	mg/kg	2.49E+04	2.49E+03	NA	**370**	**290**	NA	**500**	**290**	NA	**370**	**300**	NA	**350**	**430**	NA	**390**	**420**
	Mercury	mg/kg	1.82E+02	1.82E+01	NA	<0.013	**0.013**	NA	**0.044**	<0.013	NA	**0.016**	**0.020**	NA	**0.033**	**0.033**	NA	**0.019**	**0.020**
	Molybdenum	mg/kg	5.68E+03	5.68E+02	NA	**0.28**	**0.26**	NA	**0.20**	**0.27**	NA	**0.20**	**0.28**	NA	**0.29**	**0.48**	NA	**0.48**	**0.41**
	Nickel	mg/kg	2.18E+04	2.18E+03	NA	**16**	**14**	NA	**17**	**15**	NA	**15**	**15**	NA	**14**	**15**	NA	**17**	**15**
	Phosphorus	mg/kg	2.27E+01	2.27E+00	NA	**1300**	**810**	NA	**730**	**860**	NA	**830**	**870**	NA	**960**	**860**	NA	**1200**	**1300**
	Potassium	mg/kg	--	--	NA	**2500**	**2200**	NA	**1800J+**	**2000**	NA	**2900**	**2700**	NA	**2900**	**2600**	NA	**3000**	**3100**
	Selenium	mg/kg	5.68E+03	5.68E+02	NA	**0.72**	**0.82**	NA	**0.81**	**0.56**	NA	**0.78**	**0.88**	NA	**0.76**	**0.90**	NA	**0.76**	**0.75**
	Silver	mg/kg	5.68E+03	5.68E+02	NA	**0.10**	**0.09**	NA	**0.071**	**0.082**	NA	**0.083**	**0.081**	NA	**0.085**	**0.078**	NA	**0.083**	**0.071**
	Sodium	mg/kg	--	--	NA	**430**	**390**	NA	**480**	**790**	NA	**260**	**410**	NA	**390**	**340**	NA	**500J+**	**590J+**
	Sulfur	mg/kg	--	--	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23
	Thallium	mg/kg	7.49E+01	7.49E+00	NA	**0.14**	**0.13**	NA	**0.13**	**0.097**	NA	**0.13**	**0.11**	NA	**0.12**	**0.11**	NA	**0.15**	**0.13**
	Tin	mg/kg	1.00E+05	1.00E+04	NA	**2.0**	**2.2**	NA	**2.4**	**2.2**	NA	**1.9**	**2.1**	NA	**2.6**	**2.2**	NA	<1.4	<1.4
	Uranium	mg/kg	3.40E+03	3.40E+02	NA	**0.87**	**0.93**	NA	**1.0**	**0.95**	NA	**1.2**	**1.2**	NA	**0.91**	**1.0**	NA	**0.82**	**0.77**
	Vanadium	mg/kg	5.68E+03	5.68E+02	NA	**28**	**29**	NA	**30**	**32**	NA	**29**	**30**	NA	**25**	**30**	NA	**27**	**25**
	Zinc	mg/kg	1.00E+05	1.00E+04	NA	**40**	**31**	NA	**33**	**30**	NA	**32**	**31**	NA	**48**	**30**	NA	**43**	**36**
PEST	2,4-DDD	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	NA	**0.029**	**0.0027**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.21**	**0.18**
	2,4'-DDT	mg/kg	--	--	NA	**0.066**	**0.004**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0019**	<0.0016	NA	**0.004**	**0.0041**
	4,4-DDD	mg/kg	1.11E+01	1.11E+00	NA	**0.0051**	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0017**	<0.0016	NA	<0.0016	<0.0016
	4,4-DDE	mg/kg	7.81E+00	7.81E-01	NA	**0.25**	**0.024**	NA	**0.0032**	<0.0016	NA	<0.0016	<0.0016	NA	**0.10**	**0.0096**	NA	**2.2**	**2**
	4,4-DDT	mg/kg	7.81E+00	7.81E-01	NA	**0.58**	**0.03**	NA	**0.0024**	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.091**	**0.071**
	Aldrin	mg/kg	1.13E-01	1.13E-02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	alpha-BHC	mg/kg	2.70E+02	2.70E+01	NA	**0.0018**	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	beta-BHC	mg/kg	5.39E+01	5.39E+00	NA	**0.15**	**0.0092**	NA	**0.0080**	<0.0016	NA	**0.0095**	<0.0016	NA	**0.024**	**0.0094**	NA	**0.13**	**0.093**
	Chlordane	mg/kg	7.19E+00	7.19E-01	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011
	delta-BHC	mg/kg	2.70E+02	2.70E+01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Dieldrin	mg/kg	1.20E-01	1.20E-02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016

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Highlighting	Indicates Exceedance of BCL

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BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-6			SB-7			SB-8			SB-9			SB-10		
				Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	0.5
				Date / 1/10 BCL	12/8/2009	12/8/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate
PEST	Endosulfan II	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Endrin	mg/kg	2.05E+02	2.05E+01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	8.98E+00	8.98E-01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Heptachlor	mg/kg	4.26E-01	4.26E-02	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.10E-01	2.10E-02	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Methoxychlor	mg/kg	3.42E+03	3.42E+02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Toxaphene	mg/kg	1.74E+00	1.74E-01	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA

Highlighting	Indicates Exceedance of one-tenth of BCL
Highlighting	Indicates Exceedance of BCL

Notes provided on page 8 of 8

TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-10	SB-11			SB-12			SB-13			SB-14		
				Sample Depth (ft bgs)	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3
				Date / 1/10 BCL	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	3.41E+02	3.41E+01	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11
INORG	pH	pH Units	--	--	**9.2**	NA	**9.2**	**9.4**	NA	**9.6**	**9.8**	NA	**9.1**	**9.3**	NA	**9.4**	**8.9**
	Aluminum	mg/kg	1.00E+05	1.00E+04	**10000**	NA	**11000**	**12000**	NA	**11000**	**9000**	NA	**8900**	**9000**	NA	**12000**	**11000**
	Antimony	mg/kg	4.54E+02	4.54E+01	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J
	Arsenic	mg/kg	1.77E+00	1.77E-01	**3.7**	NA	**2.5**	**3.6**	NA	**5.6**	**4.2**	NA	**5.5**	**4.2**	NA	**2.9**	**3.3**
	Barium	mg/kg	1.00E+05	1.00E+04	**140**	NA	**180**	**260**	NA	**470**	**180**	NA	**360**	**220**	NA	**190**	**180**
	Beryllium	mg/kg	2.23E+03	2.23E+02	**0.47**	NA	**0.50**	**0.63**	NA	**0.47**	**0.45**	NA	**0.35**	**0.46**	NA	**0.56**	**0.50**
	Cadmium	mg/kg	1.11E+03	1.11E+02	**0.57**	NA	**0.63**	**0.66**	NA	**0.36**	**0.57**	NA	**0.36**	**0.67**	NA	**0.58**	**0.60**
	Calcium	mg/kg	--	--	**51000J**	NA	**27000J**	**33000J**	NA	**26000J**	**58000J**	NA	**30000J**	**35000J**	NA	**27000J**	**39000J**
	Chromium	mg/kg	--	--	**9.8**	NA	**8.7**	**11**	NA	**7.1**	**9.0**	NA	**7.4**	**9.1**	NA	**11**	**11**
	Chromium [VI]	mg/kg	1.36E+03	1.36E+02	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13
	Cobalt	mg/kg	3.37E+02	3.37E+01	**6.6**	NA	**6.5**	**6.8**	NA	**3.9**	**5.8**	NA	**4.0**	**6.3**	NA	**7.3**	**6.0**
	Copper	mg/kg	4.22E+04	4.22E+03	**13**	NA	**14**	**14**	NA	**8.0**	**11**	NA	**8.6**	**14**	NA	**15**	**14**
	Iron	mg/kg	1.00E+05	1.00E+04	**25000**	NA	**25000**	**25000**	NA	**17000**	**17000**	NA	**15000**	**20000**	NA	**25000**	**22000**
	Lead	mg/kg	8.00E+02	8.00E+01	**6.6**	NA	**9.1**	**8.0**	NA	**10**	**6.0**	NA	**9.8**	**12**	NA	**9.3**	**12**
	Magnesium	mg/kg	1.00E+05	1.00E+04	**13000**	NA	**10000**	**11000**	NA	**7100**	**12000**	NA	**7700**	**8200**	NA	**10000**	**13000**
	Manganese	mg/kg	2.49E+04	2.49E+03	**250**	NA	**400**	**310**	NA	**280**	**240**	NA	**270**	**340**	NA	**400**	**400**
	Mercury	mg/kg	1.82E+02	1.82E+01	**0.016**	NA	**0.022**	**0.019**	NA	<0.013	**0.020**	NA	<0.013	**0.021**	NA	**0.027**	**0.024**
	Molybdenum	mg/kg	5.68E+03	5.68E+02	**0.16**	NA	**0.25**	**0.2**	NA	**0.21**	**0.24**	NA	**0.28**	**0.34**	NA	**0.42**	**0.39**
	Nickel	mg/kg	2.18E+04	2.18E+03	**15**	NA	**15**	**14**	NA	**9.1**	**14**	NA	**10**	**14**	NA	**14**	**14**
	Phosphorus	mg/kg	2.27E+01	2.27E+00	**870**	NA	**1300**	**820**	NA	**680**	**910**	NA	**740**	**790**	NA	**740**	**750**
	Potassium	mg/kg	--	--	**2600**	NA	**3300**	**3200**	NA	**3300**	**2500**	NA	**3200**	**3000**	NA	**3400**	**2900**
	Selenium	mg/kg	5.68E+03	5.68E+02	**0.67**	NA	**0.65**	**0.85**	NA	**0.40**	**0.75**	NA	**0.43**	**0.94**	NA	**0.63**	**0.63**
	Silver	mg/kg	5.68E+03	5.68E+02	**0.065**	NA	**0.075**	**0.086**	NA	**0.041**	**0.067**	NA	**0.056**	**0.070**	NA	**0.065**	**0.068**
	Sodium	mg/kg	--	--	**490J+**	NA	**620J+**	**600J+**	NA	**1200J+**	**930J+**	NA	**630J+**	**520J+**	NA	**440J+**	**570J+**
	Sulfur	mg/kg	--	--	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23
	Thallium	mg/kg	7.49E+01	7.49E+00	**0.089**	NA	**0.11**	**0.12**	NA	**0.11**	**0.11**	NA	**0.12**	**0.12**	NA	**0.13**	**0.15**
	Tin	mg/kg	1.00E+05	1.00E+04	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4
	Uranium	mg/kg	3.40E+03	3.40E+02	**0.86**	NA	**0.70**	**1.2**	NA	**0.96**	**1.2**	NA	**1.1**	**0.95**	NA	**0.82**	**1.1**
	Vanadium	mg/kg	5.68E+03	5.68E+02	**28**	NA	**24**	**31**	NA	**19**	**26**	NA	**20**	**27**	NA	**26**	**27**
	Zinc	mg/kg	1.00E+05	1.00E+04	**27**	NA	**33**	**32**	NA	**32**	**24**	NA	**31**	**32**	NA	**33**	**30**
PEST	2,4-DDD	mg/kg	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	**0.0032**	NA	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	**0.0018**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0058**	**0.032**	NA	<0.0016	<0.0016
	2,4'-DDT	mg/kg	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0030**	**0.056**	NA	<0.0016	<0.0016
	4,4-DDD	mg/kg	1.11E+01	1.11E+00	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0017**	**0.0071**	NA	<0.0016	<0.0016
	4,4-DDE	mg/kg	7.81E+00	7.81E-01	**0.015**	NA	**0.0071**	<0.0016	NA	<0.0016	<0.0016	NA	**0.017**	**0.26**	NA	**0.0047**	**0.0073**
	4,4-DDT	mg/kg	7.81E+00	7.81E-01	<0.0016	NA	**0.0018**	<0.0016	NA	<0.0016	<0.0016	NA	**0.028**	**0.45**	NA	**0.0048**	**0.0051**
	Aldrin	mg/kg	1.13E-01	1.13E-02	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	alpha-BHC	mg/kg	2.70E+02	2.70E+01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0017**	**0.0034**	NA	<0.0016	<0.0016
	beta-BHC	mg/kg	5.39E+01	5.39E+00	<0.0016	NA	**0.033**	<0.0016	NA	**0.012**	<0.0016	NA	**0.17**	**0.21**	NA	**0.27**	**0.10**
	Chlordane	mg/kg	7.19E+00	7.19E-01	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011
	delta-BHC	mg/kg	2.70E+02	2.70E+01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Dieldrin	mg/kg	1.20E-01	1.20E-02	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016

Highlighting Indicates Exceedance of one-tenth of BCL
Highlighting Indicates Exceedance of BCL
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TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-10	SB-11			SB-12			SB-13			SB-14		
				Sample Depth (ft bgs)	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3
				Date / 1/10 BCL	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
PEST	Endosulfan II	mg/kg	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Endrin	mg/kg	2.05E+02	2.05E+01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	8.98E+00	8.98E-01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Heptachlor	mg/kg	4.26E-01	4.26E-02	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.10E-01	2.10E-02	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Methoxychlor	mg/kg	3.42E+03	3.42E+02	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Toxaphene	mg/kg	1.74E+00	1.74E-01	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA

Highlighting	Indicates Exceedance of one-tenth of BCL
Highlighting	Indicates Exceedance of BCL

Notes provided on page 8 of 8

TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-15			SB-16			SB-17	
				Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	3
				Date / 1/10 BCL	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	3.41E+02	3.41E+01	NA	<0.11	<0.11	NA	<0.11	<0.11	<0.11	<0.11
INORG	pH	pH Units	--	--	NA	**9.6**	**9.7**	NA	**9.7**	**8.8**	**8.4**	**8.2**
	Aluminum	mg/kg	1.00E+05	1.00E+04	NA	**12000**	**11000**	NA	**11000**	**12000**	**12000**	**12000**
	Antimony	mg/kg	4.54E+02	4.54E+01	NA	<0.015	<0.015	NA	<0.015J	<0.015J	<0.014J	<0.014J
	Arsenic	mg/kg	1.77E+00	1.77E-01	NA	**4.0**	**3.1**	NA	**4.3**	**3.7**	**3.1**	**3.4**
	Barium	mg/kg	1.00E+05	1.00E+04	NA	**200**	**190**	NA	**180**	**160**	**220**	**210**
	Beryllium	mg/kg	2.23E+03	2.23E+02	NA	**0.64**	**0.54**	NA	**0.55**	**0.60**	**0.61**	**0.73**
	Cadmium	mg/kg	1.11E+03	1.11E+02	NA	**0.80**	**0.79**	NA	**0.78**	**0.61**	**0.56**	**0.57**
	Calcium	mg/kg	--	--	NA	**33000**	**21000**	NA	**40000**	**35000**	**20000J**	**29000J**
	Chromium	mg/kg	--	--	NA	**13**	**9.5**	NA	**12**	**10**	**11**	**11**
	Chromium [VI]	mg/kg	1.36E+03	1.36E+02	NA	<0.13	<0.13	NA	<0.13	<0.13	<0.13	<0.13
	Cobalt	mg/kg	3.37E+02	3.37E+01	NA	**6.8**	**6.7**	NA	**7.2**	**6.0**	**7.2**	**7.5**
	Copper	mg/kg	4.22E+04	4.22E+03	NA	**15**	**15**	NA	**21J-**	**14**	**17J**	**15J**
	Iron	mg/kg	1.00E+05	1.00E+04	NA	**22000**	**24000**	NA	**21000**	**22000**	**22000**	**21000**
	Lead	mg/kg	8.00E+02	8.00E+01	NA	**13**	**7.4**	NA	**20**	**8.0**	**8.9**	**9.4**
	Magnesium	mg/kg	1.00E+05	1.00E+04	NA	**13000J**	**10000J**	NA	**20000J**	**13000J**	**9500**	**10000**
	Manganese	mg/kg	2.49E+04	2.49E+03	NA	**410**	**290**	NA	**500**	**270**	**420**	**440**
	Mercury	mg/kg	1.82E+02	1.82E+01	NA	**0.029**	<0.013	NA	**0.022**	**0.026**	**0.019**	<0.013
	Molybdenum	mg/kg	5.68E+03	5.68E+02	NA	**0.54**	**0.19**	NA	**0.83**	**0.60**	**0.24**	**0.25**
	Nickel	mg/kg	2.18E+04	2.18E+03	NA	**15**	**18**	NA	**16**	**15**	**15**	**16**
	Phosphorus	mg/kg	2.27E+01	2.27E+00	NA	**870**	**1400**	NA	**950**	**820**	**1200**	**1000**
	Potassium	mg/kg	--	--	NA	**3200**	**2200**	NA	**3300**	**3200**	**3600**	**4100**
	Selenium	mg/kg	5.68E+03	5.68E+02	NA	**0.66**	**0.48**	NA	**0.60**	**0.77**	**1.1**	**1.6**
	Silver	mg/kg	5.68E+03	5.68E+02	NA	**0.085**	**0.091**	NA	**0.092J-**	**0.079**	<0.019	<0.019
	Sodium	mg/kg	--	--	NA	**730J+**	**800J+**	NA	**1800J+**	**1300J+**	**640J-**	**500J-**
	Sulfur	mg/kg	--	--	NA	<23	<23	NA	**610**	**540**	**210**	**270**
	Thallium	mg/kg	7.49E+01	7.49E+00	NA	**0.17**	**0.089**	NA	**0.26**	**0.10**	**0.11**	**0.21**
	Tin	mg/kg	1.00E+05	1.00E+04	NA	<1.4	<1.4	NA	**3.4**	**1.4**	**5.1**	**4.9**
	Uranium	mg/kg	3.40E+03	3.40E+02	NA	**1.1**	**1.0**	NA	**1.0**	**1.2**	**0.68**	**0.75**
	Vanadium	mg/kg	5.68E+03	5.68E+02	NA	**31**	**30**	NA	**29**	**27**	**28**	**27**
	Zinc	mg/kg	1.00E+05	1.00E+04	NA	**93**	**31**	NA	**51J-**	**30**	**34**	**34**
PEST	2,4-DDD	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	2,4'-DDT	mg/kg	--	--	NA	**0.014**	<0.0016	NA	**0.0044**	<0.0016	<0.0016	<0.0016
	4,4-DDD	mg/kg	1.11E+01	1.11E+00	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	4,4-DDE	mg/kg	7.81E+00	7.81E-01	NA	**0.15**	<0.0016	NA	**0.24**	<0.0016	**0.0031**	**0.0083**
	4,4-DDT	mg/kg	7.81E+00	7.81E-01	NA	**0.22**	<0.0016	NA	**0.059J+**	<0.0016	**0.0017**	**0.0042**
	Aldrin	mg/kg	1.13E-01	1.13E-02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	alpha-BHC	mg/kg	2.70E+02	2.70E+01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	beta-BHC	mg/kg	5.39E+01	5.39E+00	NA	**0.25**	<0.0016	NA	**0.81**	**0.0061**	**0.031**	**0.032**
	Chlordane	mg/kg	7.19E+00	7.19E-01	NA	<0.011	<0.011	NA	<0.011	<0.011	<0.011	<0.011
	delta-BHC	mg/kg	2.70E+02	2.70E+01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Dieldrin	mg/kg	1.20E-01	1.20E-02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016

Highlighting	Indicates Exceedance of one-tenth of BCL
Highlighting	Indicates Exceedance of BCL

Notes provided on page 8 of 8

TABLE 3
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
BCL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	Outdoor BCL	Location	SB-15			SB-16			SB-17	
				Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	3
				Date / 1/10 BCL	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
PEST	Endosulfan II	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	Endrin	mg/kg	2.05E+02	2.05E+01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	8.98E+00	8.98E-01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Heptachlor	mg/kg	4.26E-01	4.26E-02	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.10E-01	2.10E-02	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	Methoxychlor	mg/kg	3.42E+03	3.42E+02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Toxaphene	mg/kg	1.74E+00	1.74E-01	NA	<0.054	<0.054	NA	<0.054	<0.054	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA

Notes:
Soil data presented in this table has been converted from a wet-weight basis to a dry-weight basis as per the NDEP-approved conversion method, as described in the technical memorandum prepared by Geosyntec (2011).

--	No BCL established
BCLs	Nevada Department of Environmental Protection Basic Comparison Levels for Industrial Worker, August 2013
BHC	Benzene Hexachloride
Bolded	Indicates detected analytes
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
ft bgs	feet below ground surface
Highlighting	Indicates exceedance of one-tenth of BCL
Highlighting	Indicates exceedance of BCL
INORG	Inorganic Compounds
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
J+	Estimated value with a positive bias.
J-	Estimated value with a negative bias.
mg/kg	milligrams per kilogram
NA	Not analyzed
NDEP	Nevada Division of Environmental Protection
PEST	Pesticides
structure/g PM10	structures, less than 10 microns in diameter, per gram
SVOCs	Semivolatile Organic Compounds
U	The sample was analyzed for, but was not detected above the sample quantitation or detection limit or applied due to suspected blank contamination.
UJ	The sample was analyzed for, but was not detected. The associated quantitation or detection limit is an estimate.
VOCs	Volatile Organic Compounds

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-1			SB-2		SB-3			SB-4				SB-5		
					Sample Depth (ft bgs)	0.5	3	3	0.5	3	0.5	0.5	3	0.5	0.5	3	3	0.5	0.5	3
					Date / LBCL (DAF=20)	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	--	--	--	<0.11	<0.11	<0.11	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	<0.11	NA	<0.11	<0.11
INORG	pH	pH Units	--	--	--	8.4	8.5	8.5	8.7	8.5	NA	9.7	9.5	NA	8.5	8.8	8.7	NA	8.3	8.8
	Aluminum	mg/kg	1.10E+06	7.50E+01	1.50E+03	9700	8900	12000	11000	10000	NA	8200	10000	NA	12000	9800	10000	NA	11000	9700
	Antimony	mg/kg	4.70E+02	3.00E-01	6.00E+00	<0.013J	<0.015J	<0.014J	<0.014J	<0.014J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	<0.015J	NA	<0.015J	<0.015J
	Arsenic	mg/kg	3.00E+00	1.00E+00	2.00E+01	3.1	3.5	3.4	2.8	3.9	NA	4.6	2.8	NA	2.6	4.0	3.4	NA	3.3	3.2
	Barium	mg/kg	2.20E+05	8.20E+01	1.64E+03	130	170	190	150	190	NA	250	180	NA	200	160	160	NA	180	150
	Beryllium	mg/kg	2.30E+03	3.00E+00	6.00E+01	0.55	0.59	0.50	0.58	0.6	NA	0.36	0.52	NA	0.50	0.62	0.49	NA	0.60	0.55
	Cadmium	mg/kg	9.80E+02	4.00E-01	8.00E+00	0.51	0.56	0.57	0.49	0.57	NA	0.32	0.68	NA	0.67	0.61	0.50	NA	0.65	0.52
	Calcium	mg/kg	--	--	--	27000J	20000J	20000J	18000J	34000J	NA	34000J	20000J	NA	29000J	33000J	30000J	NA	32000J	31000J
	Chromium	mg/kg	--	--	--	7.8	8.8	9.6	9.1	12	NA	5.6	10	NA	10	11	8.9	NA	11	10
	Chromium [VI]	mg/kg	6.30E+00	2.00E+00	4.00E+01	<0.13	<0.13	<0.13	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	<0.13	NA	<0.13	<0.13
	Cobalt	mg/kg	3.50E+02	4.95E-01	9.90E+00	5.8	6.5	6.2	6.8	6.8	NA	3.6	7.2	NA	6.4	7.3	6.0	NA	7.0	7.6
	Copper	mg/kg	4.70E+04	4.58E+01	9.15E+02	14J	14J	13J	15J	15J	NA	7.8	14	NA	14	14	10	NA	14	14
	Iron	mg/kg	8.20E+05	7.56E+00	1.51E+02	17000	18000	20000	19000	21000	NA	14000	22000	NA	28000	20000	24000	NA	25000	22000
	Lead	mg/kg	8.00E+02	--	--	7.6	8.6	8.7	13	9.7	NA	9.5	8.7	NA	10	8.1	7.4	NA	10	8.2
	Magnesium	mg/kg	--	9.73E+02	1.95E+04	9300	8200	9400	11000	9600	NA	6400	8800	NA	10000	8900	10000	NA	12000	10000
	Manganese	mg/kg	2.60E+04	1.30E+00	2.61E+01	330	360	360	320	330	NA	330	340J	NA	370	340	320	NA	360	350
	Mercury	mg/kg	4.00E+01	1.04E-01	2.09E+00	0.019	<0.013	<0.013	0.019	0.018	NA	0.013	<0.013	NA	0.024	0.018	0.019	NA	0.019	0.025
	Molybdenum	mg/kg	5.80E+03	3.69E+00	7.37E+01	0.33	0.43	0.49	0.21	0.24	NA	0.21	0.24	NA	0.29	0.19	0.17	NA	0.27	0.21
	Nickel	mg/kg	2.20E+04	7.00E+00	1.40E+02	14	14	15	15	15	NA	8.5	15	NA	14	14	12	NA	15	16
	Phosphorus	mg/kg	2.30E+01	--	--	1100	1000	1100	1000	1000	NA	760	980	NA	1000	860	1000	NA	1100	900
	Potassium	mg/kg	--	--	--	5100	4300	4900	3100	3200	NA	2900	2700	NA	3600	2800	3100	NA	3500	3600
	Selenium	mg/kg	5.80E+03	3.00E-01	6.00E+00	1.3	1.5	1.4	0.81	1.0	NA	0.70	0.85	NA	0.58	0.40	0.86	NA	0.89	0.73
	Silver	mg/kg	5.80E+03	8.50E-01	1.70E+01	<0.018	<0.021	<0.02	<0.019	<0.02	NA	0.043	0.12	NA	0.075	0.070	0.06	NA	0.076	0.063
	Sodium	mg/kg	--	--	--	1800J-	1700J-	2000J-	760J-	580J-	NA	570J+	540J+	NA	660J+	440J+	520J+	NA	630J+	480J+
	Sulfur	mg/kg	--	--	--	370	1500	2200	340	270	NA	<23	<23	NA	<23	<23	<23	NA	<23	<23
	Thallium	mg/kg	1.20E+01	4.00E-01	8.00E+00	0.12	0.13	0.12	<0.0033	0.11	NA	0.093	0.14	NA	0.12	0.12	0.11	NA	0.14	0.12
	Tin	mg/kg	7.00E+05	--	--	4.3	4.8	5.2	4.8	4.9	NA	<1.4	<1.4	NA	<1.4	<1.4	<1.4	NA	<1.4	<1.4
	Uranium	mg/kg	3.50E+03	1.35E+01	2.70E+02	0.92	0.87	0.85	0.70	0.98	NA	0.73	0.78	NA	0.72	1.0	0.82	NA	0.93	1.2
	Vanadium	mg/kg	5.80E+03	3.00E+02	6.00E+03	21	22	25	24	30	NA	17	28	NA	27	30	24	NA	28	27
	Zinc	mg/kg	3.50E+05	6.20E+02	1.24E+04	31	33	32	31	31	NA	29	31	NA	33	31	26	NA	32	32
PEST	2,4-DDD	mg/kg	--	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0027	<0.0016	<0.0016	NA	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	--	<0.0016	<0.0016	<0.0016	0.0016J+	0.0042	NA	0.014J	<0.0016	NA	0.080	<0.0016	<0.0016	NA	0.015	<0.0016
	2,4'-DDT	mg/kg	--	--	--	<0.0016	<0.0016	<0.0016	0.0018J+	0.0029	NA	0.0022	<0.0016	NA	0.059	<0.0016	<0.0016	NA	0.0086	<0.0016
	4,4-DDD	mg/kg	9.60E+00	8.00E-01	1.60E+01	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0051	<0.0016	<0.0016	NA	0.0033	<0.0016
	4,4-DDE	mg/kg	6.80E+00	3.00E+00	6.00E+01	<0.0016	0.0049	0.0027	0.013J+	0.034	NA	0.017	<0.0016	NA	0.51	0.0025J	0.0033	NA	0.077	<0.0016
	4,4-DDT	mg/kg	8.60E+00	2.00E+00	4.00E+01	<0.0016	0.0040	0.0026	0.0073J+	0.020	NA	0.013	<0.0016	NA	0.44	<0.0016	<0.0016	NA	0.065	<0.0016
	Aldrin	mg/kg	1.40E-01	2.00E-02	4.00E-01	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	alpha-BHC	mg/kg	3.70E-01	2.91E-02	5.83E-01	<0.0016	<0.0016	<0.0016	0.0024J+	<0.0016	NA	0.0020	<0.0016	NA	0.0017	<0.0016	<0.0016	NA	<0.0016	<0.0016
	beta-BHC	mg/kg	1.30E+00	5.96E-03	1.19E-01	0.0032	0.0090	0.0056	0.066J+	0.020	NA	0.083	0.013	NA	0.24	0.0025	0.0029	NA	0.37	0.0021
	Chlordane	mg/kg	8.00E+00	5.00E-01	1.00E+01	<0.011	<0.011	<0.011	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	<0.011	NA	<0.011	<0.011
	delta-BHC	mg/kg	--	3.08E+01	6.15E+02	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Dieldrin	mg/kg	1.40E-01	2.00E-04	4.00E-03	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

Notes provided on page 8 of 8

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-1			SB-2		SB-3			SB-4				SB-5		
					Sample Depth (ft bgs)	0.5	3	3	0.5	3	0.5	0.5	3	0.5	0.5	3	3	0.5	0.5	3
					Date / LBCL (DAF=20)	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009
PEST	Endosulfan II	mg/kg	--	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	--	<0.0021	<0.0021	<0.0021	**0.0022J+**	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Endrin	mg/kg	2.50E+02	5.00E-02	1.00E+00	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	--	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	--	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	2.50E+00	5.00E-04	1.00E-02	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Heptachlor	mg/kg	5.10E-01	1.00E+00	2.00E+01	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.50E-01	3.00E-02	6.00E-01	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Methoxychlor	mg/kg	4.10E+03	8.00E+00	1.60E+02	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Toxaphene	mg/kg	2.10E+00	2.00E+00	4.00E+01	<0.054	<0.054	<0.054	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	<0.054	NA	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

Notes provided on page 8 of 8

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-6			SB-7			SB-8			SB-9			SB-10		
					Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	0.5
					Date / LBCL (DAF=20)	12/8/2009	12/8/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	--	--	--	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11
INORG	pH	pH Units	--	--	--	NA	8.6	8.7	NA	8.8	9.1	NA	9.2	9.2	NA	9.3	9.7	NA	9.2	9.3
	Aluminum	mg/kg	1.10E+06	7.50E+01	1.50E+03	NA	9400	10000	NA	10000	9500	NA	10000	10000	NA	9400	8900	NA	11000	11000
	Antimony	mg/kg	4.70E+02	3.00E-01	6.00E+00	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J
	Arsenic	mg/kg	3.00E+00	1.00E+00	2.00E+01	NA	3.2	3.7	NA	3.2	3.6	NA	3.6	3.5	NA	3.4	4.1	NA	2.7	2.7
	Barium	mg/kg	2.20E+05	8.20E+01	1.64E+03	NA	180	190	NA	240	160	NA	260	170	NA	200	210	NA	210	200
	Beryllium	mg/kg	2.30E+03	3.00E+00	6.00E+01	NA	0.66	0.62	NA	0.63	0.64	NA	0.64	0.59	NA	0.58	0.51	NA	0.64	0.64
	Cadmium	mg/kg	9.80E+02	4.00E-01	8.00E+00	NA	0.68	0.74	NA	0.68	0.75	NA	0.63	0.58	NA	0.63	0.62	NA	0.73	0.63
	Calcium	mg/kg	--	--	--	NA	43000	36000	NA	31000J	32000	NA	28000	27000	NA	25000	54000	NA	28000J	30000J
	Chromium	mg/kg	--	--	--	NA	13	11	NA	12	9.7	NA	12	11	NA	10	9.4	NA	12	10
	Chromium [VI]	mg/kg	6.30E+00	2.00E+00	4.00E+01	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13
	Cobalt	mg/kg	3.50E+02	4.95E-01	9.90E+00	NA	7.2	6.5	NA	13J-	6.7	NA	7.5	6.3	NA	6.2	7.2	NA	7.6	7.3
	Copper	mg/kg	4.70E+04	4.58E+01	9.15E+02	NA	16	13	NA	17J-	15	NA	14	14	NA	14	15	NA	21	16
	Iron	mg/kg	8.20E+05	7.56E+00	1.51E+02	NA	13000	14000	NA	13000	12000	NA	14000	12000	NA	10000	12000	NA	22000	24000
	Lead	mg/kg	8.00E+02	--	--	NA	13	9.5	NA	7.8	6.6	NA	9.1	7.3	NA	12	7.9	NA	13	9.8
	Magnesium	mg/kg	--	9.73E+02	1.95E+04	NA	8300	8800	NA	8200	10000	NA	9000	12000	NA	9000	11000	NA	10000	12000
	Manganese	mg/kg	2.60E+04	1.30E+00	2.61E+01	NA	370	290	NA	500	290	NA	370	300	NA	350	430	NA	390	420
	Mercury	mg/kg	4.00E+01	1.04E-01	2.09E+00	NA	<0.013	0.013	NA	0.044	<0.013	NA	0.016	0.02	NA	0.033	0.033	NA	0.019	0.02
	Molybdenum	mg/kg	5.80E+03	3.69E+00	7.37E+01	NA	0.28	0.26	NA	0.20	0.27	NA	0.2	0.28	NA	0.29	0.48	NA	0.48	0.41
	Nickel	mg/kg	2.20E+04	7.00E+00	1.40E+02	NA	16	14	NA	17	15	NA	15	15	NA	14	15	NA	17	15
	Phosphorus	mg/kg	2.30E+01	--	--	NA	1300	810	NA	730	860	NA	830	870	NA	960	860	NA	1200	1300
	Potassium	mg/kg	--	--	--	NA	2500	2200	NA	1800J+	2000	NA	2900	2700	NA	2900	2600	NA	3000	3100
	Selenium	mg/kg	5.80E+03	3.00E-01	6.00E+00	NA	0.72	0.82	NA	0.81	0.56	NA	0.78	0.88	NA	0.76	0.9	NA	0.76	0.75
	Silver	mg/kg	5.80E+03	8.50E-01	1.70E+01	NA	0.10	0.09	NA	0.071	0.082	NA	0.083	0.081	NA	0.085	0.078	NA	0.083	0.071
	Sodium	mg/kg	--	--	--	NA	430	390	NA	480	790	NA	260	410	NA	390	340	NA	500J+	590J+
	Sulfur	mg/kg	--	--	--	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23
	Thallium	mg/kg	1.20E+01	4.00E-01	8.00E+00	NA	0.14	0.13	NA	0.13	0.097	NA	0.13	0.11	NA	0.12	0.11	NA	0.15	0.13
	Tin	mg/kg	7.00E+05	--	--	NA	2.0	2.2	NA	2.4	2.2	NA	1.9	2.1	NA	2.6	2.2	NA	<1.4	<1.4
	Uranium	mg/kg	3.50E+03	1.35E+01	2.70E+02	NA	0.87	0.93	NA	1.0	0.95	NA	1.2	1.2	NA	0.91	1.0	NA	0.82	0.77
	Vanadium	mg/kg	5.80E+03	3.00E+02	6.00E+03	NA	28	29	NA	30	32	NA	29	30	NA	25	30	NA	27	25
	Zinc	mg/kg	3.50E+05	6.20E+02	1.24E+04	NA	40	31	NA	33	30	NA	32	31	NA	48	30	NA	43	36
PEST	2,4-DDD	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	--	NA	0.029	0.0027	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.21	0.18
	2,4'-DDT	mg/kg	--	--	--	NA	0.066	0.004	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0019	<0.0016	NA	0.0040	0.0041
	4,4-DDD	mg/kg	9.60E+00	8.00E-01	1.60E+01	NA	0.0051	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0017	<0.0016	NA	<0.0016	<0.0016
	4,4-DDE	mg/kg	6.80E+00	3.00E+00	6.00E+01	NA	0.25	0.024	NA	0.0032	<0.0016	NA	<0.0016	<0.0016	NA	0.10	0.0096	NA	2.2	2.0
	4,4-DDT	mg/kg	8.60E+00	2.00E+00	4.00E+01	NA	0.58	0.030	NA	0.0024	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.091	0.071
	Aldrin	mg/kg	1.40E-01	2.00E-02	4.00E-01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	alpha-BHC	mg/kg	3.70E-01	2.91E-02	5.83E-01	NA	0.0018	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	beta-BHC	mg/kg	1.30E+00	5.96E-03	1.19E-01	NA	0.15	0.0092	NA	0.0080	<0.0016	NA	0.0095	<0.0016	NA	0.024	0.0094	NA	0.13	0.093
	Chlordane	mg/kg	8.00E+00	5.00E-01	1.00E+01	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011
	delta-BHC	mg/kg	--	3.08E+01	6.15E+02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Dieldrin	mg/kg	1.40E-01	2.00E-04	4.00E-03	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

Notes provided on page 8 of 8

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-6			SB-7			SB-8			SB-9			SB-10		
					Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	0.5
					Date / LBCL (DAF=20)	12/8/2009	12/8/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate
PEST	Endosulfan II	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Endrin	mg/kg	2.50E+02	5.00E-02	1.00E+00	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	2.50E+00	5.00E-04	1.00E-02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Heptachlor	mg/kg	5.10E-01	1.00E+00	2.00E+01	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.50E-01	3.00E-02	6.00E-01	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Methoxychlor	mg/kg	4.10E+03	8.00E+00	1.60E+02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Toxaphene	mg/kg	2.10E+00	2.00E+00	4.00E+01	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8920000	NA	NA	<8870000	NA	NA

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

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TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-10	SB-11			SB-12			SB-13			SB-14		
					Sample Depth (ft bgs)	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3
					Date / LBCL (DAF=20)	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	--	--	--	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11
INORG	pH	pH Units	--	--	--	9.2	NA	9.2	9.4	NA	9.6	9.8	NA	9.1	9.3	NA	9.4	8.9
	Aluminum	mg/kg	1.10E+06	7.50E+01	1.50E+03	10000	NA	11000	12000	NA	11000	9000	NA	8900	9000	NA	12000	11000
	Antimony	mg/kg	4.70E+02	3.00E-01	6.00E+00	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J
	Arsenic	mg/kg	3.00E+00	1.00E+00	2.00E+01	3.7	NA	2.5	3.6	NA	5.6	4.2	NA	5.5	4.2	NA	2.9	3.3
	Barium	mg/kg	2.20E+05	8.20E+01	1.64E+03	140	NA	180	260	NA	470	180	NA	360	220	NA	190	180
	Beryllium	mg/kg	2.30E+03	3.00E+00	6.00E+01	0.47	NA	0.50	0.63	NA	0.47	0.45	NA	0.35	0.46	NA	0.56	0.50
	Cadmium	mg/kg	9.80E+02	4.00E-01	8.00E+00	0.57	NA	0.63	0.66	NA	0.36	0.57	NA	0.36	0.67	NA	0.58	0.60
	Calcium	mg/kg	--	--	--	51000J	NA	27000J	33000J	NA	26000J	58000J	NA	30000J	35000J	NA	27000J	39000J
	Chromium	mg/kg	--	--	--	9.8	NA	8.7	11	NA	7.1	9.0	NA	7.4	9.1	NA	11	11
	Chromium [VI]	mg/kg	6.30E+00	2.00E+00	4.00E+01	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13
	Cobalt	mg/kg	3.50E+02	4.95E-01	9.90E+00	6.6	NA	6.5	6.8	NA	3.9	5.8	NA	4.0	6.3	NA	7.3	6
	Copper	mg/kg	4.70E+04	4.58E+01	9.15E+02	13	NA	14	14	NA	8	11	NA	8.6	14	NA	15	14
	Iron	mg/kg	8.20E+05	7.56E+00	1.51E+02	25000	NA	25000	25000	NA	17000	17000	NA	15000	20000	NA	25000	22000
	Lead	mg/kg	8.00E+02	--	--	6.6	NA	9.1	8.0	NA	10	6.0	NA	9.8	12	NA	9.3	12
	Magnesium	mg/kg	--	9.73E+02	1.95E+04	13000	NA	10000	11000	NA	7100	12000	NA	7700	8200	NA	10000	13000
	Manganese	mg/kg	2.60E+04	1.30E+00	2.61E+01	250	NA	400	310	NA	280	240	NA	270	340	NA	400	400
	Mercury	mg/kg	4.00E+01	1.04E-01	2.09E+00	0.016	NA	0.022	0.019	NA	<0.013	0.02	NA	<0.013	0.021	NA	0.027	0.024
	Molybdenum	mg/kg	5.80E+03	3.69E+00	7.37E+01	0.16	NA	0.25	0.20	NA	0.21	0.24	NA	0.28	0.34	NA	0.42	0.39
	Nickel	mg/kg	2.20E+04	7.00E+00	1.40E+02	15	NA	15	14	NA	9.1	14	NA	10	14	NA	14	14
	Phosphorus	mg/kg	2.30E+01	--	--	870	NA	1300	820	NA	680	910	NA	740	790	NA	740	750
	Potassium	mg/kg	--	--	--	2600	NA	3300	3200	NA	3300	2500	NA	3200	3000	NA	3400	2900
	Selenium	mg/kg	5.80E+03	3.00E-01	6.00E+00	0.67	NA	0.65	0.85	NA	0.40	0.75	NA	0.43	0.94	NA	0.63	0.63
	Silver	mg/kg	5.80E+03	8.50E-01	1.70E+01	0.065	NA	0.075	0.086	NA	0.041	0.067	NA	0.056	0.07	NA	0.065	0.068
	Sodium	mg/kg	--	--	--	490J+	NA	620J+	600J+	NA	1200J+	930J+	NA	630J+	520J+	NA	440J+	570J+
	Sulfur	mg/kg	--	--	--	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23
	Thallium	mg/kg	1.20E+01	4.00E-01	8.00E+00	0.089	NA	0.11	0.12	NA	0.11	0.11	NA	0.12	0.12	NA	0.13	0.15
	Tin	mg/kg	7.00E+05	--	--	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4
	Uranium	mg/kg	3.50E+03	1.35E+01	2.70E+02	0.86	NA	0.7	1.2	NA	0.96	1.2	NA	1.1	0.95	NA	0.82	1.1
	Vanadium	mg/kg	5.80E+03	3.00E+02	6.00E+03	28	NA	24	31	NA	19	26	NA	20	27	NA	26	27
	Zinc	mg/kg	3.50E+05	6.20E+02	1.24E+04	27	NA	33	32	NA	32	24	NA	31	32	NA	33	30
PEST	2,4-DDD	mg/kg	--	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	0.0032	NA	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	--	0.0018	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0058	0.032	NA	<0.0016	<0.0016
	2,4'-DDT	mg/kg	--	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0030	0.056	NA	<0.0016	<0.0016
	4,4-DDD	mg/kg	9.60E+00	8.00E-01	1.60E+01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0017	0.0071	NA	<0.0016	<0.0016
	4,4-DDE	mg/kg	6.80E+00	3.00E+00	6.00E+01	0.015	NA	0.0071	<0.0016	NA	<0.0016	<0.0016	NA	0.017	0.26	NA	0.0047	0.0073
	4,4-DDT	mg/kg	8.60E+00	2.00E+00	4.00E+01	<0.0016	NA	0.0018	<0.0016	NA	<0.0016	<0.0016	NA	0.028	0.45	NA	0.0048	0.0051
	Aldrin	mg/kg	1.40E-01	2.00E-02	4.00E-01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	alpha-BHC	mg/kg	3.70E-01	2.91E-02	5.83E-01	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	0.0017	0.0034	NA	<0.0016	<0.0016
	beta-BHC	mg/kg	1.30E+00	5.96E-03	1.19E-01	<0.0016	NA	0.033	<0.0016	NA	0.012	<0.0016	NA	0.17	0.21	NA	0.27	0.10
	Chlordane	mg/kg	8.00E+00	5.00E-01	1.00E+01	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011
	delta-BHC	mg/kg	--	3.08E+01	6.15E+02	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Dieldrin	mg/kg	1.40E-01	2.00E-04	4.00E-03	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

Notes provided on page 8 of 8

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-10	SB-11			SB-12			SB-13			SB-14		
					Sample Depth (ft bgs)	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3	0.5	0.5	3
					Date / LBCL (DAF=20)	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
PEST	Endosulfan II	mg/kg	--	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	--	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Endrin	mg/kg	2.50E+02	5.00E-02	1.00E+00	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	--	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	--	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	2.50E+00	5.00E-04	1.00E-02	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Heptachlor	mg/kg	5.10E-01	1.00E+00	2.00E+01	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.50E-01	3.00E-02	6.00E-01	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
	Methoxychlor	mg/kg	4.10E+03	8.00E+00	1.60E+02	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
	Toxaphene	mg/kg	2.10E+00	2.00E+00	4.00E+01	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	--	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

Notes provided on page 8 of 8

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-15			SB-16			SB-17	
					Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	3
					Date / LBCL (DAF=20)	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
SVOC	2,2'-/4,4'-Dichlorobenzil	mg/kg	--	--	--	NA	<0.11	<0.11	NA	<0.11	<0.11	<0.11	<0.11
INORG	pH	pH Units	--	--	--	NA	**9.6**	**9.7**	NA	**9.7**	**8.8**	**8.4**	**8.2**
	Aluminum	mg/kg	1.10E+06	7.50E+01	1.50E+03	NA	**12000**	**11000**	NA	**11000**	**12000**	**12000**	**12000**
	Antimony	mg/kg	4.70E+02	3.00E-01	6.00E+00	NA	<0.015	<0.015	NA	<0.015J	<0.015J	<0.014J	<0.014J
	Arsenic	mg/kg	3.00E+00	1.00E+00	2.00E+01	NA	**4**	**3.1**	NA	**4.3**	**3.7**	**3.1**	**3.4**
	Barium	mg/kg	2.20E+05	8.20E+01	1.64E+03	NA	**200**	**190**	NA	**180**	**160**	**220**	**210**
	Beryllium	mg/kg	2.30E+03	3.00E+00	6.00E+01	NA	**0.64**	**0.54**	NA	**0.55**	**0.60**	**0.61**	**0.73**
	Cadmium	mg/kg	9.80E+02	4.00E-01	8.00E+00	NA	**0.80**	**0.79**	NA	**0.78**	**0.61**	**0.56**	**0.57**
	Calcium	mg/kg	--	--	--	NA	**33000**	**21000**	NA	**40000**	**35000**	**20000J**	**29000J**
	Chromium	mg/kg	--	--	--	NA	**13**	**9.5**	NA	**12**	**10**	**11**	**11**
	Chromium [VI]	mg/kg	6.30E+00	2.00E+00	4.00E+01	NA	<0.13	<0.13	NA	<0.13	<0.13	<0.13	<0.13
	Cobalt	mg/kg	3.50E+02	4.95E-01	9.90E+00	NA	**6.8**	**6.7**	NA	**7.2**	**6.0**	**7.2**	**7.5**
	Copper	mg/kg	4.70E+04	4.58E+01	9.15E+02	NA	**15**	**15**	NA	**21J-**	**14**	**17J**	**15J**
	Iron	mg/kg	8.20E+05	7.56E+00	1.51E+02	NA	**22000**	**24000**	NA	**21000**	**22000**	**22000**	**21000**
	Lead	mg/kg	8.00E+02	--	--	NA	**13**	**7.4**	NA	**20**	**8.0**	**8.9**	**9.4**
	Magnesium	mg/kg	--	9.73E+02	1.95E+04	NA	**13000J**	**10000J**	NA	**20000J**	**13000J**	**9500**	**10000**
	Manganese	mg/kg	2.60E+04	1.30E+00	2.61E+01	NA	**410**	**290**	NA	**500**	**270**	**420**	**440**
	Mercury	mg/kg	4.00E+01	1.04E-01	2.09E+00	NA	**0.029**	<0.013	NA	**0.022**	**0.026**	**0.019**	<0.013
	Molybdenum	mg/kg	5.80E+03	3.69E+00	7.37E+01	NA	**0.54**	**0.19**	NA	**0.83**	**0.60**	**0.24**	**0.25**
	Nickel	mg/kg	2.20E+04	7.00E+00	1.40E+02	NA	**15**	**18**	NA	**16**	**15**	**15**	**16**
	Phosphorus	mg/kg	2.30E+01	--	--	NA	**870**	**1400**	NA	**950**	**820**	**1200**	**1000**
	Potassium	mg/kg	--	--	--	NA	**3200**	**2200**	NA	**3300**	**3200**	**3600**	**4100**
	Selenium	mg/kg	5.80E+03	3.00E-01	6.00E+00	NA	**0.66**	**0.48**	NA	**0.60**	**0.77**	**1.1**	**1.6**
	Silver	mg/kg	5.80E+03	8.50E-01	1.70E+01	NA	**0.085**	**0.091**	NA	**0.092J-**	**0.079**	<0.019	<0.019
	Sodium	mg/kg	--	--	--	NA	**730J+**	**800J+**	NA	**1800J+**	**1300J+**	**640J-**	**500J-**
	Sulfur	mg/kg	--	--	--	NA	<23	<23	NA	**610**	**540**	**210**	**270**
	Thallium	mg/kg	1.20E+01	4.00E-01	8.00E+00	NA	**0.17**	**0.089**	NA	**0.26**	**0.10**	**0.11**	**0.21**
	Tin	mg/kg	7.00E+05	--	--	NA	<1.4	<1.4	NA	**3.4**	**1.4**	**5.1**	**4.9**
	Uranium	mg/kg	3.50E+03	1.35E+01	2.70E+02	NA	**1.1**	**1.0**	NA	**1.0**	**1.2**	**0.68**	**0.75**
	Vanadium	mg/kg	5.80E+03	3.00E+02	6.00E+03	NA	**31**	**30**	NA	**29**	**27**	**28**	**27**
	Zinc	mg/kg	3.50E+05	6.20E+02	1.24E+04	NA	**93**	**31**	NA	**51J-**	**30**	**34**	**34**
PEST	2,4-DDD	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	2,4-DDE	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	2,4'-DDT	mg/kg	--	--	--	NA	**0.014**	<0.0016	NA	**0.0044**	<0.0016	<0.0016	<0.0016
	4,4-DDD	mg/kg	9.60E+00	8.00E-01	1.60E+01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	4,4-DDE	mg/kg	6.80E+00	3.00E+00	6.00E+01	NA	**0.15**	<0.0016	NA	**0.24**	<0.0016	**0.0031**	**0.0083**
	4,4-DDT	mg/kg	8.60E+00	2.00E+00	4.00E+01	NA	**0.22**	<0.0016	NA	**0.059J+**	<0.0016	**0.0017**	**0.0042**
	Aldrin	mg/kg	1.40E-01	2.00E-02	4.00E-01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	alpha-BHC	mg/kg	3.70E-01	2.91E-02	5.83E-01	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	beta-BHC	mg/kg	1.30E+00	5.96E-03	1.19E-01	NA	**0.25**	<0.0016	NA	**0.81**	**0.0061**	**0.031**	**0.032**
	Chlordane	mg/kg	8.00E+00	5.00E-01	1.00E+01	NA	<0.011	<0.011	NA	<0.011	<0.011	<0.011	<0.011
	delta-BHC	mg/kg	--	3.08E+01	6.15E+02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Dieldrin	mg/kg	1.40E-01	2.00E-04	4.00E-03	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endosulfan I	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016

Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)

Notes provided on page 8 of 8

TABLE 4
Summary of Soil Analytical Results from Geosyntec 2009 Investigation
LBCL and RSL Exceedances
Former Dichlorobenzil Warehouse Area
Former Montrose Facility, Henderson, Nevada

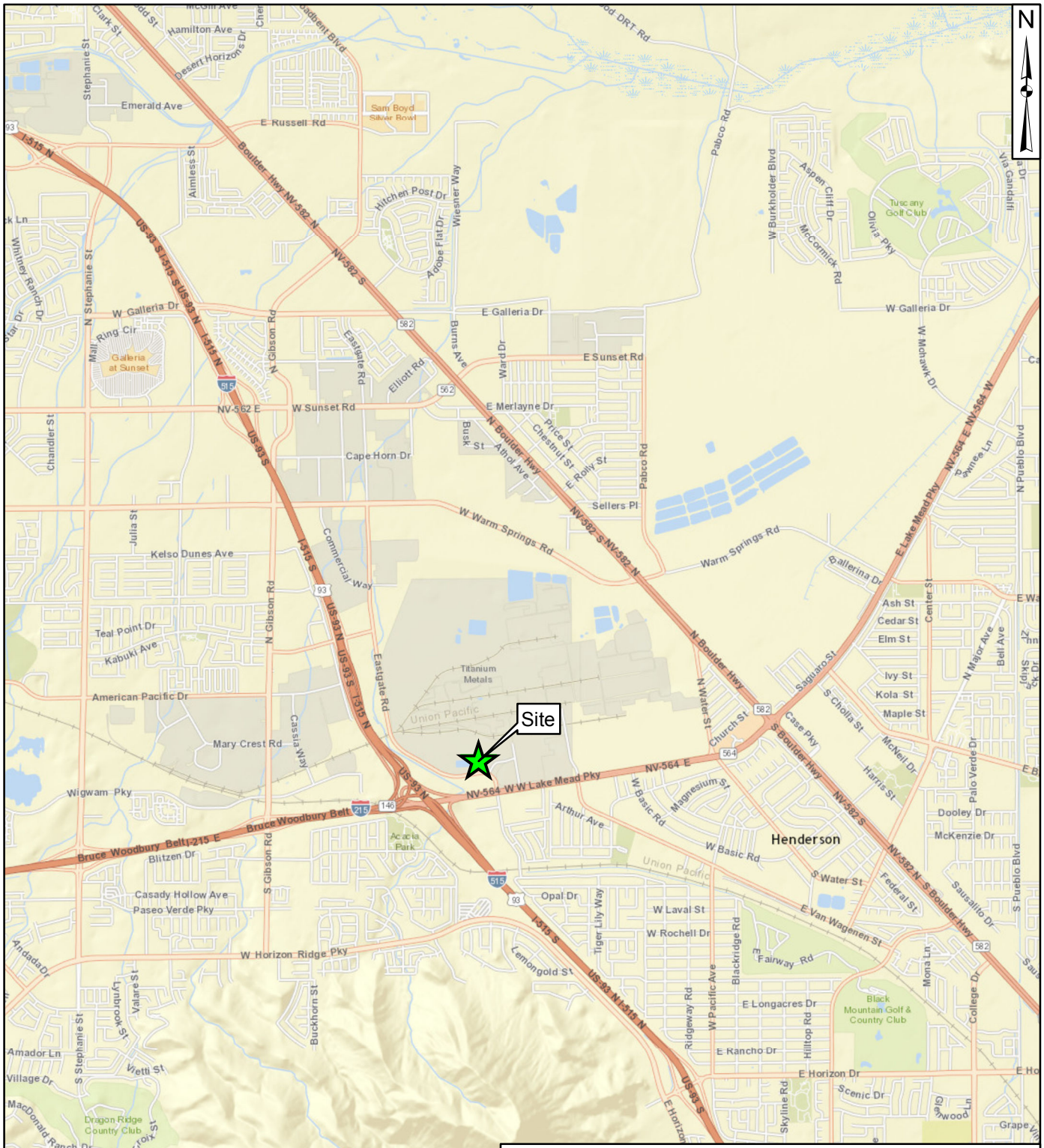
Analyte Group	Analyte	Units	RSL	LBCL (DAF=1)	Location	SB-15			SB-16			SB-17	
					Sample Depth (ft bgs)	0.5	0.5	3	0.5	0.5	3	0.5	3
					Date / LBCL (DAF=20)	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
PEST	Endosulfan II	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endosulfan sulfate	mg/kg	--	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	Endrin	mg/kg	2.50E+02	5.00E-02	1.00E+00	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endrin aldehyde	mg/kg	--	--	--	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Endrin ketone	mg/kg	--	--	--	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	gamma-BHC [Lindane]	mg/kg	2.50E+00	5.00E-04	1.00E-02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Heptachlor	mg/kg	5.10E-01	1.00E+00	2.00E+01	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	Heptachlor epoxide	mg/kg	2.50E-01	3.00E-02	6.00E-01	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	<0.0021
	Methoxychlor	mg/kg	4.10E+03	8.00E+00	1.60E+02	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	<0.0016
	Toxaphene	mg/kg	2.10E+00	2.00E+00	4.00E+01	NA	<0.054	<0.054	NA	<0.054	<0.054	<0.054	<0.054
Asbestos	Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Long Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Long Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Total Amphibole Protocol Structure	Structure/g PM10	--	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
	Total Chrysotile Protocol Structure	Structure/g PM10	--	--	--	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA

Notes:
Soil data presented in this table has been converted from a wet-weight basis to a dry-weight basis as per the NDEP-approved conversion method, as described in the technical memorandum prepared by Geosyntec (2011)

--	No LBCL or RSL established
LBCLs	NDEP Leaching Based Basic Comparison Levels, 2013
BHC	Benzene Hexachloride
Bolded	Indicates detected analytes
DAF	Dilution-Attenuation Factor
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
EPA	United States Environmental Protection Agency
ft bgs	feet below ground surface
Highlighting	Indicates Exceedance of RSL
Highlighting	Indicates Exceedance of RSL and LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1)
Highlighting	Indicates Exceedance of LBCL (DAF=1 and DAF=20)
INORG	Inorganic Compounds
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL).
J+	Estimated value with a positive bias.
J-	Estimated value with a negative bias.
mg/kg	milligrams per kilogram
NA	Not analyzed
NDEP	Nevada Division of Environmental Protection
PEST	Pesticides
RSLs	EPA Region 9 Industrial Soil Regional Screening Levels, January 2015
structure/g PM10	structures, less than 10 microns in diameter, per gram
SVOCs	Semivolatile Organic Compounds
U	The sample was analyzed for, but was not detected above the sample quantitation or detection limit or applied due to suspected blank contamination.
UJ	The sample was analyzed for, but was not detected. The associated quantitation or detection limit is an estimate.
VOCs	Volatile Organic Compounds

APPENDIX A

FIGURES



Site Location Map
Former Montrose Chemical Facility
Henderson, Nevada

4,000 2,000 0 4,000 8,000 Feet

Geosyntec consultants

Figure 1

Project No: HW0989J | April 2015

G:\GIS\HW0934\Projects\DCB Warehouse\2015\SiteLocationMap.mxd cc 4/22/2015

Former Dichlorobenzil Warehouse Location
(1974 Aerial Photograph)
Former Montrose Chemical Facility
Henderson, Nevada

Geosyntec consultants

Project No: HW0989J | April 2015

Figure **2**

G:\GIS\HW0934\Projects\DCB Warehouse\2015\1974 Aerial.mxd cc 4/22/2015

Former Dichlorobenzil Warehouse Area
(1988 Aerial Photograph)
Former Montrose Chemical Facility
Henderson, Nevada

100 50 0 100 200 Feet

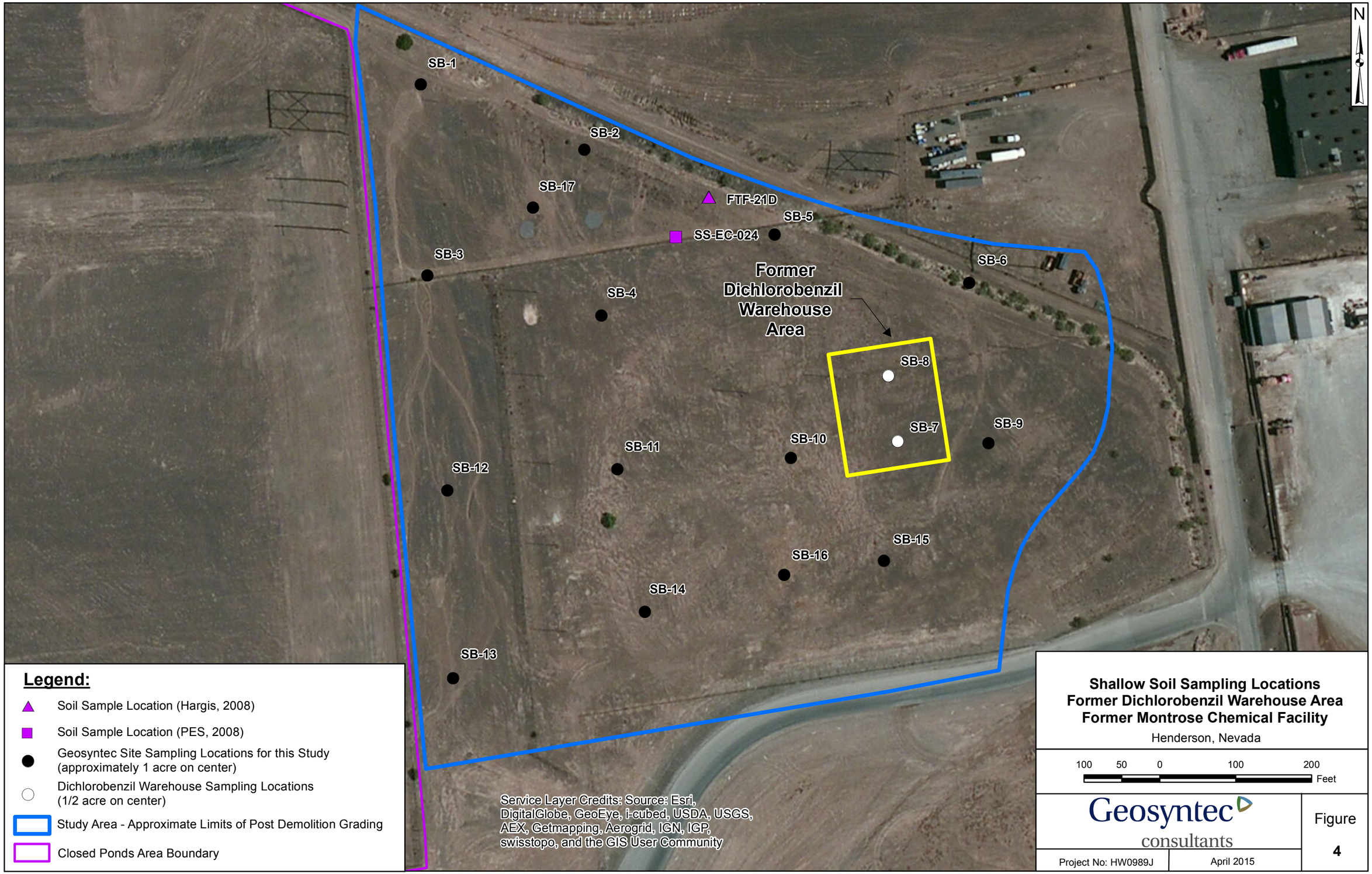
Geosyntec consultants

Project No: HW0989J

April 2015

Figure 3

G:\GIS\HW0934\Projects\DCB Warehouse\2015\ShallowSoilSampleLocations.mxd cc 4/22/2015



Legend:

- Soil Sample Location (Hargis, 2008)
- Soil Sample Location (PES, 2008)
- Geosyntec Site Sampling Locations for this Study (approximately 1 acre on center)
- Dichlorobenzil Warehouse Sampling Locations (1/2 acre on center)
- Study Area - Approximate Limits of Post Demolition Grading
- Closed Ponds Area Boundary

Shallow Soil Sampling Locations
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility
Henderson, Nevada

100 50 0 100 200 Feet

Geosyntec consultants

Project No: HW0989J | April 2015

Figure 4

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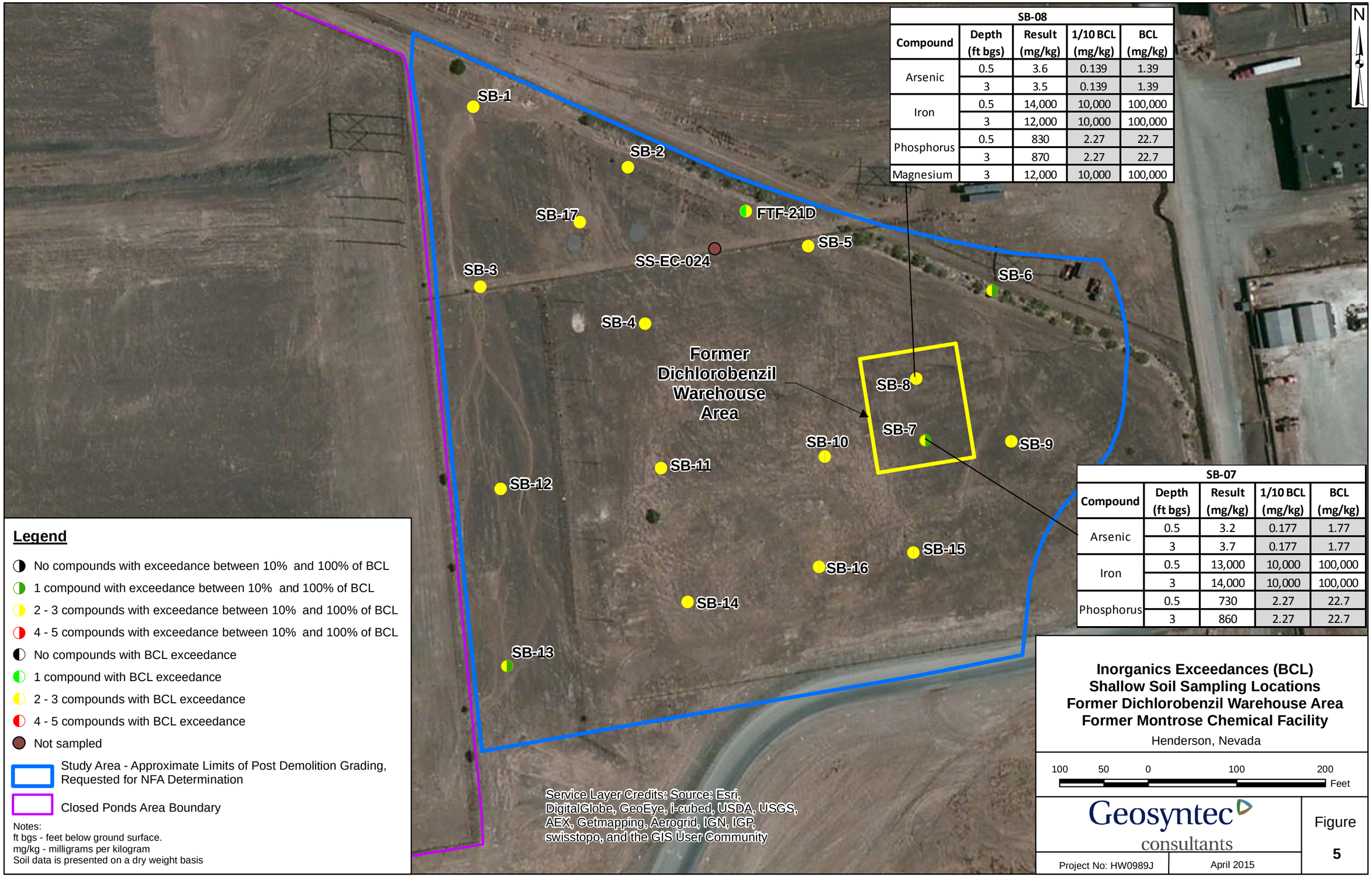


SB-08				
Compound	Depth (ft bgs)	Result (mg/kg)	1/10 BCL (mg/kg)	BCL (mg/kg)
Arsenic	0.5	3.6	0.139	1.39
	3	3.5	0.139	1.39
Iron	0.5	14,000	10,000	100,000
	3	12,000	10,000	100,000
Phosphorus	0.5	830	2.27	22.7
	3	870	2.27	22.7
Magnesium	3	12,000	10,000	100,000

SB-07				
Compound	Depth (ft bgs)	Result (mg/kg)	1/10 BCL (mg/kg)	BCL (mg/kg)
Arsenic	0.5	3.2	0.177	1.77
	3	3.7	0.177	1.77
Iron	0.5	13,000	10,000	100,000
	3	14,000	10,000	100,000
Phosphorus	0.5	730	2.27	22.7
	3	860	2.27	22.7

Legend

- No compounds with exceedance between 10% and 100% of BCL
- 1 compound with exceedance between 10% and 100% of BCL
- 2 - 3 compounds with exceedance between 10% and 100% of BCL
- 4 - 5 compounds with exceedance between 10% and 100% of BCL
- No compounds with BCL exceedance
- 1 compound with BCL exceedance
- 2 - 3 compounds with BCL exceedance
- 4 - 5 compounds with BCL exceedance
- Not sampled
- Study Area - Approximate Limits of Post Demolition Grading, Requested for NFA Determination
- Closed Ponds Area Boundary

Notes:
ft bgs - feet below ground surface.
mg/kg - milligrams per kilogram
Soil data is presented on a dry weight basis

Inorganics Exceedances (BCL)
Shallow Soil Sampling Locations
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility
Henderson, Nevada

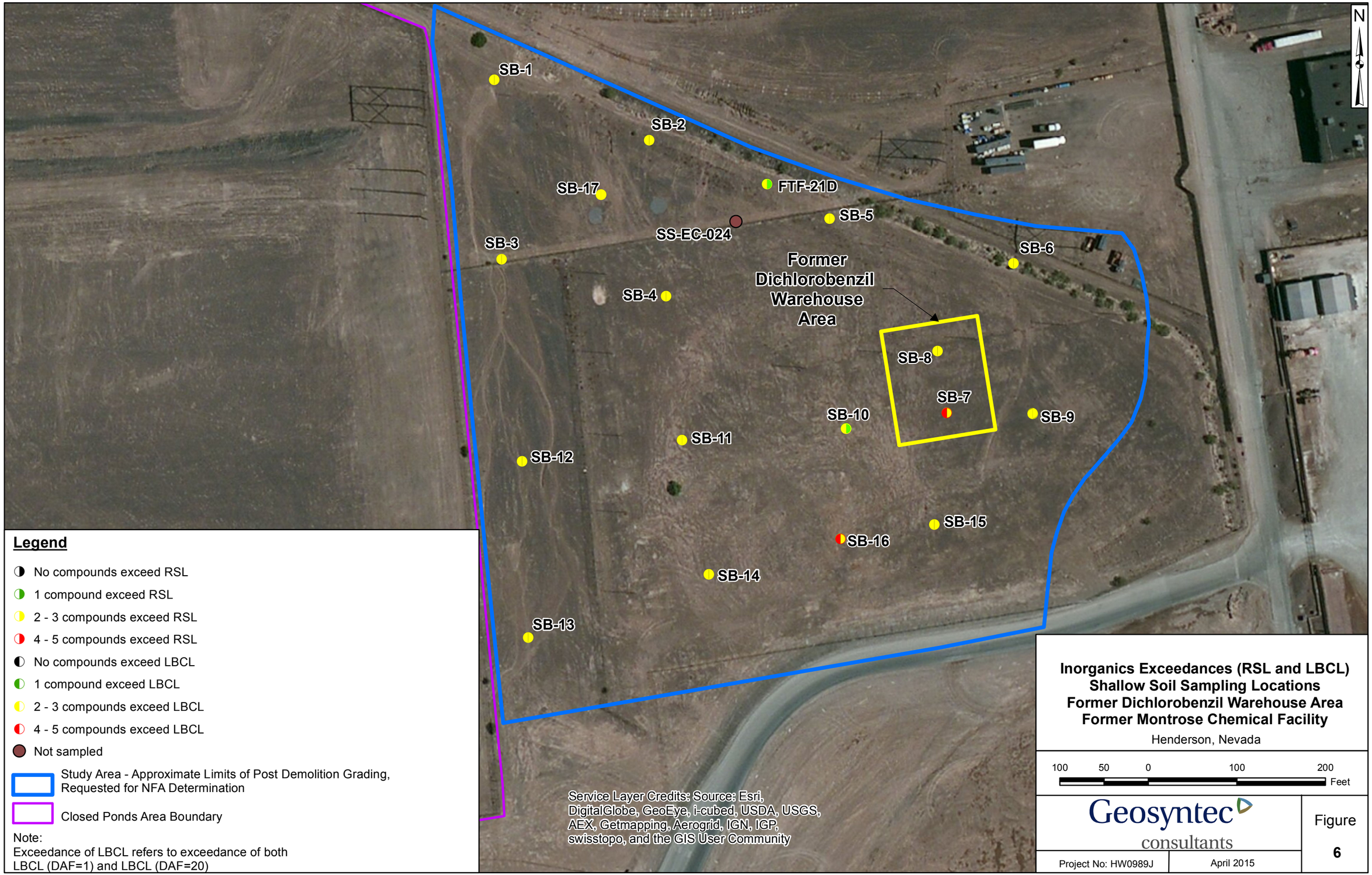
100 50 0 100 200 Feet

Geosyntec consultants

Project No: HW0989J | April 2015

Figure 5

G:\GIS\HW0934\Projects\DCB Warehouse\2015\BCL exceed shallow soil.mxd cc 4/22/2015



Legend

- No compounds exceed RSL
- 1 compound exceed RSL
- 2 - 3 compounds exceed RSL
- 4 - 5 compounds exceed RSL
- No compounds exceed LBCL
- 1 compound exceed LBCL
- 2 - 3 compounds exceed LBCL
- 4 - 5 compounds exceed LBCL
- Not sampled
- Study Area - Approximate Limits of Post Demolition Grading, Requested for NFA Determination
- Closed Ponds Area Boundary

Note:
Exceedance of LBCL refers to exceedance of both LBCL (DAF=1) and LBCL (DAF=20)

Inorganics Exceedances (RSL and LBCL)
Shallow Soil Sampling Locations
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility
Henderson, Nevada

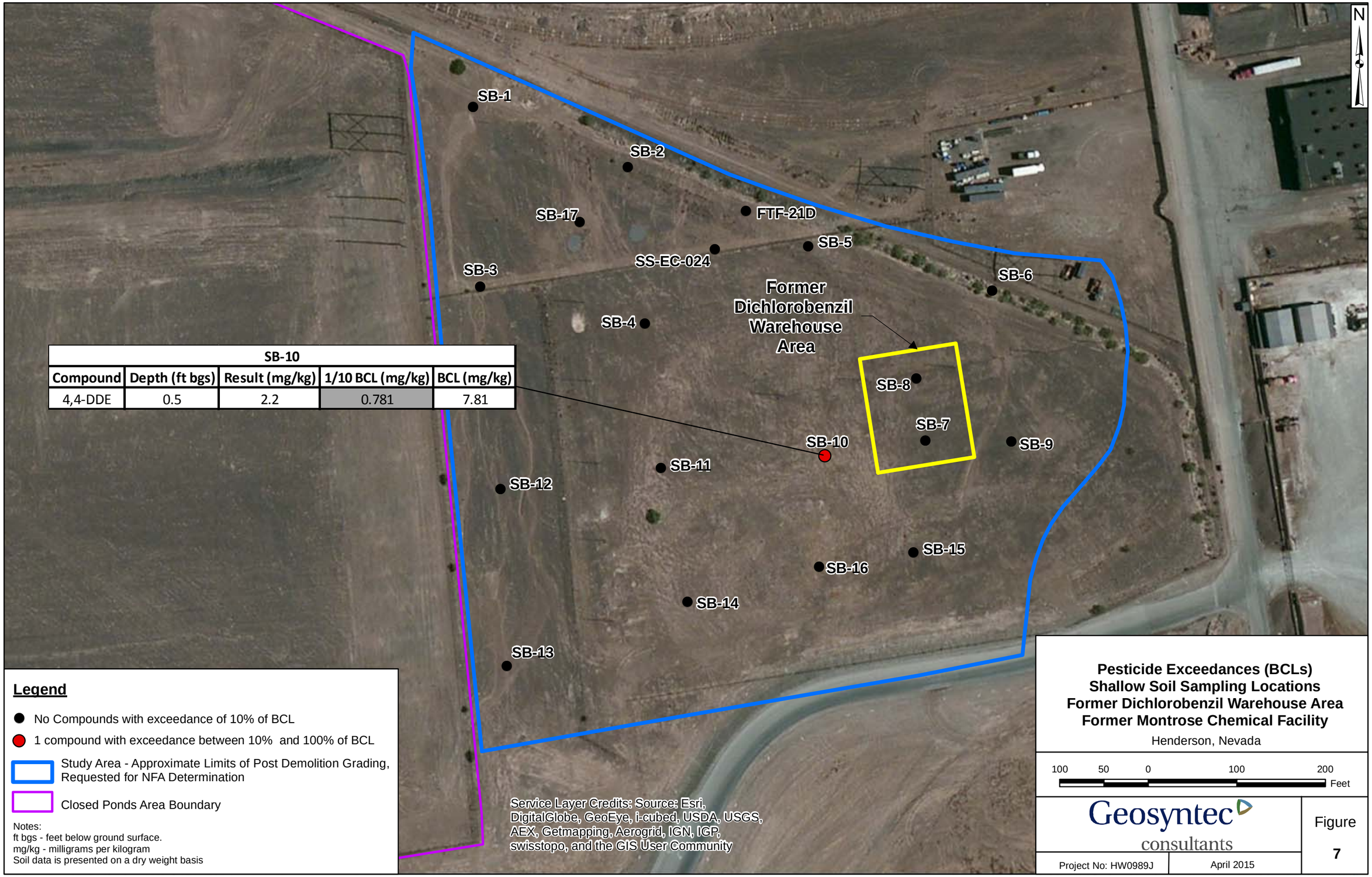
100 50 0 100 200 Feet

Geosyntec consultants

Project No: HW0989J | April 2015

Figure 6

G:\GIS\HW0934\Projects\DCB Warehouse\2015\LBCL_exceed_shallow_soil.mxd cc 4/22/2015



SB-10				
Compound	Depth (ft bgs)	Result (mg/kg)	1/10 BCL (mg/kg)	BCL (mg/kg)
4,4-DDE	0.5	2.2	0.781	7.81

Legend

- No Compounds with exceedance of 10% of BCL
- 1 compound with exceedance between 10% and 100% of BCL
- Study Area - Approximate Limits of Post Demolition Grading, Requested for NFA Determination
- Closed Ponds Area Boundary

Notes:
ft bgs - feet below ground surface.
mg/kg - milligrams per kilogram
Soil data is presented on a dry weight basis

Pesticide Exceedances (BCLs)
Shallow Soil Sampling Locations
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility
Henderson, Nevada

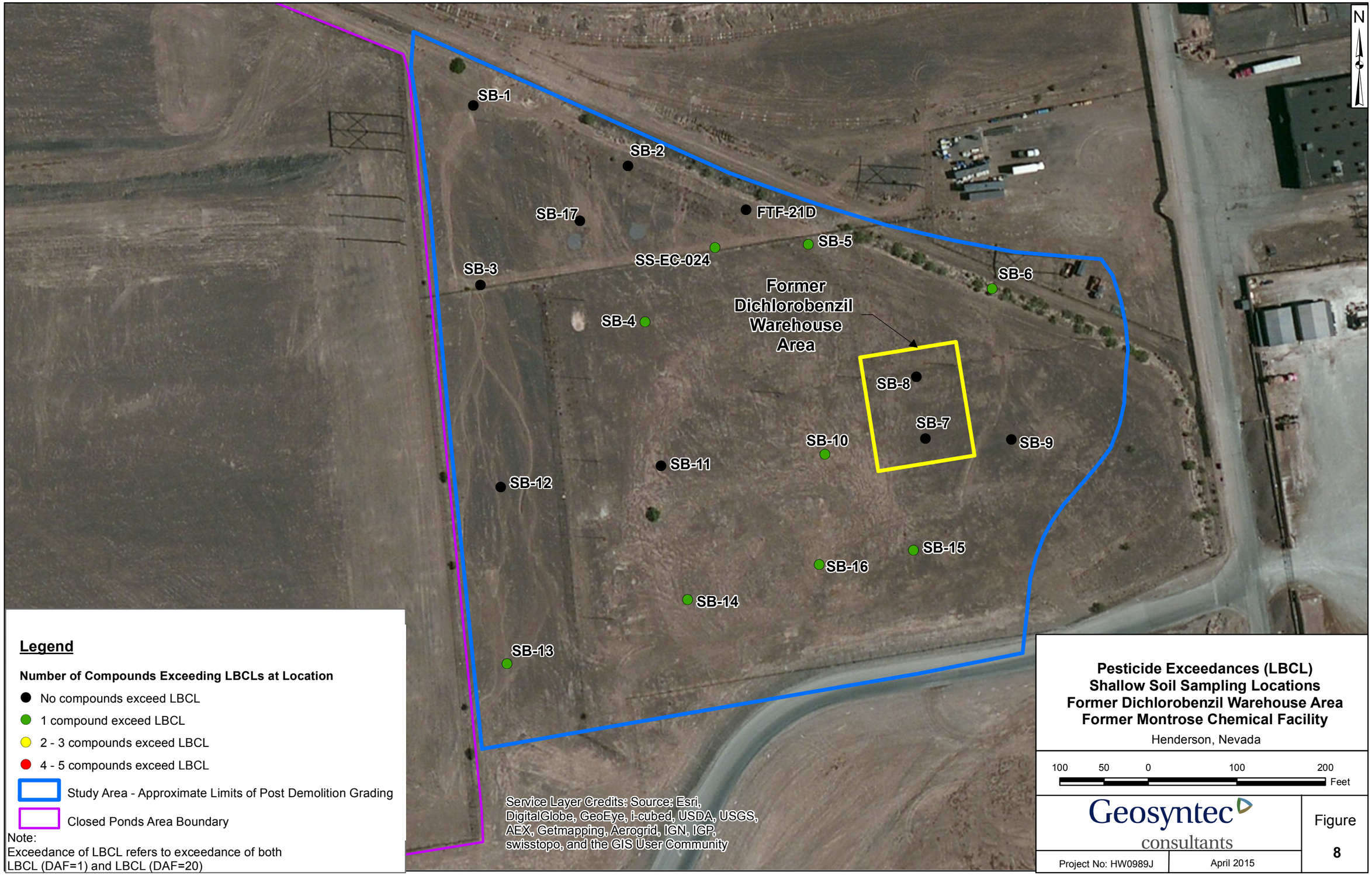
100 50 0 100 200 Feet

Geosyntec consultants

Project No: HW0989J | April 2015

Figure 7

G:\GIS\HW0934\Projects\DCB Warehouse\2015\BCL Pest.mxd c c 4/22/2015



Legend

Number of Compounds Exceeding LBCLs at Location

- No compounds exceed LBCL
- 1 compound exceed LBCL
- 2 - 3 compounds exceed LBCL
- 4 - 5 compounds exceed LBCL
- Study Area - Approximate Limits of Post Demolition Grading
- Closed Ponds Area Boundary

Note:
Exceedance of LBCL refers to exceedance of both LBCL (DAF=1) and LBCL (DAF=20)

Pesticide Exceedances (LBCL)
Shallow Soil Sampling Locations
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility

Henderson, Nevada

100 50 0 100 200 Feet

Geosyntec consultants

Project No: HW0989J | April 2015

Figure 8

G:\GIS\HW0934\Projects\DCB Warehouse\2015\LBCL exceed shallow soilpest.mxd cc 4/22/2015

APPENDIX B

DATA USABILITY EVALUATION

APPENDIX B
DATA USABILITY EVALUATION
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Data Usability Criterion	Evaluation Result
I. Reports	The following reports, work plans and SOPs were reviewed when completing this Data Usability Evaluation: • Geosyntec, 2011. Revised Data Validation Summary Report: #MONTR-0029-2010, Former Dichlorobenzil Warehouse Area, Henderson, Nevada. January 10. • Laboratory Data Consultants, Inc, 2011. Data Validation Summary Report: #MONTR-0029-2010, Former Dichlorobenzil Warehouse Data Area Soil Investigation December 2009 to February 2010, Henderson, Nevada. January 10. • Hargis + Associates, Inc. (Hargis), 2006. Quality Assurance Project Plan, Site-Wide Soil and Groundwater Investigations, Former Montrose and Stauffer Sites, Henderson, Nevada, Revision 1.0. October 26. • Hargis + Associates, Inc., 2007a. Field Sampling and Standard Operating Procedures, Site-Wide Soil and Groundwater Investigations, Former Montrose and Stauffer Sites, Henderson, Nevada, Revision 2.0. May 11. • Hargis, 2007b. Groundwater and Soil Supplemental Investigation for 2006 Data Validation Summary Reports [DVSR Number 4]. July 2. • Geosyntec, 2006. Work Plan to Assess Shallow Soil at the Former Dichlorobenzil Warehouse Area, Henderson, Nevada. November 13. • Nevada Division of Environmental Protection, 2009. Data Verification and Validation Requirements - Supplement established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April 13. Reports and their accompanying laboratory reports included appropriate data and adequate documentation.
II. Documentation	The reports and database provided adequate information regarding sample results related to geographic location and sampling procedures. A sample location map is presented as Figure B-1. A summary of the samples collected in this area is presented in Table B-1.
III. Data Sources	Sample IDs are located included in Table B-1. Analytical sample data results for the environmental medium of interest (soil and aqueous equipment blank) were provided in the reports listed in Criterion I and are included in the attached Table B-2a (dry weight) and B-2b (wet weight). Soil samples previously collected by others were analyzed for a broad suite of analytes, as described and listed in the various work plans. The analytical methods utilized during the analytical program were selected to provide full coverage of the specific site-related chemicals (SRCs) listed in the NDEP-approved work plans. Based on sample locations and the sample results, as well as site history, the data were deemed representative of site conditions.

APPENDIX B
DATA USABILITY EVALUATION
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Data Usability Criterion	Evaluation Result
IV. Analytical Methods and Detection Limits	The soil samples were analyzed using a variety of methods: 2,2'-/4,4'-Dichlorobenzil by EPA SW 846 Method 8270C; Chlorinated Pesticides by EPA SW 846 Method 8081A; Metals by EPA SW 846 Methods 6010B/6020/7470A/7471A; Hexavalent Chromium by EPA SW 846 Method 7199; pH by EPA SW 846 Method 9045C; and Asbestos by EPA Method 540-R-97-028. Reporting limits were confirmed to be adequate for risk assessment application.
V. Data Review	The data review included evaluation of completeness, laboratory precision, laboratory accuracy and bias, adherence to method specifications and QC limits, and method performance for the sample matrix. Laboratory analytical data were reviewed in accordance with the validation criteria specified by the *Quality Assurance Project Plan, Site-Wide Soil and Groundwater Investigations, Former Montrose and Stauffer Sites, Henderson, Nevada* [QAPP] (Hargis, 2006). Reviewer Name: Julia Klens Caprio Reviewer Qualifications: Over 20 years experience working in analytical laboratories as a method development analyst, production analyst, group supervisor, laboratory assistant technical director, laboratory operations manager. Over 10 years experience in QA/QC including data validation for organic, inorganic, biological, geotechnical, and radiochemistry analyses, laboratory auditing, developing or reviewing project and program quality assurance plans. Completed many EPA validation and quality training workshops, seminars and short courses. B.A. Biology Masters Degree in Organization Management MBA Quality Management ASQ Certified Quality Manager ISO 9001/2000 Certified Quality Auditor NQA-1 Lead Auditor Certified Environmental Field Sampler
VI. Data Quality Indicators	A detailed discussion of the soil data quality can be found in the DVSR and revised DVSR [Geosyntec, 2011; Laboratory Data Consultants, Inc, 2011; Hargis, 2007]. A brief summary of the data quality indicators is provided below: *Completeness*: The overall completeness level attained for the soil samples was >95% as described in the reports [Geosyntec, 2011; Laboratory Data Consultants, Inc, 2011; Hargis, 2007]. This percentage was calculated as the total number of accepted

APPENDIX B
DATA USABILITY EVALUATION
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Data Usability Criterion	Evaluation Result
	sample results divided by the total number of sample results multiplied by 100. Completeness was considered adequate for HRA application. *Comparability*: The laboratory used standard analytical methods for the analyses. The analytical results were reported in correct standard units (both on a dry and wet weight basis). The comparability of the data is regarded as acceptable. *Representativeness*: As explained in the DVSR and revised DVSR [Geosyntec, 2011; Laboratory Data Consultants, Inc, 2011; Hargis, 2007], sample preservation, holding time, and method blanks were analyzed to evaluate representativeness. Representativeness of the data was deemed acceptable as sampling included site-wide locations and locations biased to accommodate known or potential source locations. *Precision and Accuracy*: Please refer to the DVSR and revised DVSR [Geosyntec, 2011; Laboratory Data Consultants, Inc, 2011; Hargis, 2007] for a discussion of precision and accuracy. In summary, the soil results are considered valid and usable as qualified during data validation, with the exception of one rejected sample concentration. Additional details may be reviewed in the relevant DVRs [Geosyntec, 2011; Laboratory Data Consultants, Inc, 2011; Hargis, 2007]. Sample results that were found to be estimated (J) are usable for limited purposes only. The sample result that was found to be rejected (R) is not usable. Final qualified soil data are presented in Table B-2a and Table B-2b attached to this DUE.
VII. Data Analysis	Summary statistics including frequency of detection, range of non-detects, and minimum, median, mean, and maximum of the detected concentrations are included at the end of Table B-2a. Spatial data plots for the soil samples are provided in Figure B-2. The plots include geographic information system (GIS) images with overlays showing the analyses performed at each sample location and depth. Summary box and whisker plots are provided as Figures B-3 for soil. Different symbols are used for detected and non-detect outliers.

APPENDIX B

TABLES

Table B-1
Sample Identification Codes
Former Dichlorobenzil Warehouse Site Assessment Area
Henderson, Nevada

Geosyntec consultants

Location ID	Sample ID	Sample Depth (ft bgs)	Sample Date	Matrix	Reference[1]	DVSR/Laboratory Report Location[2]
FTF-21D	FTF-21D-10	10	07-Nov-06	Soil	Hargis, 2007	Appendix B
FTF-21D	FTF-21D-20	20	07-Nov-06	Soil		
FTF-21D	FTF-21D-30	30	07-Nov-06	Soil		
FTF-21D	FTF-21D-40	40	07-Nov-06	Soil		
FTF-21D	FTF-21D-50	50	07-Nov-06	Soil		
SS-EC-024	SS-EC-024	0-0.25	22-Jan-07	Soil	PES, 2007	Appendix C
SB-03	SB-03	0.5	08-Dec-09	Soil	Geosyntec, 2011	Appendix D
SB-04	SB-04	0.5	08-Dec-09	Soil		
SB-05	SB-05	0.5	08-Dec-09	Soil		
SB-06	SB-06	0.5	08-Dec-09	Soil		
SB-07	SB-07	0.5	08-Dec-09	Soil		
SB-08	SB-08	0.5	08-Dec-09	Soil		
SB-09	SB-09	0.5	08-Dec-09	Soil		
SB-10	SB-10	0.5	08-Dec-09	Soil		
SB-11	SB-11	0.5	08-Dec-09	Soil		
SB-12	SB-12	0.5	08-Dec-09	Soil		
SB-13	SB-13	0.5	08-Dec-09	Soil		
SB-14	SB-14	0.5	08-Dec-09	Soil		
SB-15	SB-15	0.5	08-Dec-09	Soil		
SB-16	SB-16	0.5	08-Dec-09	Soil		
SB-03	SB-3-0.5	0.5	09-Dec-09	Soil		
SB-03	SB-3-3	3	09-Dec-09	Soil		
SB-04	SB-4-0.5	0.5	09-Dec-09	Soil		
SB-04	FD-02	3	09-Dec-09	Soil		
SB-04	SB-4-3	3	09-Dec-09	Soil		
SB-05	SB-5-0.5	0.5	09-Dec-09	Soil		
SB-05	SB-5-3	3	09-Dec-09	Soil		
SB-10	FD-03	0.5	09-Dec-09	Soil		
SB-10	SB-10-0.5	0.5	09-Dec-09	Soil		
SB-10	SB-10-3	3	09-Dec-09	Soil		
SB-11	SB-11-0.5	0.5	09-Dec-09	Soil		
SB-11	SB-11-3	3	09-Dec-09	Soil		
SB-12	SB-12-0.5	0.5	09-Dec-09	Soil		
SB-12	SB-12-3	3	09-Dec-09	Soil		
SB-13	SB-13-0.5	0.5	09-Dec-09	Soil		
SB-13	SB-13-3	3	09-Dec-09	Soil		
SB-14	SB-14-0.5	0.5	09-Dec-09	Soil		
SB-14	SB-14-3	3	09-Dec-09	Soil		
SB-15	SB-15-0.5	0.5	09-Dec-09	Soil		
SB-15	SB-15-3	3	09-Dec-09	Soil		
SB-16	SB-16-0.5	0.5	09-Dec-09	Soil		
SB-16	SB-16-3	3	09-Dec-09	Soil		
SB-06	SB-6-0.5	0.5	10-Dec-09	Soil		
SB-06	SB-6-3	3	10-Dec-09	Soil		
SB-07	SB-7-0.5	0.5	10-Dec-09	Soil		
SB-07	SB-7-3	3	10-Dec-09	Soil		
SB-08	SB-8-0.5	0.5	10-Dec-09	Soil		
SB-08	SB-8-3	3	10-Dec-09	Soil		
SB-09	SB-9-0.5	0.5	10-Dec-09	Soil		
SB-09	SB-9-3	3	10-Dec-09	Soil		
SB-01	SB-1-0.5	0.5	25-Feb-10	Soil		
SB-01	SB-01	0.5	25-Feb-10	Soil		
SB-01	SB-1-3	3	25-Feb-10	Soil		
SB-01	FD-022510	3	25-Feb-10	Soil		
SB-02	SB-2-0.5	0.5	25-Feb-10	Soil		
SB-02	SB-02	0.5	25-Feb-10	Soil		
SB-02	SB-2-3	3	25-Feb-10	Soil		
SB-17	SB-17-0.5	0.5	25-Feb-10	Soil		
SB-17	SB-17	0.5	25-Feb-10	Soil		
SB-17	SB-17-3	3	25-Feb-10	Soil		

Notes:
[1] - Reference to consultant responsible for submitting the corresponding data validation summary report (DVSR) to Nevada Division of Environmental Protection.
[2] - Reference to location of the corresponding DVSRs and laboratory reports within this submittal.
ft bgs - feet below ground surface

References
Geosyntec Consultants (Geosyntec), 2011. Revised Data Validation Summary Report: #MONTR-0029-2010 Former Dichlorobenzil Warehouse Area. Henderson, Nevada. January 10.
Hargis + Associates, Inc. (Hargis), 2007. Data Validation Summary Report for the Supplemental Groundwater and Soil Investigation (732.30), Montrose Chemical Corporation of California, Henderson, Nevada. July 2.
PES, 2007. Data Validation Summary Report, Results of Additional Vadose Zone Characterization Program -Surface Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada. May 1.

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
ALDEHYDES																									
Acetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASBESTOS																									
Amphibole Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	<8930000	NA	NA
Chrysotile Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	<8930000	NA	NA
Long Amphibole Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	<8930000	NA	NA
Long Chrysotile Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	<8930000	NA	NA
Total Amphibole Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	<8930000	NA	NA
Total Chrysotile Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	<8930000	NA	NA
INORGANIC COMPOUNDS																									
Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	mg/kg	**9700**	**8900**	**12000**	**11000**	**10000**	NA	**8200**	**10000**	NA	**12000**	**9800**	**10000**	NA	**11000**	**9700**	**NA**	9400	**10000**	**NA**	10000	**9500**	NA	**10000**	**10000**
Antimony	mg/kg	<0.013J	<0.015J	<0.014J	<0.014J	<0.014J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	<0.015J	NA	<0.015J	<0.015J	**NA**	<0.015J	<0.015J	**NA**	<0.015J	<0.015J	NA	<0.015J	<0.015J
Arsenic	mg/kg	**3.1**	**3.5**	**3.4**	**2.8**	**3.9**	NA	**4.6**	**2.8**	NA	**2.6**	**4**	**3.4**	NA	**3.3**	**3.2**	**NA**	3.2	**3.7**	**NA**	3.2	**3.6**	NA	**3.6**	**3.5**
Barium	mg/kg	**130**	**170**	**190**	**150**	**190**	NA	**250**	**180**	NA	**200**	**160**	**160**	NA	**180**	**150**	**NA**	180	**190**	**NA**	240	**160**	NA	**260**	**170**
Beryllium	mg/kg	**0.55**	**0.59**	**0.5**	**0.58**	**0.6**	NA	**0.36**	**0.52**	NA	**0.5**	**0.62**	**0.49**	NA	**0.6**	**0.55**	**NA**	0.66	**0.62**	**NA**	0.63	**0.64**	NA	**0.64**	**0.59**
Bicarbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	**0.51**	**0.56**	**0.57**	**0.49**	**0.57**	NA	**0.32**	**0.68**	NA	**0.67**	**0.61**	**0.5**	NA	**0.65**	**0.52**	**NA**	0.68	**0.74**	**NA**	0.68	**0.75**	NA	**0.63**	**0.58**
Calcium	mg/kg	**27000J**	**20000J**	**20000J**	**18000J**	**34000J**	NA	**34000J**	**20000J**	NA	**29000J**	**33000J**	**30000J**	NA	**32000J**	**31000J**	**NA**	43000	**36000**	**NA**	31000J	**32000**	NA	**28000**	**27000**
Carbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	**7.8**	**8.8**	**9.6**	**9.1**	**12**	NA	**5.6**	**10**	NA	**10**	**11**	**8.9**	NA	**11**	**10**	**NA**	13	**11**	**NA**	12	**9.7**	NA	**12**	**11**
Chromium [VI]	mg/kg	<0.13	<0.13	<0.13	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	<0.13	NA	<0.13	<0.13	**NA**	<0.13	<0.13	**NA**	<0.13	<0.13	NA	<0.13	<0.13
Cobalt	mg/kg	**5.8**	**6.5**	**6.2**	**6.8**	**6.8**	NA	**3.6**	**7.2**	NA	**6.4**	**7.3**	**6**	NA	**7**	**7.6**	**NA**	7.2	**6.5**	**NA**	13J-	**6.7**	NA	**7.5**	**6.3**
Copper	mg/kg	**14J**	**14J**	**13J**	**15J**	**15J**	NA	**7.8**	**14**	NA	**14**	**14**	**10**	NA	**14**	**14**	**NA**	16	**13**	**NA**	17J-	**15**	NA	**14**	**14**
Hydroxide Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	**17000**	**18000**	**20000**	**19000**	**21000**	NA	**14000**	**22000**	NA	**28000**	**20000**	**24000**	NA	**25000**	**22000**	**NA**	13000	**14000**	**NA**	13000	**12000**	NA	**14000**	**12000**
Lead	mg/kg	**7.6**	**8.6**	**8.7**	**13**	**9.7**	NA	**9.5**	**8.7**	NA	**10**	**8.1**	**7.4**	NA	**10**	**8.2**	**NA**	13	**9.5**	**NA**	7.8	**6.6**	NA	**9.1**	**7.3**
Lithium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	**9300**	**8200**	**9400**	**11000**	**9600**	NA	**6400**	**8800**	NA	**10000**	**8900**	**10000**	NA	**12000**	**10000**	**NA**	8300	**8800**	**NA**	8200	**10000**	NA	**9000**	**12000**
Manganese	mg/kg	**330**	**360**	**360**	**320**	**330**	NA	**330**	**340J**	NA	**370**	**340**	**320**	NA	**360**	**350**	**NA**	370	**290**	**NA**	500	**290**	NA	**370**	**300**
Mercury	mg/kg	**0.019**	<0.013	<0.013	**0.019**	**0.018**	NA	**0.013**	<0.013	NA	**0.024**	**0.018**	**0.019**	NA	**0.019**	**0.025**	**NA**	<0.013	**0.013**	**NA**	0.044	<0.013	NA	**0.016**	**0.02**
Molybdenum	mg/kg	**0.33**	**0.43**	**0.49**	**0.21**	**0.24**	NA	**0.21**	**0.24**	NA	**0.29**	**0.19**	**0.17**	NA	**0.27**	**0.21**	**NA**	0.28	**0.26**	**NA**	0.2	**0.27**	NA	**0.2**	**0.28**
Nickel	mg/kg	**14**	**14**	**15**	**15**	**15**	NA	**8.5**	**15**	NA	**14**	**14**	**12**	NA	**15**	**16**	**NA**	16	**14**	**NA**	17	**15**	NA	**15**	**15**
pH	pH units	**8.4**	**8.5**	**8.5**	**8.7**	**8.5**	NA	**9.7**	**9.5**	NA	**8.5**	**8.8**	**8.7**	NA	**8.3**	**8.8**	**NA**	8.6	**8.7**	**NA**	8.8	**9.1**	NA	**9.2**	**9.2**
Phosphorus	mg/kg	**1100**	**1000**	**1100**	**1000**	**1000**	NA	**760**	**980**	NA	**1000**	**860**	**1000**	NA	**1100**	**900**	**NA**	1300	**810**	**NA**	730	**860**	NA	**830**	**870**
Potassium	mg/kg	**5100**	**4300**	**4900**	**3100**	**3200**	NA	**2900**	**2700**	NA	**3600**	**2800**	**3100**	NA	**3500**	**3600**	**NA**	2500	**2200**	**NA**	1800J+	**2000**	NA	**2900**	**2700**
Selenium	mg/kg	**1.3**	**1.5**	**1.4**	**0.81**	**1**	NA	**0.7**	**0.85**	NA	**0.58**	**0.4**	**0.86**	NA	**0.89**	**0.73**	**NA**	0.72	**0.82**	**NA**	0.81	**0.56**	NA	**0.78**	**0.88**
Silver	mg/kg	<0.018	<0.021	<0.02	<0.019	<0.02	NA	**0.043**	**0.12**	NA	**0.075**	**0.07**	**0.06**	NA	**0.076**	**0.063**	**NA**	0.1	**0.09**	**NA**	0.071	**0.082**	NA	**0.083**	**0.081**
Sodium	mg/kg	**1800J-**	**1700J-**	**2000J-**	**760J-**	**580J-**	NA	**570J+**	**540J+**	NA	**660J+**	**440J+**	**520J+**	NA	**630J+**	**480J+**	**NA**	430	**390**	**NA**	480	**790**	NA	**260**	**410**
Strontium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	mg/kg	**370**	**1500**	**2200**	**340**	**270**	NA	<23	<23	NA	<23	<23	<23	NA	<23	<23	**NA**	<23	<23	**NA**	<23	<23	NA	<23	<23
Thallium	mg/kg	**0.12**	**0.13**	**0.12**	<0.0033	**0.11**	NA	**0.093**	**0.14**	NA	**0.12**	**0.12**	**0.11**	NA	**0.14**	**0.12**	**NA**	0.14	**0.13**	**NA**	0.13	**0.097**	NA	**0.13**	**0.11**
Tin	mg/kg	**4.3**	**4.8**	**5.2**	**4.8**	**4.9**	NA	<1.4	<1.4	NA	<1.4	<1.4	<1.4	NA	<1.4	<1.4	**NA**	2	**2.2**	**NA**	2.4	**2.2**	NA	**1.9**	**2.1**
Titanium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Uranium	mg/kg	**0.92**	**0.87**	**0.85**	**0.7**	**0.98**	NA	**0.73**	**0.78**	NA	**0.72**	**1**	**0.82**	NA	**0.93**	**1.2**	**NA**	0.87	**0.93**	**NA**	1	**0.95**	NA	**1.2**	**1.2**
Vanadium	mg/kg	**21**	**22**	**25**	**24**	**30**	NA	**17**	**28**	NA	**27**	**30**	**24**	NA	**28**	**27**	**NA**	28	**29**	**NA**	30	**32**	NA	**29**	**30**
Zinc	mg/kg	**31**	**33**	**32**	**31**	**31**	NA	**29**	**31**	NA	**33**	**31**	**26**	NA	**32**	**32**	**NA**	40	**31**	**NA**	33	**30**	NA	**32**	**31**
ORGANIC ACIDS																									
4-Chlorobenzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phthalic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCHLORINATED BIPHENYLS																									
2,3-DiCB-(5)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3'-DiCB-(6)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DiCB-(7)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4'-DiCB-(8)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,5-DiCB-(9)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DiCB-(10)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
22'-DiCB-(4)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'55'-HeptaCB-(189)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'-PentaCB-(105)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'55'-HexaCB-(167)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2344'5-PentaCB-(114)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'5-PentaCB-(118)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
23'44'5'-PentaCB-(123)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DiCB-(11)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,5-DiCB-(14)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'55'-HexaCB-(169)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'5-PentaCB-(126)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'-TetraCB-(77)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
344'5-TetraCB-(81)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DiCB-(15)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DiCB-(12)+(13)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HexaCB-(156)+(157)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES																									
2,4'-DDD	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0027**	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
2,4'-DDE	mg/kg	<0.0016	<0.0016	<0.0016	**0.0016J+**	**0.0042**	NA	**0.014J**	<0.0016	NA	**0.08**	<0.0016	<0.0016	NA	**0.015**	<0.0016	**NA**	0.029	**0.0027**	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
2,4'-DDT	mg/kg	<0.0016	<0.0016	<0.0016	**0.0018J+**	**0.0029**	NA	**0.0022**	<0.0016	NA	**0.059**	<0.0016	<0.0016	NA	**0.0086**	<0.0016	**NA**	0.066	**0.004**	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
4,4'-DDD	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0051**	<0.0016	<0.0016	NA	**0.0033**	<0.0016	**NA**	0.0051	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
4,4'-DDE	mg/kg	<0.0016	**0.0049**	**0.0027**	**0.013J+**	**0.034**	NA	**0.017**	<0.0016	NA	**0.51**	**0.0025J**	**0.0033**	NA	**0.077**	<0.0016	**NA**	0.25	**0.024**	**NA**	0.0032	<0.0016	NA	<0.0016	<0.0016
4,4'-DDT	mg/kg	<0.0016	**0.004**	**0.0026**	**0.0073J+**	**0.02**	NA	**0.013**	<0.0016	NA	**0.44**	<0.0016	<0.0016	NA	**0.065**	<0.0016	**NA**	0.58	**0.03**	**NA**	0.0024	<0.0016	NA	<0.0016	<0.0016
Aldrin	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
alpha-BHC	mg/kg	<0.0016	<0.0016	<0.0016	**0.0024J+**	<0.0016	NA	**0.002**	<0.0016	NA	**0.0017**	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	0.0018	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
beta-BHC	mg/kg	**0.0032**	**0.009**	**0.0056**	**0.066J+**	**0.02**	NA	**0.083**	**0.013**	NA	**0.24**	**0.0025**	**0.0029**	NA	**0.37**	**0.0021**	**NA**	0.15	**0.0092**	**NA**	0.008	<0.0016	NA	**0.0095**	<0.0016
Chlordane	mg/kg	<0.011	<0.011	<0.011	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	<0.011	NA	<0.011	<0.011	**NA**	<0.011	<0.011	**NA**	<0.011	<0.011	NA	<0.011	<0.011
delta-BHC	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Dieldrin	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endosulfan I	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endosulfan II	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endosulfan sulfate	mg/kg	<0.0021	<0.0021	<0.0021	**0.0022J+**	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	NA	<0.0021	<0.0021
Endrin	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endrin aldehyde	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endrin ketone	mg/kg	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	NA	<0.0021	<0.0021
gamma-BHC (Lindane)	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Heptachlor	mg/kg	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	NA	<0.0021	<0.0021
Heptachlor epoxide	mg/kg	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	**NA**	<0.0021	<0.0021	NA	<0.0021	<0.0021
Methoxychlor	mg/kg	<0.0016	<0.0016	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	**NA**	<0.0016	<0.0016	NA	<0.0016	<0.0016
Toxaphene	mg/kg	<0.054	<0.054	<0.054	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	<0.054	NA	<0.054	<0.054	**NA**	<0.054	<0.054	**NA**	<0.054	<0.054	NA	<0.054	<0.054
SEMIVOLATILE ORGANIC COMPOUNDS																									
1,2,4,5-Tetrachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine/Azobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-/4,4'-Dichlorobenzil	mg/kg	<0.11	<0.11	<0.11	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	<0.11	NA	<0.11	<0.11	**NA**	<0.11	<0.11	**NA**	<0.11	<0.11	NA	<0.11	<0.11
2,4,5-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Hexene-2,5-dione	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-Dichlorobenzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
4-Chloroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzenethiol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl methyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl methyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(4-chlorophenyl)disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diphenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hydroxymethylphthalimide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Octachlorostyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thiophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS																									
1,1,1,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
1,2,3-Trichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylenes	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butyl Ether (MTBE)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tentatively Identified Compounds	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16		
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
ALDEHYDES																										
Acetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASBESTOS																										
Amphibole Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA
Chrysotile Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA
Long Amphibole Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA
Long Chrysotile Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA
Total Amphibole Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA
Total Chrysotile Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA
INORGANIC COMPOUNDS																										
Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	mg/kg	NA	**9400**	**8900**	NA	**11000**	**11000**	**10000**	NA	**11000**	**12000**	NA	**11000**	**9000**	NA	**8900**	**9000**	NA	**12000**	**11000**	NA	**12000**	**11000**	NA	**11000**	**12000**
Antimony	mg/kg	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015J	<0.015J	NA	<0.015	<0.015	NA	<0.015J	<0.015J
Arsenic	mg/kg	NA	**3.4**	**4.1**	NA	**2.7**	**2.7**	**3.7**	NA	**2.5**	**3.6**	NA	**5.6**	**4.2**	NA	**5.5**	**4.2**	NA	**2.9**	**3.3**	NA	**4**	**3.1**	NA	**4.3**	**3.7**
Barium	mg/kg	NA	**200**	**210**	NA	**210**	**210**	**140**	NA	**180**	**260**	NA	**470**	**180**	NA	**360**	**220**	NA	**190**	**180**	NA	**200**	**190**	NA	**180**	**160**
Beryllium	mg/kg	NA	**0.58**	**0.51**	NA	**0.64**	**0.64**	**0.47**	NA	**0.5**	**0.63**	NA	**0.47**	**0.45**	NA	**0.35**	**0.46**	NA	**0.56**	**0.5**	NA	**0.64**	**0.54**	NA	**0.55**	**0.6**
Bicarbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	NA	**0.63**	**0.62**	NA	**0.73**	**0.73**	**0.57**	NA	**0.63**	**0.66**	NA	**0.36**	**0.57**	NA	**0.36**	**0.67**	NA	**0.58**	**0.6**	NA	**0.8**	**0.79**	NA	**0.78**	**0.61**
Calcium	mg/kg	NA	**25000**	**54000**	NA	**28000J**	**28000J**	**51000J**	NA	**27000J**	**33000J**	NA	**26000J**	**58000J**	NA	**30000J**	**35000J**	NA	**27000J**	**39000J**	NA	**33000**	**21000**	NA	**40000**	**35000**
Carbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	NA	**10**	**9.4**	NA	**12**	**12**	**9.8**	NA	**8.7**	**11**	NA	**7.1**	**9**	NA	**7.4**	**9.1**	NA	**11**	**11**	NA	**13**	**9.5**	NA	**12**	**10**
Chromium [VI]	mg/kg	NA	<0.13	<0.13	NA	<0.13	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13	NA	<0.13	<0.13
Cobalt	mg/kg	NA	**6.2**	**7.2**	NA	**7.6**	**7.6**	**6.6**	NA	**6.5**	**6.8**	NA	**3.9**	**5.8**	NA	**4**	**6.3**	NA	**7.3**	**6**	NA	**6.8**	**6.7**	NA	**7.2**	**6**
Copper	mg/kg	NA	**14**	**15**	NA	**21**	**21**	**13**	NA	**14**	**14**	NA	**8**	**11**	NA	**8.6**	**14**	NA	**15**	**14**	NA	**15**	**15**	NA	**21J-**	**14**
Hydroxide Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	NA	**10000**	**12000**	NA	**22000**	**22000**	**25000**	NA	**25000**	**25000**	NA	**17000**	**17000**	NA	**15000**	**20000**	NA	**25000**	**22000**	NA	**22000**	**24000**	NA	**21000**	**22000**
Lead	mg/kg	NA	**12**	**7.9**	NA	**13**	**13**	**6.6**	NA	**9.1**	**8**	NA	**10**	**6**	NA	**9.8**	**12**	NA	**9.3**	**12**	NA	**13**	**7.4**	NA	**20**	**8**
Lithium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	NA	**9000**	**11000**	NA	**10000**	**10000**	**13000**	NA	**10000**	**11000**	NA	**7100**	**12000**	NA	**7700**	**8200**	NA	**10000**	**13000**	NA	**13000J**	**10000J**	NA	**20000J**	**13000J**
Manganese	mg/kg	NA	**350**	**430**	NA	**390**	**390**	**250**	NA	**400**	**310**	NA	**280**	**240**	NA	**270**	**340**	NA	**400**	**400**	NA	**410**	**290**	NA	**500**	**270**
Mercury	mg/kg	NA	**0.033**	**0.033**	NA	**0.019**	**0.019**	**0.016**	NA	**0.022**	**0.019**	NA	<0.013	**0.02**	NA	<0.013	**0.021**	NA	**0.027**	**0.024**	NA	**0.029**	<0.013	NA	**0.022**	**0.026**
Molybdenum	mg/kg	NA	**0.29**	**0.48**	NA	**0.48**	**0.48**	**0.16**	NA	**0.25**	**0.2**	NA	**0.21**	**0.24**	NA	**0.28**	**0.34**	NA	**0.42**	**0.39**	NA	**0.54**	**0.19**	NA	**0.83**	**0.6**
Nickel	mg/kg	NA	**14**	**15**	NA	**17**	**17**	**15**	NA	**15**	**14**	NA	**9.1**	**14**	NA	**10**	**14**	NA	**14**	**14**	NA	**15**	**18**	NA	**16**	**15**
pH	pH units	NA	**9.3**	**9.7**	NA	**9.2**	**9.2**	**9.2**	NA	**9.2**	**9.4**	NA	**9.6**	**9.8**	NA	**9.1**	**9.3**	NA	**9.4**	**8.9**	NA	**9.6**	**9.7**	NA	**9.7**	**8.8**
Phosphorus	mg/kg	NA	**960**	**860**	NA	**1200**	**1200**	**870**	NA	**1300**	**820**	NA	**680**	**910**	NA	**740**	**790**	NA	**740**	**750**	NA	**870**	**1400**	NA	**950**	**820**
Potassium	mg/kg	NA	**2900**	**2600**	NA	**3000**	**3000**	**2600**	NA	**3300**	**3200**	NA	**3300**	**2500**	NA	**3200**	**3000**	NA	**3400**	**2900**	NA	**3200**	**2200**	NA	**3300**	**3200**
Selenium	mg/kg	NA	**0.76**	**0.9**	NA	**0.76**	**0.76**	**0.67**	NA	**0.65**	**0.85**	NA	**0.4**	**0.75**	NA	**0.43**	**0.94**	NA	**0.63**	**0.63**	NA	**0.66**	**0.48**	NA	**0.6**	**0.77**
Silver	mg/kg	NA	**0.085**	**0.078**	NA	**0.083**	**0.083**	**0.065**	NA	**0.075**	**0.086**	NA	**0.041**	**0.067**	NA	**0.056**	**0.07**	NA	**0.065**	**0.068**	NA	**0.085**	**0.091**	NA	**0.092J-**	**0.079**
Sodium	mg/kg	NA	**390**	**340**	NA	**500J+**	**500J+**	**490J+**	NA	**620J+**	**600J+**	NA	**1200J+**	**930J+**	NA	**630J+**	**520J+**	NA	**440J+**	**570J+**	NA	**730J+**	**800J+**	NA	**1800J+**	**1300J+**
Strontium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	mg/kg	NA	<23	<23	NA	<23	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	<23	<23	NA	**610**	**540**
Thallium	mg/kg	NA	**0.12**	**0.11**	NA	**0.15**	**0.15**	**0.089**	NA	**0.11**	**0.12**	NA	**0.11**	**0.11**	NA	**0.12**	**0.12**	NA	**0.13**	**0.15**	NA	**0.17**	**0.089**	NA	**0.26**	**0.1**
Tin	mg/kg	NA	**2.6**	**2.2**	NA	<1.4	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	<1.4	<1.4	NA	**3.4**	**1.4**
Titanium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Uranium	mg/kg	NA	**0.91**	**1**	NA	**0.82**	**0.82**	**0.86**	NA	**0.7**	**1.2**	NA	**0.96**	**1.2**	NA	**1.1**	**0.95**	NA	**0.82**	**1.1**	NA	**1.1**	**1**	NA	**1**	**1.2**
Vanadium	mg/kg	NA	**25**	**30**	NA	**27**	**27**	**28**	NA	**24**	**31**	NA	**19**	**26**	NA	**20**	**27**	NA	**26**	**27**	NA	**31**	**30**	NA	**29**	**27**
Zinc	mg/kg	NA	**48**	**30**	NA	**43**	**43**	**27**	NA	**33**	**32**	NA	**32**	**24**	NA	**31**	**32**	NA	**33**	**30**	NA	**93**	**31**	NA	**51J-**	**30**
ORGANIC ACIDS																										
4-Chlorobenzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phthalic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
POLYCHLORINATED BIPHENYLS																										
2,3-DiCB-(5)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3'-DiCB-(6)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DiCB-(7)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4'-DiCB-(8)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,5-DiCB-(9)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DiCB-(10)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
22'-DiCB-(4)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'55'-HeptaCB-(189)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'-PentaCB-(105)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'55'-HexaCB-(167)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2344'5-PentaCB-(114)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'5-PentaCB-(118)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16		
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
23'44'5'-PentaCB-(123)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DiCB-(11)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,5-DiCB-(14)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'55'-HexaCB-(169)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'5-PentaCB-(126)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'-TetraCB-(77)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
344'5-TetraCB-(81)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DiCB-(15)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DiCB-(12)+(13)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HexaCB-(156)+(157)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES																										
2,4'-DDD	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	**0.0032**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
2,4'-DDE	mg/kg	NA	<0.0016	<0.0016	NA	**0.21**	**0.21**	**0.0018**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0058**	**0.032**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
2,4'-DDT	mg/kg	NA	**0.0019**	<0.0016	NA	**0.004**	**0.004**	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.003**	**0.056**	NA	<0.0016	<0.0016	NA	**0.014**	<0.0016	NA	**0.0044**	<0.0016
4,4'-DDD	mg/kg	NA	**0.0017**	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0017**	**0.0071**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
4,4'-DDE	mg/kg	NA	**0.1**	**0.0096**	NA	**2.2**	**2.2**	**0.015**	NA	**0.0071**	<0.0016	NA	<0.0016	<0.0016	NA	**0.017**	**0.26**	NA	**0.0047**	**0.0073**	NA	**0.15**	<0.0016	NA	**0.24**	<0.0016
4,4'-DDT	mg/kg	NA	<0.0016	<0.0016	NA	**0.091**	**0.091**	<0.0016	NA	**0.0018**	<0.0016	NA	<0.0016	<0.0016	NA	**0.028**	**0.45**	NA	**0.0048**	**0.0051**	NA	**0.22**	<0.0016	NA	**0.059J+**	<0.0016
Aldrin	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
alpha-BHC	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	**0.0017**	**0.0034**	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
beta-BHC	mg/kg	NA	**0.024**	**0.0094**	NA	**0.13**	**0.13**	<0.0016	NA	**0.033**	<0.0016	NA	**0.012**	<0.0016	NA	**0.17**	**0.21**	NA	**0.27**	**0.1**	NA	**0.25**	<0.0016	NA	**0.81**	**0.0061**
Chlordane	mg/kg	NA	<0.011	<0.011	NA	<0.011	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011	NA	<0.011	<0.011
delta-BHC	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Dieldrin	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endosulfan I	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endosulfan II	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endosulfan sulfate	mg/kg	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
Endrin	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endrin aldehyde	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Endrin ketone	mg/kg	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
gamma-BHC (Lindane)	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Heptachlor	mg/kg	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
Heptachlor epoxide	mg/kg	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021	NA	<0.0021	<0.0021
Methoxychlor	mg/kg	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016	NA	<0.0016	<0.0016
Toxaphene	mg/kg	NA	<0.054	<0.054	NA	<0.054	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054	NA	<0.054	<0.054
SEMIVOLATILE ORGANIC COMPOUNDS																										
1,2,4,5-Tetrachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine/Azobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-/4,4'-Dichlorobenzil	mg/kg	NA	<0.11	<0.11	**NA**	<0.11	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11	NA	<0.11	<0.11
2,4,5-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Hexene-2,5-dione	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-Dichlorobenzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16		
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
4-Chloroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzenethiol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl methyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl methyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(4-chlorophenyl)disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diphenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hydroxymethylphthalimide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Octachlorostyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thiophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS																										
1,1,1,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16		
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009
1,2,3-Trichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylenes	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butyl Ether (MTBE)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tentatively Identified Compounds	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-17		FTF-21D					SS-EC-024	Summary Statistics*						
	Sample Depth (ft bgs)	0.5	3	10	20	30	40	50	0-0.25	Frequency of Detection	Range of Detection Limits	Minimum Detection	Mean Detection	Mean (1/2 Detection Limit)	Median	Maximum Detection
	Date / Units	2/25/2010	2/25/2010	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007							
ALDEHYDES																
Acetaldehyde	mg/kg	NA	NA	<0.07704	NA	<0.09648	NA	<0.09648	NA	0 / 3	0.077-0.096	ND	ND	4.5E-02	9.6E-02	ND
Chloroacetaldehyde	mg/kg	NA	NA	<0.1284	NA	<0.1608	NA	<0.1608	NA	0 / 3	0.13-0.16	ND	ND	7.5E-02	1.6E-01	ND
Formaldehyde	mg/kg	NA	NA	<0.5564	NA	<0.6968	NA	<0.6968	NA	0 / 3	0.56-0.7	ND	ND	3.3E-01	7.0E-01	ND
ASBESTOS																
Amphibole Protocol Structure	s/gPM10	<8940000	NA	NA	NA	NA	NA	NA	NA	0 / 17	8900000-9000000	ND	ND	4.5E+06	8.9E+06	ND
Chrysotile Protocol Structure	s/gPM10	<8940000	NA	NA	NA	NA	NA	NA	NA	0 / 17	8900000-9000000	ND	ND	4.5E+06	8.9E+06	ND
Long Amphibole Protocol Structure	s/gPM10	<8940000	NA	NA	NA	NA	NA	NA	NA	0 / 17	8900000-9000000	ND	ND	4.5E+06	8.9E+06	ND
Long Chrysotile Protocol Structure	s/gPM10	<8940000	NA	NA	NA	NA	NA	NA	NA	0 / 17	8900000-9000000	ND	ND	4.5E+06	8.9E+06	ND
Total Amphibole Protocol Structure	s/gPM10	<8940000	NA	NA	NA	NA	NA	NA	NA	0 / 17	8900000-9000000	ND	ND	4.5E+06	8.9E+06	ND
Total Chrysotile Protocol Structure	s/gPM10	<8940000	NA	NA	NA	NA	NA	NA	NA	0 / 17	8900000-9000000	ND	ND	4.5E+06	8.9E+06	ND
INORGANIC COMPOUNDS																
Alkalinity as CaCO3	mg/kg	NA	NA	**44940**	NA	**16080**	NA	**5360**	NA	3 / 3	54-67	5.4E+03	2.2E+04	2.2E+04	1.6E+04	4.5E+04
Aluminum	mg/kg	**12000**	**12000**	**9630**	NA	**17420**	NA	**21440**	NA	37 / 37	320-460	8.2E+03	1.1E+04	1.1E+04	1.0E+04	2.1E+04
Antimony	mg/kg	<0.014J	<0.014J	<0.1605	NA	<0.201	NA	<0.201	NA	0 / 37	0.013-0.2	ND	ND	1.4E-02	1.5E-02	ND
Arsenic	mg/kg	**3.1**	**3.4**	**1.498J**	NA	**17.42**	NA	**28.14**	NA	37 / 37	0.046-1.6	1.5E+00	4.6E+00	4.6E+00	3.5E+00	2.8E+01
Barium	mg/kg	**220**	**210**	**149.8**	NA	**116.58**	NA	**100.5**	NA	37 / 37	0.063-0.54	1.0E+02	2.0E+02	2.0E+02	1.9E+02	4.7E+02
Beryllium	mg/kg	**0.61**	**0.73**	**0.6099**	NA	**0.938**	NA	**1.474**	NA	37 / 37	0.02-0.27	3.5E-01	6.0E-01	6.0E-01	5.9E-01	1.5E+00
Bicarbonate Alkalinity as CaCO3	mg/kg	NA	NA	**43870**	NA	**14740**	NA	**5092**	NA	3 / 3	54-67	5.1E+03	2.1E+04	2.1E+04	1.5E+04	4.4E+04
Boron	mg/kg	NA	NA	<1.07	NA	**40.2**	NA	**29.48**	NA	2 / 3	1.1-1.3	1.1E+00	3.5E+01	2.3E+01	2.9E+01	4.0E+01
Cadmium	mg/kg	**0.56**	**0.57**	<0.1284	NA	<0.1608	NA	<0.1608	NA	34 / 37	0.0085-0.16	1.3E-01	6.1E-01	5.7E-01	6.1E-01	8.0E-01
Calcium	mg/kg	**20000J**	**29000J**	**58850**	NA	**18760**	NA	**8442**	NA	37 / 37	6.6-8.3	8.4E+03	3.2E+04	3.2E+04	3.1E+04	5.9E+04
Carbonate Alkalinity as CaCO3	mg/kg	NA	NA	**1284**	NA	**1072**	NA	**268**	NA	3 / 3	54-67	2.7E+02	8.7E+02	8.7E+02	1.1E+03	1.3E+03
Chloride	mg/kg	NA	NA	**8.988**	NA	**1192.6**	NA	**93.8**	NA	3 / 3	1.1-6.7	9.0E+00	4.3E+02	4.3E+02	9.4E+01	1.2E+03
Chromium	mg/kg	**11**	**11**	**7.383**	NA	**44.22**	NA	**20.1**	NA	37 / 37	0.068-2.4	5.6E+00	1.1E+01	1.1E+01	1.0E+01	4.4E+01
Chromium [VI]	mg/kg	<0.13	<0.13	NA	NA	NA	NA	NA	NA	0 / 34	0.13	ND	ND	6.4E-02	1.3E-01	ND
Cobalt	mg/kg	**7.2**	**7.5**	**7.062**	NA	**6.298**	NA	**9.648**	NA	37 / 37	0.006-0.54	3.6E+00	6.8E+00	6.8E+00	6.8E+00	1.3E+01
Copper	mg/kg	**17J**	**15J**	**14.98**	NA	**14.74**	NA	**21.44**	NA	37 / 37	0.064-1.3	7.8E+00	1.4E+01	1.4E+01	1.4E+01	2.1E+01
Hydroxide Alkalinity as CaCO3	mg/kg	NA	NA	<53.5	NA	<67	NA	<67	NA	0 / 3	54-67	ND	ND	3.1E+01	6.7E+01	ND
Iron	mg/kg	**22000**	**21000**	**13910**	NA	**14740**	NA	**17420**	NA	37 / 37	1.6-8	1.0E+04	1.9E+04	1.9E+04	2.0E+04	2.8E+04
Lead	mg/kg	**8.9**	**9.4**	**6.527**	NA	**7.906**	NA	**10.72**	NA	37 / 37	0.016-0.34	6.0E+00	9.6E+00	9.6E+00	9.1E+00	2.0E+01
Lithium	mg/kg	NA	NA	**19.26**	NA	**83.08**	NA	**61.64**	NA	3 / 3	4.1-5.1	1.9E+01	5.5E+01	5.5E+01	6.2E+01	8.3E+01
Magnesium	mg/kg	**9500**	**10000**	**12840**	NA	**28140**	NA	**30820**	NA	37 / 37	1.1-2.1	6.4E+03	1.1E+04	1.1E+04	1.0E+04	3.1E+04
Manganese	mg/kg	**420**	**440**	**278.2**	NA	**254.6**	NA	**469**	NA	37 / 37	0.03-2	2.4E+02	3.5E+02	3.5E+02	3.4E+02	5.0E+02
Mercury	mg/kg	**0.019**	<0.013	**0.01284**	NA	<0.01072	NA	<0.01072	NA	27 / 37	0.0086-0.013	1.1E-02	2.2E-02	1.8E-02	1.9E-02	4.4E-02
Molybdenum	mg/kg	**0.24**	**0.25**	<0.535	NA	<0.67	NA	<0.67	NA	34 / 37	0.016-0.67	1.6E-01	3.1E-01	3.1E-01	2.7E-01	8.3E-01
Nickel	mg/kg	**15**	**16**	**13.91**	NA	**13.4**	NA	**20.1**	NA	37 / 37	0.022-2.9	8.5E+00	1.5E+01	1.5E+01	1.5E+01	2.0E+01
pH	pH units	**8.4**	**8.2**	**9.0201**	NA	**10.3716**	NA	**11.1622**	NA	37 / 37	0.011-0.11	8.2E+00	9.1E+00	9.1E+00	9.1E+00	1.1E+01
Phosphorus	mg/kg	**1200**	**1000**	**877.4**	NA	**576.2**	NA	**911.2J**	NA	37 / 37	2.7-47	5.8E+02	9.4E+02	9.4E+02	9.0E+02	1.4E+03
Potassium	mg/kg	**3600**	**4100**	**1712**	NA	**4556**	NA	**5360**	NA	37 / 37	20-25	1.7E+03	3.2E+03	3.2E+03	3.1E+03	5.4E+03
Selenium	mg/kg	**1.1**	**1.6**	<1.07	NA	<1.3266	NA	<1.34	NA	34 / 37	0.12-1.3	4.0E-01	8.0E-01	7.9E-01	7.8E-01	1.6E+00
Silver	mg/kg	<0.019	<0.019	<0.2675	NA	<0.335	NA	<0.335	NA	28 / 37	0.018-0.34	1.8E-02	7.6E-02	7.2E-02	7.5E-02	1.2E-01
Sodium	mg/kg	**640J-**	**500J-**	**652.7**	NA	**2144**	NA	**1246.2**	NA	37 / 37	26-32	2.6E+02	7.7E+02	7.7E+02	6.0E+02	2.1E+03
Strontium	mg/kg	NA	NA	**256.8**	NA	**84.42**	NA	**120.6**	NA	3 / 3	0.75-0.94	8.4E+01	1.5E+02	1.5E+02	1.2E+02	2.6E+02
Sulfur	mg/kg	**210**	**270**	NA	NA	NA	NA	NA	NA	8 / 34	23	2.3E+01	6.0E+02	1.5E+02	2.3E+01	2.2E+03
Thallium	mg/kg	**0.11**	**0.21**	<0.535	NA	<0.67	NA	<0.67	NA	33 / 37	0.0032-0.67	3.3E-03	1.3E-01	1.4E-01	1.2E-01	2.6E-01
Tin	mg/kg	**5.1**	**4.9**	<1.391	NA	<1.742	NA	<1.742	NA	16 / 37	1.4-1.7	1.4E+00	3.2E+00	1.8E+00	1.4E+00	5.2E+00
Titanium	mg/kg	NA	NA	**577.8**	NA	**723.6**	NA	**1058.6**	NA	3 / 3	0.21-0.27	5.8E+02	7.9E+02	7.9E+02	7.2E+02	1.1E+03
Uranium	mg/kg	**0.68**	**0.75**	NA	NA	NA	NA	NA	NA	34 / 34	0.0014-0.0017	6.8E-01	9.5E-01	9.5E-01	9.5E-01	1.2E+00
Vanadium	mg/kg	**28**	**27**	**37.45**	NA	**44.22**	NA	**58.96**	NA	37 / 37	0.034-2.7	1.7E+01	2.8E+01	2.8E+01	2.8E+01	5.9E+01
Zinc	mg/kg	**34**	**34**	**31.03**	NA	**44.22**	NA	**60.3**	NA	37 / 37	0.29-8.7	2.4E+01	3.6E+01	3.6E+01	3.2E+01	9.3E+01
ORGANIC ACIDS																
4-Chlorobenzenesulfonic acid	mg/kg	NA	NA	<0.535	NA	<0.67	NA	<0.67	NA	0 / 3	0.54-0.67	ND	ND	3.1E-01	6.7E-01	ND
Benzenesulfonic acid	mg/kg	NA	NA	<0.535	NA	<2.68	NA	<0.67	NA	0 / 3	0.54-2.7	ND	ND	6.5E-01	6.7E-01	ND
Diethyl phosphorodithioic acid	mg/kg	NA	NA	<0.535	NA	<0.67	NA	<0.67	NA	0 / 3	0.54-0.67	ND	ND	3.1E-01	6.7E-01	ND
Dimethyl phosphorodithioic acid	mg/kg	NA	NA	<10.7	NA	<53.6	NA	<3.35	NA	0 / 3	3.4-54	ND	ND	1.1E+01	1.1E+01	ND
Phthalic acid	mg/kg	NA	NA	<0.535	NA	<0.67	NA	<0.67	NA	0 / 3	0.54-0.67	ND	ND	3.1E-01	6.7E-01	ND
POLYCHLORINATED BIPHENYLS																
2,3-DiCB-(5)	mg/kg	NA	NA	<0.000006313	NA	<0.000005628	NA	<0.000008174	NA	0 / 3	0.0000056-0.0000082	ND	ND	3.4E-06	6.3E-06	ND
2,3'-DiCB-(6)	mg/kg	NA	NA	<0.000005671	NA	<0.000004958	NA	<0.00000737	NA	0 / 3	0.000005-0.0000074	ND	ND	3.0E-06	5.7E-06	ND
2,4-DiCB-(7)	mg/kg	NA	NA	<0.0000005564	NA	<0.000004958	NA	<0.000007236	NA	0 / 3	0.000005-0.0000072	ND	ND	3.0E-06	5.6E-06	ND
2,4'-DiCB-(8)	mg/kg	NA	NA	**0.000006206**	NA	**0.000009782**	NA	<0.0000067	NA	2 / 3	0.0000046-0.0000067	6.2E-06	8.0E-06	6.4E-06	6.7E-06	9.8E-06
2,5-DiCB-(9)	mg/kg	NA	NA	<0.000005671	NA	<0.000005092	NA	<0.000007504	NA	0 / 3	0.0000051-0.0000075	ND	ND	3.0E-06	5.7E-06	ND
2,6-DiCB-(10)	mg/kg	NA	NA	<0.00000321	NA	<0.00000469	NA	<0.000004958	NA	0 / 3	0.0000032-0.000005	ND	ND	2.1E-06	4.7E-06	ND
22'-DiCB-(4)	mg/kg	NA	NA	<0.00000428	NA	<0.000006298	NA	<0.000006566	NA	0 / 3	0.0000043-0.0000066	ND	ND	2.9E-06	6.3E-06	ND
233'44'55'-HeptaCB-(189)	mg/kg	NA	NA	<0.0000003531	NA	<0.0000007638	NA	<0.0000005628	NA	0 / 3	0.00000035-0.00000076	ND	ND	2.8E-07	5.6E-07	ND
233'44'-PentaCB-(105)	mg/kg	NA	NA	<0.0000002675	NA	<0.0000008576	NA	<0.0000007236	NA	0 / 3	0.00000027-0.00000086	ND	ND	3.1E-07	7.2E-07	ND
23'44'55'-HexaCB-(167)	mg/kg	NA	NA	**5.992E-07**	NA	<0.0000008978	NA	**0.000000804**	NA	2 / 3	0.00000033-0.0000009	6.0E-07	7.0E-07	6.2E-07	8.0E-07	8.0E-07
2344'5-PentaCB-(114)	mg/kg	NA	NA	<0.0000002782	NA	<0.00000067	NA	<0.0000008174	NA	0 / 3	0.00000028-0.00000082	ND	ND	2.9E-07	6.7E-07	ND
23'44'5-PentaCB-(118)	mg/kg	NA	NA	<0.0000002782	NA	<0.0000006566	NA	<0.000000804	NA	0 / 3	0.00000028-0.0000008	ND	ND	2.9E-07	6.6E-07	ND

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-17		FTF-21D					SS-EC-024	Summary Statistics*						
	Sample Depth (ft bgs)	0.5	3	10	20	30	40	50	0-0.25	Frequency of Detection	Range of Detection Limits	Minimum Detection	Mean Detection	Mean (1/2 Detection Limit)	Median	Maximum Detection
	Date / Units	2/25/2010	2/25/2010	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007							
23'44'5'-PentaCB-(123)	mg/kg	NA	NA	<0.0000002782	NA	<0.00000067	NA	<0.0000008174	NA	0 / 3	0.00000028-0.00000082	ND	ND	2.9E-07	6.7E-07	ND
3,3'-DiCB-(11)	mg/kg	NA	NA	<0.000005885	NA	<0.000006432	NA	<0.000007772	NA	0 / 3	0.0000059-0.0000078	ND	ND	3.3E-06	6.4E-06	ND
3,5-DiCB-(14)	mg/kg	NA	NA	<0.000005671	NA	<0.000005092	NA	<0.00000737	NA	0 / 3	0.0000051-0.0000074	ND	ND	3.0E-06	5.7E-06	ND
33'44'55'-HexaCB-(169)	mg/kg	NA	NA	<0.0000003424	NA	<0.00000067	NA	<0.0000006968	NA	0 / 3	0.00000034-0.0000007	ND	ND	2.8E-07	6.7E-07	ND
33'44'5-PentaCB-(126)	mg/kg	NA	NA	<0.0000002675	NA	<0.0000006298	NA	<0.0000007638	NA	0 / 3	0.00000027-0.00000076	ND	ND	2.8E-07	6.3E-07	ND
33'44'-TetraCB-(77)	mg/kg	NA	NA	**2.782e-007**	NA	<0.0000003618	NA	<0.0000004288	NA	1 / 3	0.0000002-0.00000043	0.0E+00	2.8E-07	2.2E-07	3.6E-07	2.8E-07
344'5-TetraCB-(81)	mg/kg	NA	NA	<0.000000214	NA	<0.0000003886	NA	<0.0000004422	NA	0 / 3	0.00000021-0.00000044	ND	ND	1.7E-07	3.9E-07	ND
4,4'-DiCB-(15)	mg/kg	NA	NA	<0.000007062	NA	<0.000005628	NA	<0.000009246	NA	0 / 3	0.0000056-0.0000092	ND	ND	3.7E-06	7.1E-06	ND
Aroclor 1016	mg/kg	NA	NA	<0.02675	NA	<0.0335	NA	<0.0335	NA	0 / 3	0.027-0.034	ND	ND	1.6E-02	3.4E-02	ND
Aroclor 1221	mg/kg	NA	NA	<0.01391	NA	<0.01742	NA	<0.01742	NA	0 / 3	0.014-0.017	ND	ND	8.1E-03	1.7E-02	ND
Aroclor 1232	mg/kg	NA	NA	<0.00642	NA	<0.00804	NA	<0.00804	NA	0 / 3	0.0064-0.008	ND	ND	3.8E-03	8.0E-03	ND
Aroclor 1242	mg/kg	NA	NA	<0.01712	NA	<0.02144	NA	<0.02144	NA	0 / 3	0.017-0.021	ND	ND	1.0E-02	2.1E-02	ND
Aroclor 1248	mg/kg	NA	NA	<0.0107	NA	<0.0134	NA	<0.0134	NA	0 / 3	0.011-0.013	ND	ND	6.3E-03	1.3E-02	ND
Aroclor 1254	mg/kg	NA	NA	<0.01712	NA	<0.02144	NA	<0.02144	NA	0 / 3	0.017-0.021	ND	ND	1.0E-02	2.1E-02	ND
Aroclor 1260	mg/kg	NA	NA	<0.02675	NA	<0.0335	NA	<0.0335	NA	0 / 3	0.027-0.034	ND	ND	1.6E-02	3.4E-02	ND
DiCB-(12)+(13)	mg/kg	NA	NA	<0.000005778	NA	<0.000005092	NA	<0.000007504	NA	0 / 3	0.0000051-0.0000075	ND	ND	3.1E-06	5.8E-06	ND
HexaCB-(156)+(157)	mg/kg	NA	NA	<0.0000003317	NA	<0.0000006432	NA	<0.00000067	NA	0 / 3	0.00000033-0.00000067	ND	ND	2.7E-07	6.4E-07	ND
PESTICIDES																
2,4'-DDD	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	NA	2 / 37	0.0016-0.002	1.6E-03	2.9E-03	9.3E-04	1.6E-03	3.2E-03
2,4'-DDE	mg/kg	<0.0016	<0.0016	<0.00107	NA	<0.00134	NA	<0.00134	NA	11 / 37	0.0011-0.016	1.1E-03	3.6E-02	1.1E-02	1.6E-03	2.1E-01
2,4'-DDT	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	NA	13 / 37	0.0016-0.002	1.6E-03	1.8E-02	6.7E-03	1.6E-03	6.6E-02
4,4'-DDD	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.01177	6 / 38	0.0016-0.012	1.6E-03	4.0E-03	1.5E-03	1.6E-03	7.1E-03
4,4'-DDE	mg/kg	**0.0031**	**0.0083**	<0.001605	NA	<0.00201	NA	<0.00201	**0.1391**	24 / 38	0.0016-0.08	1.6E-03	1.7E-01	1.1E-01	6.0E-03	2.2E+00
4,4'-DDT	mg/kg	**0.0017**	**0.0042**	<0.003745	NA	<0.00469	NA	<0.00469	**0.107**	20 / 38	0.0016-0.035	1.6E-03	1.1E-01	5.7E-02	3.9E-03	5.8E-01
Aldrin	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.006099	0 / 38	0.0016-0.0061	ND	ND	8.7E-04	1.6E-03	ND
alpha-BHC	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.006099	6 / 38	0.0016-0.0061	1.6E-03	2.2E-03	1.1E-03	1.6E-03	3.4E-03
beta-BHC	mg/kg	**0.031**	**0.032**	<0.00321	NA	<0.00402	NA	<0.00402	**0.1498**	29 / 38	0.0016-0.032	1.6E-03	1.1E-01	8.5E-02	1.2E-02	8.1E-01
Chlordane	mg/kg	<0.011	<0.011	<0.0107	NA	<0.0134	NA	<0.0134	<0.1177	0 / 38	0.011-0.12	ND	ND	6.8E-03	1.1E-02	ND
delta-BHC	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.006099	0 / 38	0.0016-0.0061	ND	ND	8.7E-04	1.6E-03	ND
Dieldrin	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.01177	0 / 38	0.0016-0.012	ND	ND	9.5E-04	1.6E-03	ND
Endosulfan I	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.006099	0 / 38	0.0016-0.0061	ND	ND	8.7E-04	1.6E-03	ND
Endosulfan II	mg/kg	<0.0016	<0.0016	<0.002675	NA	<0.00335	NA	<0.00335	<0.01177	0 / 38	0.0016-0.012	ND	ND	1.0E-03	1.6E-03	ND
Endosulfan sulfate	mg/kg	<0.0021	<0.0021	<0.00214	NA	<0.00268	NA	<0.00268	<0.01177	1 / 38	0.0021-0.012	2.2E-03	2.2E-03	1.2E-03	2.1E-03	2.2E-03
Endrin	mg/kg	<0.0016	<0.0016	<0.002675	NA	<0.00335	NA	<0.00335	<0.01177	0 / 38	0.0016-0.012	ND	ND	1.0E-03	1.6E-03	ND
Endrin aldehyde	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.02354	0 / 38	0.0016-0.024	ND	ND	1.1E-03	1.6E-03	ND
Endrin ketone	mg/kg	<0.0021	<0.0021	<0.00214	NA	<0.00268	NA	<0.00268	<0.02354	0 / 38	0.0021-0.024	ND	ND	1.4E-03	2.1E-03	ND
gamma-BHC (Lindane)	mg/kg	<0.0016	<0.0016	<0.001605	NA	<0.00201	NA	<0.00201	<0.006099	0 / 38	0.0016-0.0061	ND	ND	8.7E-04	1.6E-03	ND
Heptachlor	mg/kg	<0.0021	<0.0021	<0.00214	NA	<0.00268	NA	<0.00268	<0.006099	0 / 38	0.0021-0.0061	ND	ND	1.1E-03	2.1E-03	ND
Heptachlor epoxide	mg/kg	<0.0021	<0.0021	<0.00214	NA	<0.00268	NA	<0.00268	<0.006099	0 / 38	0.0021-0.0061	ND	ND	1.1E-03	2.1E-03	ND
Methoxychlor	mg/kg	<0.0016	<0.0016	<0.00321	NA	<0.00402	NA	<0.00402	<0.06099	0 / 38	0.0016-0.061	ND	ND	1.7E-03	1.6E-03	ND
Toxaphene	mg/kg	<0.054	<0.054	<0.08025	NA	<0.1005	NA	<0.1005	<0.6099	0 / 38	0.054-0.61	ND	ND	3.6E-02	5.4E-02	ND
SEMIVOLATILE ORGANIC COMPOUNDS																
1,2,4,5-Tetrachlorobenzene	mg/kg	NA	NA	<0.05885	NA	<0.0737J	NA	<0.0737	NA	0 / 3	0.059-0.074	ND	ND	3.4E-02	7.4E-02	ND
1,2,4-Trichlorobenzene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 5	0.054-0.067	ND	ND	7.6E-04	1.5E-03	ND
1,2-Dichlorobenzene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 5	0.064-0.08	ND	ND	7.1E-04	1.4E-03	ND
1,2-Diphenylhydrazine/Azobenzene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
1,3-Dichlorobenzene	mg/kg	NA	NA	<0.0963	NA	<0.1206J	NA	<0.1206	NA	0 / 5	0.096-0.12	ND	ND	6.4E-04	1.2E-03	ND
1,4-Dichlorobenzene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 5	0.054-0.067	ND	ND	7.0E-04	1.3E-03	ND
1,4-Dioxane	mg/kg	NA	NA	<0.00642J	NA	<0.00804J	NA	<0.00804J	NA	0 / 3	0.0064-0.008	ND	ND	3.8E-03	8.0E-03	ND
2,2'-/4,4'-Dichlorobenzil	mg/kg	<0.11	<0.11	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 37	0.075-0.11	ND	ND	5.3E-02	1.1E-01	ND
2,4,5-Trichlorophenol	mg/kg	NA	NA	<0.1391	NA	<0.1742J	NA	<0.1742	NA	0 / 3	0.14-0.17	ND	ND	8.1E-02	1.7E-01	ND
2,4,6-Trichlorophenol	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
2,4-Dichlorophenol	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
2,4-Dimethylphenol	mg/kg	NA	NA	<0.107	NA	<0.134J	NA	<0.134	NA	0 / 3	0.11-0.13	ND	ND	6.3E-02	1.3E-01	ND
2,4-Dinitrophenol	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
2,4-Dinitrotoluene	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
2,6-Dinitrotoluene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
2-Chloronaphthalene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
2-Chlorophenol	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
2-Methylnaphthalene	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
2-Methylphenol	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
2-Nitroaniline	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
2-Nitrophenol	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
3,3-Dichlorobenzidine	mg/kg	NA	NA	<0.1605	NA	<0.201J	NA	<0.201	NA	0 / 3	0.16-0.2	ND	ND	9.4E-02	2.0E-01	ND
3-Hexene-2,5-dione	mg/kg	NA	NA	**3.638**	NA	**4.958**	NA	**4.02**	NA	3 / 3	1.8-2.3	3.6E+00	4.2E+00	4.2E+00	4.0E+00	5.0E+00
3-Nitroaniline	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
4,4'-Dichlorobenzophenone	mg/kg	NA	NA	<0.08774	NA	<0.10988J	NA	<0.10988	NA	0 / 3	0.088-0.11	ND	ND	5.1E-02	1.1E-01	ND
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	<0.1177	NA	<0.1474J	NA	<0.1474	NA	0 / 3	0.12-0.15	ND	ND	6.9E-02	1.5E-01	ND
4-Bromophenyl phenyl ether	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
4-Chloro-3-methylphenol	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND

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Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-17		FTF-21D					SS-EC-024	Summary Statistics*						
	Sample Depth (ft bgs)	0.5	3	10	20	30	40	50	0-0.25	Frequency of Detection	Range of Detection Limits	Minimum Detection	Mean Detection	Mean (1/2 Detection Limit)	Median	Maximum Detection
	Date / Units	2/25/2010	2/25/2010	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007							
4-Chloroaniline	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
4-Chlorobenzenethiol	mg/kg	NA	NA	<2.14	NA	<2.68J	NA	<2.68	NA	0 / 3	2.1-2.7	ND	ND	1.3E+00	2.7E+00	ND
4-Chlorophenyl methyl sulfide	mg/kg	NA	NA	<0.06955	NA	<0.0871J	NA	<0.0871	NA	0 / 3	0.07-0.087	ND	ND	4.1E-02	8.7E-02	ND
4-Chlorophenyl methyl sulfone	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
4-Chlorophenyl phenyl ether	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
4-Chlorophenyl sulfone	mg/kg	NA	NA	<0.09095	NA	<0.1139J	NA	<0.1139	NA	0 / 3	0.091-0.11	ND	ND	5.3E-02	1.1E-01	ND
4-Methylphenol	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
4-Nitroaniline	mg/kg	NA	NA	<0.0963	NA	<0.1206J	NA	<0.1206	NA	0 / 3	0.096-0.12	ND	ND	5.6E-02	1.2E-01	ND
4-Nitrophenol	mg/kg	NA	NA	<0.1498	NA	<0.1876J	NA	<0.1876	NA	0 / 3	0.15-0.19	ND	ND	8.8E-02	1.9E-01	ND
Acenaphthene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
Acenaphthylene	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Aniline	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Anthracene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
Benzo(a)anthracene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
Benzo(a)pyrene	mg/kg	NA	NA	<0.0428	NA	<0.0536J	NA	<0.0536	NA	0 / 3	0.043-0.054	ND	ND	2.5E-02	5.4E-02	ND
Benzo(b)fluoranthene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
Benzo(g,h,i)perylene	mg/kg	NA	NA	<0.1177	NA	<0.1474J	NA	<0.1474	NA	0 / 3	0.12-0.15	ND	ND	6.9E-02	1.5E-01	ND
Benzo(k)fluoranthene	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
Benzoic acid	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Benzophenone	mg/kg	NA	NA	<0.07918	NA	<0.09916J	NA	<0.09916	NA	0 / 3	0.079-0.099	ND	ND	4.6E-02	9.9E-02	ND
Benzyl alcohol	mg/kg	NA	NA	<0.107	NA	<0.134J	NA	<0.134	NA	0 / 3	0.11-0.13	ND	ND	6.3E-02	1.3E-01	ND
Bis(2-chloroethoxy)methane	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Bis(2-chloroethyl)ether	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
Bis(2-ethylhexyl)phthalate	mg/kg	NA	NA	<0.0963	NA	<0.1206J	NA	<0.1206	NA	0 / 3	0.096-0.12	ND	ND	5.6E-02	1.2E-01	ND
bis(4-chlorophenyl)disulfide	mg/kg	NA	NA	<0.10379	NA	<0.12998J	NA	<0.12998	NA	0 / 3	0.1-0.13	ND	ND	6.1E-02	1.3E-01	ND
Butyl benzyl phthalate	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
Chrysene	mg/kg	NA	NA	<0.0428	NA	<0.0536J	NA	<0.0536	NA	0 / 3	0.043-0.054	ND	ND	2.5E-02	5.4E-02	ND
Dibenz(a,h)anthracene	mg/kg	NA	NA	<0.107	NA	<0.134J	NA	<0.134	NA	0 / 3	0.11-0.13	ND	ND	6.3E-02	1.3E-01	ND
Dibenzofuran	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
Dichloroacetaldehyde	mg/kg	NA	NA	<0.01926J	NA	<0.02412J	NA	<0.02412J	NA	0 / 3	0.019-0.024	ND	ND	1.1E-02	2.4E-02	ND
Diethyl phthalate	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Dimethyl phthalate	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
Di-n-butyl phthalate	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	**0.1139**	NA	1 / 3	0.064-0.08	1.1E-01	1.1E-01	6.2E-02	8.0E-02	1.1E-01
Di-n-octyl phthalate	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
Diphenyl sulfone	mg/kg	NA	NA	<1.605	NA	<2.01J	NA	<2.01	NA	0 / 3	1.6-2	ND	ND	9.4E-01	2.0E+00	ND
Fluoranthene	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Fluorene	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Hexachlorobenzene	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Hexachlorobutadiene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 5	0.064-0.08	ND	ND	5.5E-04	1.1E-03	ND
Hexachlorocyclopentadiene	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
Hexachloroethane	mg/kg	NA	NA	<0.0428	NA	<0.0536J	NA	<0.0536	NA	0 / 3	0.043-0.054	ND	ND	2.5E-02	5.4E-02	ND
Indeno(1,2,3-cd)pyrene	mg/kg	NA	NA	<0.1391	NA	<0.1742J	NA	<0.1742	NA	0 / 3	0.14-0.17	ND	ND	8.1E-02	1.7E-01	ND
Isophorone	mg/kg	NA	NA	<0.0535	NA	<0.067J	NA	<0.067	NA	0 / 3	0.054-0.067	ND	ND	3.1E-02	6.7E-02	ND
Naphthalene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 5	0.064-0.08	ND	ND	8.3E-04	1.6E-03	ND
n-Hydroxymethylphthalimide	mg/kg	NA	NA	<2.461J	NA	<3.082J	NA	<3.082J	NA	0 / 3	2.5-3.1	ND	ND	1.4E+00	3.1E+00	ND
Nitrobenzene	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
N-Nitrosodimethylamine	mg/kg	NA	NA	<0.0428	NA	<0.0536J	NA	<0.0536	NA	0 / 3	0.043-0.054	ND	ND	2.5E-02	5.4E-02	ND
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
N-Nitrosodiphenylamine	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
Octachlorostyrene	mg/kg	NA	NA	<2.461	NA	<3.082J	NA	<3.082	NA	0 / 3	2.5-3.1	ND	ND	1.4E+00	3.1E+00	ND
Pentachlorobenzene	mg/kg	NA	NA	<0.08025	NA	<0.1005J	NA	<0.1005	NA	0 / 3	0.08-0.1	ND	ND	4.7E-02	1.0E-01	ND
Pentachlorophenol	mg/kg	NA	NA	<0.1605	NA	<0.201J	NA	<0.201	NA	0 / 3	0.16-0.2	ND	ND	9.4E-02	2.0E-01	ND
Phenanthrene	mg/kg	NA	NA	<0.0642	NA	<0.0804J	NA	<0.0804	NA	0 / 3	0.064-0.08	ND	ND	3.8E-02	8.0E-02	ND
Phenol	mg/kg	NA	NA	<0.0428	NA	<0.0536J	NA	<0.0536	NA	0 / 3	0.043-0.054	ND	ND	2.5E-02	5.4E-02	ND
Phenyl disulfide	mg/kg	NA	NA	<0.1177	NA	<0.1474J	NA	<0.1474	NA	0 / 3	0.12-0.15	ND	ND	6.9E-02	1.5E-01	ND
Phenyl sulfide	mg/kg	NA	NA	<0.08025	NA	<0.1005J	NA	<0.1005	NA	0 / 3	0.08-0.1	ND	ND	4.7E-02	1.0E-01	ND
Pyrene	mg/kg	NA	NA	<0.0856	NA	<0.1072J	NA	<0.1072	NA	0 / 3	0.086-0.11	ND	ND	5.0E-02	1.1E-01	ND
Pyridine	mg/kg	NA	NA	<0.0749	NA	<0.0938J	NA	<0.0938	NA	0 / 3	0.075-0.094	ND	ND	4.4E-02	9.4E-02	ND
Thiophenol	mg/kg	NA	NA	<2.782	NA	<3.484J	NA	<3.484	NA	0 / 3	2.8-3.5	ND	ND	1.6E+00	3.5E+00	ND
Trichloroacetaldehyde	mg/kg	NA	NA	<0.00428	NA	<0.00536J	NA	<0.00536	NA	0 / 3	0.0043-0.0054	ND	ND	2.5E-03	5.4E-03	ND
VOLATILE ORGANIC COMPOUNDS																
1,1,1,2-Tetrachloroethane	mg/kg	NA	NA	<0.0008453	<0.0008132	<0.0008442	<0.0009782	<0.0008308	NA	0 / 5	0.00081-0.00098	ND	ND	4.3E-04	8.4E-04	ND
1,1,1-Trichloroethane	mg/kg	NA	NA	<0.0010272	<0.0009951	<0.0010318	<0.001206	<0.0010318	NA	0 / 5	0.001-0.0012	ND	ND	5.3E-04	1.0E-03	ND
1,1,2,2-Tetrachloroethane	mg/kg	NA	NA	<0.001284	<0.001177	<0.001273	<0.001474	<0.0012596	NA	0 / 5	0.0012-0.0015	ND	ND	6.5E-04	1.3E-03	ND
1,1,2-Trichloroethane	mg/kg	NA	NA	<0.001284	<0.001284	<0.0012864	<0.001474	<0.001273	NA	0 / 5	0.0013-0.0015	ND	ND	6.6E-04	1.3E-03	ND
1,1-Dichloroethane	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
1,1-Dichloroethene	mg/kg	NA	NA	<0.0008881	<0.000856	<0.0008844	<0.0010318	<0.0008844	NA	0 / 5	0.00086-0.001	ND	ND	4.5E-04	8.8E-04	ND
1,1-Dichloropropene	mg/kg	NA	NA	<0.0005885	<0.0005671	<0.0005896	<0.0006834	<0.0005896	NA	0 / 5	0.00057-0.00068	ND	ND	3.0E-04	5.9E-04	ND
1,2,3-Trichlorobenzene	mg/kg	NA	NA	<0.001498	<0.001391	<0.001474	<0.001742	<0.001474	NA	0 / 5	0.0014-0.0017	ND	ND	7.6E-04	1.5E-03	ND

Table B-2a
Summary of Soil Data – Dry Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

Analyte	Location	SB-17		FTF-21D					SS-EC-024	Summary Statistics*						
	Sample Depth (ft bgs)	0.5	3	10	20	30	40	50	0-0.25	Frequency of Detection	Range of Detection Limits	Minimum Detection	Mean Detection	Mean (1/2 Detection Limit)	Median	Maximum Detection
	Date / Units	2/25/2010	2/25/2010	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007							
1,2,3-Trichloropropane	mg/kg	NA	NA	<0.001498	<0.001391	<0.001474	<0.001742	<0.001474	NA	0 / 5	0.0014-0.0017	ND	ND	7.6E-04	1.5E-03	ND
1,2,4-Trichlorobenzene	mg/kg	NA	NA	<0.001498	<0.001391	<0.001474	<0.001742	<0.001474	NA	0 / 5	0.0014-0.0017	ND	ND	7.6E-04	1.5E-03	ND
1,2,4-Trimethylbenzene	mg/kg	NA	NA	<0.001177	<0.00107	<0.0011524	<0.00134	<0.001139	NA	0 / 5	0.0011-0.0013	ND	ND	5.9E-04	1.2E-03	ND
1,2-Dibromo-3-chloropropane	mg/kg	NA	NA	<0.002247	<0.00214	<0.002278	<0.002546	<0.002144	NA	0 / 5	0.0021-0.0025	ND	ND	1.1E-03	2.2E-03	ND
1,2-Dibromoethane (EDB)	mg/kg	NA	NA	<0.001177	<0.001177	<0.0011792	<0.00134	<0.0011792	NA	0 / 5	0.0012-0.0013	ND	ND	6.1E-04	1.2E-03	ND
1,2-Dichlorobenzene	mg/kg	NA	NA	<0.001391	<0.001391	<0.00134	<0.001608	<0.00134	NA	0 / 5	0.0013-0.0016	ND	ND	7.1E-04	1.4E-03	ND
1,2-Dichloroethane	mg/kg	NA	NA	<0.001177	<0.001177	<0.0011792	<0.00134	<0.0011792	NA	0 / 5	0.0012-0.0013	ND	ND	6.1E-04	1.2E-03	ND
1,2-Dichloropropane	mg/kg	NA	NA	<0.0005136	<0.0004922	<0.0005226	<0.000603	<0.0005092	NA	0 / 5	0.00049-0.0006	ND	ND	2.6E-04	5.1E-04	ND
1,3,5-Trimethylbenzene	mg/kg	NA	NA	<0.0009309	<0.0008988	<0.0009246	<0.0010854	<0.0009246	NA	0 / 5	0.0009-0.0011	ND	ND	4.8E-04	9.2E-04	ND
1,3-Dichlorobenzene	mg/kg	NA	NA	<0.001284	<0.001177	<0.0012462	<0.001474	<0.0012328	NA	0 / 5	0.0012-0.0015	ND	ND	6.4E-04	1.2E-03	ND
1,3-Dichloropropane	mg/kg	NA	NA	<0.0009309	<0.0008988	<0.0009246	<0.0010854	<0.0009246	NA	0 / 5	0.0009-0.0011	ND	ND	4.8E-04	9.2E-04	ND
1,4-Dichlorobenzene	mg/kg	NA	NA	<0.001391	<0.001284	<0.00134	<0.001608	<0.00134	NA	0 / 5	0.0013-0.0016	ND	ND	7.0E-04	1.3E-03	ND
2,2-Dichloropropane	mg/kg	NA	NA	<0.0006634	<0.000642	<0.00067	<0.0007772	<0.0006566	NA	0 / 5	0.00064-0.00078	ND	ND	3.4E-04	6.6E-04	ND
2-Butanone (MEK)	mg/kg	NA	NA	<0.008881J	<0.00856J	<0.008844J	<0.010318J	<0.008844J	NA	0 / 5	0.0086-0.01	ND	ND	4.5E-03	8.8E-03	ND
2-Chlorotoluene	mg/kg	NA	NA	<0.001284	<0.001284	<0.0012864	<0.001474	<0.001273	NA	0 / 5	0.0013-0.0015	ND	ND	6.6E-04	1.3E-03	ND
2-Hexanone	mg/kg	NA	NA	<0.01391	<0.01284	<0.0134	<0.01608	<0.0134	NA	0 / 5	0.013-0.016	ND	ND	7.0E-03	1.3E-02	ND
4-Chlorotoluene	mg/kg	NA	NA	<0.00107	<0.0010486	<0.0010854	<0.001273	<0.0010854	NA	0 / 5	0.001-0.0013	ND	ND	5.6E-04	1.1E-03	ND
4-Methyl-2-pentanone (MIBK)	mg/kg	NA	NA	<0.004708	<0.004494	<0.00469	<0.005494	<0.00469	NA	0 / 5	0.0045-0.0055	ND	ND	2.4E-03	4.7E-03	ND
Acetone	mg/kg	NA	NA	**0.03317**	**0.02247**	<0.011792	<0.0134	**0.012864**	NA	3 / 5	0.012-0.013	1.2E-02	2.3E-02	1.6E-02	1.3E-02	3.3E-02
Benzene	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
Bromobenzene	mg/kg	NA	NA	<0.001284	<0.001177	<0.0012462	<0.001474	<0.0012328	NA	0 / 5	0.0012-0.0015	ND	ND	6.4E-04	1.2E-03	ND
Bromochloromethane	mg/kg	NA	NA	<0.001284	<0.001284	<0.0013266	<0.001608	<0.0013132	NA	0 / 5	0.0013-0.0016	ND	ND	6.8E-04	1.3E-03	ND
Bromodichloromethane	mg/kg	NA	NA	<0.0006206	<0.0005992	<0.0006164	<0.0007236	<0.0006164	NA	0 / 5	0.0006-0.00072	ND	ND	3.2E-04	6.2E-04	ND
Bromoform	mg/kg	NA	NA	<0.001177	<0.001177	<0.0011792	**0.003886**	<0.0011792	NA	1 / 5	0.0012-0.0013	3.9E-03	3.9E-03	1.2E-03	1.2E-03	3.9E-03
Bromomethane	mg/kg	NA	NA	<0.001391	<0.001284	<0.00134	<0.001608	<0.00134	NA	0 / 5	0.0013-0.0016	ND	ND	7.0E-04	1.3E-03	ND
Carbon tetrachloride	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
Chlorobenzene	mg/kg	NA	NA	<0.0007704	<0.0007383	<0.0007638	<0.0008978	<0.0007638	NA	0 / 5	0.00074-0.0009	ND	ND	3.9E-04	7.6E-04	ND
Chloroethane	mg/kg	NA	NA	<0.002247	<0.00214	<0.002278	<0.002546	<0.002144	NA	0 / 5	0.0021-0.0025	ND	ND	1.1E-03	2.2E-03	ND
Chloroform	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
Chloromethane	mg/kg	NA	NA	<0.001498	<0.001391	<0.001474	<0.001742	<0.001474	NA	0 / 5	0.0014-0.0017	ND	ND	7.6E-04	1.5E-03	ND
cis-1,2-Dichloroethene	mg/kg	NA	NA	<0.001177	<0.001177	<0.0012194	<0.001474	<0.0012194	NA	0 / 5	0.0012-0.0015	ND	ND	6.3E-04	1.2E-03	ND
cis-1,3-Dichloropropene	mg/kg	NA	NA	<0.0006527	<0.0006206	<0.0006432	<0.0007638	<0.0006432	NA	0 / 5	0.00062-0.00076	ND	ND	3.3E-04	6.4E-04	ND
Dibromochloromethane	mg/kg	NA	NA	<0.0008239	<0.0007918	<0.0008308	<0.0009648	<0.0008174	NA	0 / 5	0.00079-0.00096	ND	ND	4.2E-04	8.2E-04	ND
Dibromomethane	mg/kg	NA	NA	<0.001284	<0.001284	<0.0013266	<0.001608	<0.0013132	NA	0 / 5	0.0013-0.0016	ND	ND	6.8E-04	1.3E-03	ND
Dichlorodifluoromethane	mg/kg	NA	NA	<0.002247	<0.00214	<0.002278	<0.002546	<0.002144	NA	0 / 5	0.0021-0.0025	ND	ND	1.1E-03	2.2E-03	ND
Ethanol	mg/kg	NA	NA	<0.3424	NA	<0.4288	NA	<0.4288	NA	0 / 3	0.34-0.43	ND	ND	2.0E-01	4.3E-01	ND
Ethylbenzene	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
Hexachlorobutadiene	mg/kg	NA	NA	<0.00107	<0.0010379	<0.001072	<0.0012596	<0.001072	NA	0 / 5	0.001-0.0013	ND	ND	5.5E-04	1.1E-03	ND
Isopropylbenzene	mg/kg	NA	NA	<0.0007918	<0.0007704	<0.0007906	<0.0009246	<0.0007906	NA	0 / 5	0.00077-0.00092	ND	ND	4.1E-04	7.9E-04	ND
m,p-Xylenes	mg/kg	NA	NA	<0.001177	<0.001177	<0.0011792	<0.00134	<0.0011792	NA	0 / 5	0.0012-0.0013	ND	ND	6.1E-04	1.2E-03	ND
Methylene chloride	mg/kg	NA	NA	<0.00963	<0.009202	<0.009648	<0.011256	<0.009514	NA	0 / 5	0.0092-0.011	ND	ND	4.9E-03	9.6E-03	ND
Methyl-tert-butyl Ether (MTBE)	mg/kg	NA	NA	<0.001498	<0.001391	<0.001474	<0.001742	<0.001474	NA	0 / 5	0.0014-0.0017	ND	ND	7.6E-04	1.5E-03	ND
Naphthalene	mg/kg	NA	NA	<0.001605	<0.001605	<0.001608	<0.001876	<0.001608	NA	0 / 5	0.0016-0.0019	ND	ND	8.3E-04	1.6E-03	ND
n-Butylbenzene	mg/kg	NA	NA	<0.0010593	<0.0010165	<0.0010586	<0.0012462	<0.0010586	NA	0 / 5	0.001-0.0012	ND	ND	5.4E-04	1.1E-03	ND
n-Propylbenzene	mg/kg	NA	NA	<0.0008988	<0.0008667	<0.0008978	<0.0010452	<0.0008978	NA	0 / 5	0.00087-0.001	ND	ND	4.6E-04	9.0E-04	ND
o-Xylene	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
p-Isopropyltoluene	mg/kg	NA	NA	<0.0010593	<0.0010165	<0.0010586	<0.0012462	<0.0010586	NA	0 / 5	0.001-0.0012	ND	ND	5.4E-04	1.1E-03	ND
sec-Butylbenzene	mg/kg	NA	NA	<0.0009844	<0.0009523	<0.0009916	<0.0011524	<0.0009782	NA	0 / 5	0.00095-0.0012	ND	ND	5.1E-04	9.8E-04	ND
Styrene	mg/kg	NA	NA	<0.000856	<0.0008239	<0.0008576	<0.001005	<0.0008442	NA	0 / 5	0.00082-0.001	ND	ND	4.4E-04	8.6E-04	ND
Tentatively Identified Compounds	mg/kg	NA	NA	<0.2996	<0.2889	<0.2948	<0.3484	<0.2948	NA	0 / 5	0.29-0.35	ND	ND	1.5E-01	2.9E-01	ND
tert-Butylbenzene	mg/kg	NA	NA	<0.0009095	<0.0008774	<0.0009112	<0.001072	<0.0009112	NA	0 / 5	0.00088-0.0011	ND	ND	4.7E-04	9.1E-04	ND
Tetrachloroethene	mg/kg	NA	NA	<0.0007169	<0.0006955	<0.0007236	<0.0008442	<0.0007236	NA	0 / 5	0.0007-0.00084	ND	ND	3.7E-04	7.2E-04	ND
Toluene	mg/kg	NA	NA	**0.0010058**	**0.0008239**	<0.000737	<0.0008576	<0.000737	NA	2 / 5	0.00071-0.00086	7.4E-04	9.1E-04	6.0E-04	8.2E-04	1.0E-03
trans-1,2-Dichloroethene	mg/kg	NA	NA	<0.0010272	<0.0009951	<0.0010318	<0.001206	<0.0010318	NA	0 / 5	0.001-0.0012	ND	ND	5.3E-04	1.0E-03	ND
trans-1,3-Dichloropropene	mg/kg	NA	NA	<0.0008988	<0.0008667	<0.0008978	<0.0010452	<0.0008978	NA	0 / 5	0.00087-0.001	ND	ND	4.6E-04	9.0E-04	ND
Trichloroethene	mg/kg	NA	NA	<0.0007383	<0.0007062	<0.000737	<0.0008576	<0.000737	NA	0 / 5	0.00071-0.00086	ND	ND	3.8E-04	7.4E-04	ND
Trichlorofluoromethane	mg/kg	NA	NA	<0.0007918	<0.0007704	<0.0007906	<0.0009246	<0.0007906	NA	0 / 5	0.00077-0.00092	ND	ND	4.1E-04	7.9E-04	ND
Vinyl chloride	mg/kg	NA	NA	<0.001391	<0.001284	<0.00134	<0.001608	<0.00134	NA	0 / 5	0.0013-0.0016	ND	ND	7.0E-04	1.3E-03	ND

Notes:
ft bgs = feet below ground surface
J = estimated value
J- = estimated value with a negative bias
J+ = estimated value with a positive bias
< = not detected above Sample Quantitation Limit
NA = not analyzed
ND = not detected
* = duplicates were treated prior to calculation of summary statistics

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
ALDEHYDES																									
Acetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASBESTOS																									
Amphibole Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
Chrysotile Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
Long Amphibole Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
Long Chrysotile Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
Total Amphibole Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
Total Chrysotile Protocol Structure	s/gPM10	<8930000	NA	NA	<8940000	NA	<8910000	NA	NA	<8850000	NA	NA	NA	<8850000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA
INORGANIC COMPOUNDS																									
Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	mg/kg	**9100**	**8300**	**11000**	**9900**	**9600**	NA	**7700**	**9500**	NA	**11000**	**9200**	**9700**	NA	**10000**	**9100**	NA	**8800**	**9300**	NA	**9300**	**8900**	NA	**9700**	**9700**
Antimony	mg/kg	<0.012J	<0.014J	<0.013J	<0.013J	<0.013J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J
Arsenic	mg/kg	**2.9**	**3.3**	**3.2**	**2.6**	**3.6**	NA	**4.3**	**2.6**	NA	**2.4**	**3.7**	**3.2**	NA	**3.1**	**3**	NA	**3**	**3.5**	NA	**3**	**3.4**	NA	**3.4**	**3.3**
Barium	mg/kg	**120**	**160**	**180**	**140**	**180**	NA	**230**	**170**	NA	**190**	**150**	**150**	NA	**170**	**140**	NA	**170**	**180**	NA	**220**	**150**	NA	**240**	**160**
Beryllium	mg/kg	**0.51**	**0.55**	**0.47**	**0.54**	**0.56**	NA	**0.34**	**0.49**	NA	**0.47**	**0.58**	**0.46**	NA	**0.56**	**0.51**	NA	**0.62**	**0.58**	NA	**0.59**	**0.6**	NA	**0.6**	**0.55**
Bicarbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	**0.48**	**0.52**	**0.53**	**0.46**	**0.53**	NA	**0.3**	**0.64**	NA	**0.63**	**0.57**	**0.47**	NA	**0.61**	**0.49**	NA	**0.64**	**0.69**	NA	**0.64**	**0.7**	NA	**0.59**	**0.54**
Calcium	mg/kg	**25000J**	**19000J**	**19000J**	**17000J**	**32000J**	NA	**32000J**	**19000J**	NA	**27000J**	**31000J**	**28000J**	NA	**30000J**	**29000J**	NA	**40000**	**34000**	NA	**29000J**	**30000**	NA	**26000**	**25000**
Carbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	**7.3**	**8.2**	**9**	**8.5**	**11**	NA	**5.2**	**9.8**	NA	**9.5**	**10**	**8.3**	NA	**10**	**9.6**	NA	**12**	**10**	NA	**11**	**9.1**	NA	**11**	**10**
Chromium [VI]	mg/kg	<0.12	<0.12	<0.12	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12
Cobalt	mg/kg	**5.4**	**6.1**	**5.8**	**6.4**	**6.4**	NA	**3.4**	**6.7**	NA	**6**	**6.8**	**5.6**	NA	**6.5**	**7.1**	NA	**6.7**	**6.1**	NA	**12J-**	**6.3**	NA	**7**	**5.9**
Copper	mg/kg	**13J**	**13J**	**12J**	**14J**	**14J**	NA	**7.3**	**13**	NA	**13**	**13**	**9.8**	NA	**13**	**13**	NA	**15**	**12**	NA	**16J-**	**14**	NA	**13**	**13**
Hydroxide Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	**16000**	**17000**	**19000**	**18000**	**20000**	NA	**13000**	**21000**	NA	**26000**	**19000**	**22000**	NA	**23000**	**21000**	NA	**12000**	**13000**	NA	**12000**	**11000**	NA	**13000**	**11000**
Lead	mg/kg	**7.1**	**8**	**8.1**	**12**	**9.1**	NA	**8.9**	**8.1**	NA	**9.4**	**7.6**	**6.9**	NA	**9.4**	**7.7**	NA	**12**	**8.9**	NA	**7.3**	**6.2**	NA	**8.5**	**6.8**
Lithium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	**8700**	**7700**	**8800**	**9900**	**9000**	NA	**6000**	**8200**	NA	**9800**	**8300**	**9800**	NA	**11000**	**9300**	NA	**7800**	**8200**	NA	**7700**	**9800**	NA	**8400**	**11000**
Manganese	mg/kg	**310**	**340**	**340**	**300**	**310**	NA	**310**	**320J**	NA	**350**	**320**	**300**	NA	**340**	**330**	NA	**350**	**270**	NA	**470**	**270**	NA	**350**	**280**
Mercury	mg/kg	**0.018**	<0.012	<0.012	**0.018**	**0.017**	NA	**0.012**	<0.012	NA	**0.022**	**0.017**	**0.018**	NA	**0.018**	**0.023**	NA	<0.012	**0.012**	NA	**0.041**	<0.012	NA	**0.015**	**0.019**
Molybdenum	mg/kg	**0.31**	**0.4**	**0.46**	**0.2**	**0.22**	NA	**0.2**	**0.22**	NA	**0.27**	**0.18**	**0.16**	NA	**0.25**	**0.2**	NA	**0.26**	**0.24**	NA	**0.19**	**0.25**	NA	**0.19**	**0.26**
Nickel	mg/kg	**13**	**13**	**14**	**14**	**14**	NA	**7.9**	**14**	NA	**13**	**13**	**11**	NA	**14**	**15**	NA	**15**	**13**	NA	**16**	**14**	NA	**14**	**14**
pH	mg/kg	**7.85**	**7.93**	**7.97**	**8.15**	**7.94**	NA	**9.02**	**8.92**	NA	**7.92**	**8.18**	**8.09**	NA	**7.75**	**8.27**	NA	**8.05**	**8.09**	NA	**8.25**	**8.48**	NA	**8.56**	**8.62**
Phosphorus	mg/kg	**1000**	**960**	**990**	**970**	**930**	NA	**710**	**920**	NA	**930**	**800**	**940**	NA	**990**	**840**	NA	**1200**	**760**	NA	**680**	**800**	NA	**780**	**810**
Potassium	mg/kg	**4800**	**4000**	**4600**	**2900**	**3000**	NA	**2700**	**2500**	NA	**3400**	**2600**	**2900**	NA	**3300**	**3400**	NA	**2300**	**2100**	NA	**1700J+**	**1900**	NA	**2700**	**2500**
Selenium	mg/kg	**1.2**	**1.4**	**1.3**	**0.76**	**0.94**	NA	**0.65**	**0.79**	NA	**0.54**	**0.37**	**0.8**	NA	**0.83**	**0.68**	NA	**0.67**	**0.77**	NA	**0.76**	**0.52**	NA	**0.73**	**0.82**
Silver	mg/kg	<0.017	<0.02	<0.019	<0.018	<0.019	NA	**0.04**	**0.11**	NA	**0.07**	**0.065**	**0.056**	NA	**0.071**	**0.059**	NA	**0.093**	**0.084**	NA	**0.066**	**0.077**	NA	**0.078**	**0.076**
Sodium	mg/kg	**1700J-**	**1600J-**	**1900J-**	**710J-**	**540J-**	NA	**530J+**	**500J+**	NA	**620J+**	**410J+**	**490J+**	NA	**590J+**	**450J+**	NA	**400**	**360**	NA	**450**	**740**	NA	**240**	**380**
Strontium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	mg/kg	**349**	**1410**	**2020**	**321**	**253**	NA	<21.7	<21.7	NA	<21.7	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7
Thallium	mg/kg	**0.11**	**0.12**	**0.11**	<0.0031	**0.1**	NA	**0.087**	**0.13**	NA	**0.11**	**0.11**	**0.1**	NA	**0.13**	**0.11**	NA	**0.13**	**0.12**	NA	**0.12**	**0.091**	NA	**0.12**	**0.1**
Tin	mg/kg	**4**	**4.5**	**4.9**	**4.5**	**4.6**	NA	<1.3	<1.3	NA	<1.3	<1.3	<1.3	NA	<1.3	<1.3	NA	**1.9**	**2.1**	NA	**2.2**	**2.1**	NA	**1.8**	**2**
Titanium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Uranium	mg/kg	**0.86**	**0.81**	**0.79**	**0.65**	**0.92**	NA	**0.68**	**0.73**	NA	**0.67**	**0.94**	**0.77**	NA	**0.87**	**1.1**	NA	**0.81**	**0.87**	NA	**0.95**	**0.89**	NA	**1.1**	**1.1**
Vanadium	mg/kg	**20**	**21**	**23**	**22**	**28**	NA	**16**	**26**	NA	**25**	**28**	**22**	NA	**26**	**25**	NA	**26**	**27**	NA	**28**	**30**	NA	**27**	**28**
Zinc	mg/kg	**29**	**31**	**30**	**29**	**29**	NA	**27**	**29**	NA	**31**	**29**	**24**	NA	**30**	**30**	NA	**37**	**29**	NA	**31**	**28**	NA	**30**	**29**
ORGANIC ACIDS																									
4-Chlorobenzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phthalic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB																									
2,3-DiCB-(5)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3'-DiCB-(6)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DiCB-(7)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4'-DiCB-(8)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,5-DiCB-(9)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DiCB-(10)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
22'-DiCB-(4)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'55'-HeptaCB-(189)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'-PentaCB-(105)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'55'-HexaCB-(167)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2344'5-PentaCB-(114)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'5-PentaCB-(118)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
23'44'5'-PentaCB-(123)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DiCB-(11)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,5-DiCB-(14)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'55'-HexaCB-(169)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'5-PentaCB-(126)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'-TetraCB-(77)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
344'5-TetraCB-(81)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DiCB-(15)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DiCB-(12)+(13)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HexaCB-(156)+(157)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES																									
2,4'-DDD	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0025**	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
2,4'-DDE	mg/kg	<0.0015	<0.0015	<0.0015	**0.0015J+**	**0.0039**	NA	**0.013J**	<0.0015	NA	**0.075**	<0.0015	<0.0015	NA	**0.014**	<0.0015	NA	**0.027**	**0.0025**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
2,4'-DDT	mg/kg	<0.0015	<0.0015	<0.0015	**0.0017J+**	**0.0027**	NA	**0.0021**	<0.0015	NA	**0.055**	<0.0015	<0.0015	NA	**0.008**	<0.0015	NA	**0.062**	**0.0037**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
4,4'-DDD	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0048**	<0.0015	<0.0015	NA	**0.0031**	<0.0015	NA	**0.0048**	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
4,4'-DDE	mg/kg	<0.0015	**0.0046**	**0.0025**	**0.012J+**	**0.032**	NA	**0.016**	<0.0015	NA	**0.48**	**0.0023J**	**0.0031**	NA	**0.072**	<0.0015	NA	**0.23**	**0.022**	NA	**0.003**	<0.0015	NA	<0.0015	<0.0015
4,4'-DDT	mg/kg	<0.0015	**0.0037**	**0.0024**	**0.0068J+**	**0.019**	NA	**0.012**	<0.0015	NA	**0.41**	<0.0015	<0.0015	NA	**0.061**	<0.0015	NA	**0.54**	**0.028**	NA	**0.0022**	<0.0015	NA	<0.0015	<0.0015
Aldrin	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
alpha-BHC	mg/kg	<0.0015	<0.0015	<0.0015	**0.0022J+**	<0.0015	NA	**0.0019**	<0.0015	NA	**0.0016**	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0017**	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
beta-BHC	mg/kg	**0.003**	**0.0084**	**0.0052**	**0.062J+**	**0.019**	NA	**0.078**	**0.012**	NA	**0.22**	**0.0023**	**0.0027**	NA	**0.35**	**0.002**	NA	**0.14**	**0.0086**	NA	**0.0075**	<0.0015	NA	**0.0089**	<0.0015
Chlordane	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01
delta-BHC	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Dieldrin	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Endosulfan I	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Endosulfan II	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Endosulfan sulfate	mg/kg	<0.002	<0.002	<0.002	**0.0021J+**	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002
Endrin	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Endrin aldehyde	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Endrin ketone	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002
gamma-BHC (Lindane)	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Heptachlor	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002
Heptachlor epoxide	mg/kg	<0.002	<0.002	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002
Methoxychlor	mg/kg	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015
Toxaphene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05
SEMIVOLATILE ORGANIC COMPOUNDS																									
1,2,4,5-Tetrachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine/Azobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-/4,4'-Dichlorobenzil	mg/kg	<0.1	<0.1	<0.1	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1
2,4,5-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Hexene-2,5-dione	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-Dichlorobenzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzenethiol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
4-Chlorophenyl methyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl methyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(4-chlorophenyl)disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diphenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hydroxymethylphthalimide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Octachlorostyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thiophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS																									
1,1,1,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-01			SB-02		SB-03			SB-04				SB-05			SB-06			SB-07			SB-08		
	Sample Depth (ft bgs)	0.5	3		0.5	3	0.5		3	0.5		3		0.5		3	0.5		3	0.5		3	0.5		3
	Date / Units	2/25/2010	2/25/2010	Duplicate	2/25/2010	2/25/2010	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	Duplicate	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/10/2009	12/10/2009
1,2-Dibromoethane (EDB)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylenes	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butyl Ether (MTBE)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tentatively Identified Compounds	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16			SB-17	
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5	3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
ALDEHYDES																												
Acetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Formaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
ASBESTOS																												
Amphibole Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
Chrysotile Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
Long Amphibole Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
Long Chrysotile Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
Total Amphibole Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
Total Chrysotile Protocol Structure	s/gPM10	<8920000	NA	NA	<8870000	NA	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8910000	NA	NA	<8930000	NA	NA	<8850000	NA	NA	<8960000	NA	NA	<8940000	NA
INORGANIC COMPOUNDS																												
Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	mg/kg	NA	**8800**	**8300**	NA	**10000**	**10000**	**9600**	NA	**10000**	**11000**	NA	**10000**	**8400**	NA	**8300**	**8400**	NA	**11000**	**10000**	NA	**11000**	**9900**	NA	**10000**	**11000**	**11000**	**11000**
Antimony	mg/kg	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014J	<0.014J	NA	<0.014	<0.014	NA	<0.014J	<0.014J	<0.013J	<0.013J
Arsenic	mg/kg	NA	**3.2**	**3.8**	NA	**2.5**	**2.7**	**3.5**	NA	**2.3**	**3.4**	NA	**5.2**	**3.9**	NA	**5.1**	**3.9**	NA	**2.7**	**3.1**	NA	**3.7**	**2.9**	NA	**4**	**3.5**	**2.9**	**3.2**
Barium	mg/kg	NA	**190**	**200**	NA	**190**	**200**	**130**	NA	**170**	**240**	NA	**440**	**170**	NA	**340**	**210**	NA	**180**	**170**	NA	**190**	**180**	NA	**170**	**150**	**210**	**200**
Beryllium	mg/kg	NA	**0.54**	**0.48**	NA	**0.6**	**0.6**	**0.44**	NA	**0.47**	**0.59**	NA	**0.44**	**0.42**	NA	**0.33**	**0.43**	NA	**0.52**	**0.47**	NA	**0.6**	**0.5**	NA	**0.51**	**0.56**	**0.57**	**0.68**
Bicarbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Boron	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	NA	**0.59**	**0.58**	NA	**0.59**	**0.68**	**0.53**	NA	**0.59**	**0.62**	NA	**0.34**	**0.53**	NA	**0.34**	**0.63**	NA	**0.54**	**0.56**	NA	**0.75**	**0.74**	NA	**0.73**	**0.57**	**0.52**	**0.53**
Calcium	mg/kg	NA	**23000**	**50000**	NA	**28000J**	**26000J**	**48000J**	NA	**25000J**	**31000J**	NA	**24000J**	**54000J**	NA	**28000J**	**33000J**	NA	**25000J**	**36000J**	NA	**31000**	**20000**	NA	**37000**	**33000**	**19000J**	**27000J**
Carbonate Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	NA	**9.5**	**8.8**	NA	**9.7**	**11**	**9.2**	NA	**8.1**	**10**	NA	**6.6**	**8.4**	NA	**6.9**	**8.5**	NA	**10**	**10**	NA	**12**	**8.9**	NA	**11**	**9.4**	**10**	**10**
Chromium [VI]	mg/kg	NA	<0.12	<0.12	NA	<0.12	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	NA	<0.12	<0.12	<0.12	<0.12
Cobalt	mg/kg	NA	**5.8**	**6.7**	NA	**6.8**	**7.1**	**6.2**	NA	**6.1**	**6.4**	NA	**3.6**	**5.4**	NA	**3.7**	**5.9**	NA	**6.8**	**5.6**	NA	**6.4**	**6.3**	NA	**6.7**	**5.6**	**6.7**	**7**
Copper	mg/kg	NA	**13**	**14**	NA	**15**	**20**	**12**	NA	**13**	**13**	NA	**7.5**	**10**	NA	**8**	**13**	NA	**14**	**13**	NA	**14**	**14**	NA	**20J-**	**13**	**16J**	**14J**
Hydroxide Alkalinity as CaCO3	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	mg/kg	NA	**9500**	**11000**	NA	**22000**	**21000**	**23000**	NA	**23000**	**23000**	NA	**16000**	**16000**	NA	**14000**	**19000**	NA	**23000**	**21000**	NA	**21000**	**22000**	NA	**20000**	**21000**	**21000**	**20000**
Lead	mg/kg	NA	**11**	**7.4**	NA	**9.2**	**12**	**6.2**	NA	**8.5**	**7.5**	NA	**9.6**	**5.6**	NA	**9.2**	**11**	NA	**8.7**	**11**	NA	**12**	**6.9**	NA	**19**	**7.5**	**8.3**	**8.8**
Lithium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	mg/kg	NA	**8400**	**10000**	NA	**11000**	**9400**	**12000**	NA	**9400**	**10000**	NA	**6600**	**11000**	NA	**7200**	**7700**	NA	**9500**	**12000**	NA	**12000J**	**9800J**	NA	**19000J**	**12000J**	**8900**	**9400**
Manganese	mg/kg	NA	**330**	**400**	NA	**390**	**360**	**230**	NA	**370**	**290**	NA	**260**	**220**	NA	**250**	**320**	NA	**370**	**370**	NA	**380**	**270**	NA	**470**	**250**	**390**	**410**
Mercury	mg/kg	NA	**0.031**	**0.031**	NA	**0.019**	**0.018**	**0.015**	NA	**0.021**	**0.018**	NA	<0.012	**0.019**	NA	<0.012	**0.02**	NA	**0.025**	**0.022**	NA	**0.027**	<0.012	NA	**0.021**	**0.024**	**0.018**	<0.012
Molybdenum	mg/kg	NA	**0.27**	**0.45**	NA	**0.38**	**0.45**	**0.15**	NA	**0.23**	**0.19**	NA	**0.2**	**0.22**	NA	**0.26**	**0.32**	NA	**0.39**	**0.36**	NA	**0.5**	**0.18**	NA	**0.78**	**0.56**	**0.22**	**0.23**
Nickel	mg/kg	NA	**13**	**14**	NA	**14**	**16**	**14**	NA	**14**	**13**	NA	**8.5**	**13**	NA	**9.7**	**13**	NA	**13**	**13**	NA	**14**	**17**	NA	**15**	**14**	**14**	**15**
pH	mg/kg	NA	**8.72**	**9.04**	NA	**8.65**	**8.56**	**8.63**	NA	**8.61**	**8.81**	NA	**9.01**	**9.15**	NA	**8.52**	**8.65**	NA	**8.77**	**8.34**	NA	**9**	**9.02**	NA	**9.07**	**8.24**	**7.87**	**7.65**
Phosphorus	mg/kg	NA	**900**	**800**	NA	**1200**	**1100**	**810**	NA	**1200**	**770**	NA	**640**	**850**	NA	**690**	**740**	NA	**690**	**700**	NA	**810**	**1300**	NA	**890**	**770**	**1100**	**950**
Potassium	mg/kg	NA	**2700**	**2400**	NA	**2900**	**2800**	**2400**	NA	**3100**	**3000**	NA	**3100**	**2300**	NA	**3000**	**2800**	NA	**3200**	**2700**	NA	**3000**	**2100**	NA	**3100**	**3000**	**3400**	**3800**
Selenium	mg/kg	NA	**0.71**	**0.84**	NA	**0.7**	**0.71**	**0.63**	NA	**0.61**	**0.79**	NA	**0.37**	**0.7**	NA	**0.4**	**0.88**	NA	**0.59**	**0.59**	NA	**0.62**	**0.45**	NA	**0.56**	**0.72**	**1**	**1.5**
Silver	mg/kg	NA	**0.079**	**0.073**	NA	**0.066**	**0.078**	**0.061**	NA	**0.07**	**0.08**	NA	**0.038**	**0.063**	NA	**0.052**	**0.065**	NA	**0.061**	**0.064**	NA	**0.079**	**0.085**	NA	**0.086J-**	**0.074**	<0.018	<0.018
Sodium	mg/kg	NA	**360**	**320**	NA	**550J+**	**470J+**	**460J+**	NA	**580J+**	**560J+**	NA	**1100J+**	**870J+**	NA	**590J+**	**490J+**	NA	**410J+**	**530J+**	NA	**680J+**	**750J+**	NA	**1700J+**	**1200J+**	**600J-**	**470J-**
Strontium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfur	mg/kg	NA	<21.7	<21.7	NA	<21.7	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7	NA	<21.7	<21.7	NA	**566**	**503**	**195**	**252**
Thallium	mg/kg	NA	**0.11**	**0.1**	NA	**0.12**	**0.14**	**0.083**	NA	**0.099**	**0.11**	NA	**0.1**	**0.1**	NA	**0.11**	**0.11**	NA	**0.12**	**0.14**	NA	**0.16**	**0.083**	NA	**0.24**	**0.096**	**0.1**	**0.2**
Tin	mg/kg	NA	**2.4**	**2.1**	NA	<1.3	<1.3	<1.3	NA	<1.3	<1.3	NA	<1.3	<1.3	NA	<1.3	<1.3	NA	<1.3	<1.3	NA	<1.3	<1.3	NA	**3.2**	**1.3**	**4.8**	**4.6**
Titanium	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Uranium	mg/kg	NA	**0.85**	**0.95**	NA	**0.72**	**0.77**	**0.8**	NA	**0.65**	**1.1**	NA	**0.9**	**1.1**	NA	**1**	**0.89**	NA	**0.77**	**1**	NA	**1**	**0.98**	NA	**0.97**	**1.1**	**0.64**	**0.7**
Vanadium	mg/kg	NA	**23**	**28**	NA	**23**	**25**	**26**	NA	**22**	**29**	NA	**18**	**24**	NA	**19**	**25**	NA	**24**	**25**	NA	**29**	**28**	NA	**27**	**25**	**26**	**25**
Zinc	mg/kg	NA	**45**	**28**	NA	**34**	**40**	**25**	NA	**31**	**30**	NA	**30**	**22**	NA	**29**	**30**	NA	**31**	**28**	NA	**87**	**29**	NA	**48J-**	**28**	**32**	**32**
ORGANIC ACIDS																												
4-Chlorobenzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzenesulfonic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phosphorodithioic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phthalic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB																												
2,3-DiCB-(5)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,3'-DiCB-(6)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-DiCB-(7)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4'-DiCB-(8)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,5-DiCB-(9)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-DiCB-(10)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
22'-DiCB-(4)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'55'-HeptaCB-(189)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
233'44'-PentaCB-(105)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'55'-HexaCB-(167)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2344'5-PentaCB-(114)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23'44'5-PentaCB-(118)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16			SB-17	
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5	3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
23'44'5'-PentaCB-(123)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-DiCB-(11)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,5-DiCB-(14)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'55'-HexaCB-(169)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'5-PentaCB-(126)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
33'44'-TetraCB-(77)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
344'5-TetraCB-(81)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DiCB-(15)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1016	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DiCB-(12)+(13)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HexaCB-(156)+(157)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PESTICIDES																												
2,4'-DDD	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	**0.003**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
2,4'-DDE	mg/kg	NA	<0.0015	<0.0015	NA	**0.17**	**0.2**	**0.0017**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0054**	**0.03**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
2,4'-DDT	mg/kg	NA	**0.0018**	<0.0015	NA	**0.0038**	**0.0037**	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0028**	**0.052**	NA	<0.0015	<0.0015	NA	**0.013**	<0.0015	NA	**0.0041**	<0.0015	<0.0015	<0.0015
4,4'-DDD	mg/kg	NA	**0.0016**	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0016**	**0.0066**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
4,4'-DDE	mg/kg	NA	**0.095**	**0.009**	NA	**1.9**	**2.1**	**0.014**	NA	**0.0066**	<0.0015	NA	<0.0015	<0.0015	NA	**0.016**	**0.24**	NA	**0.0044**	**0.0068**	NA	**0.14**	<0.0015	NA	**0.22**	<0.0015	**0.0029**	**0.0078**
4,4'-DDT	mg/kg	NA	<0.0015	<0.0015	NA	**0.066**	**0.085**	<0.0015	NA	**0.0017**	<0.0015	NA	<0.0015	<0.0015	NA	**0.026**	**0.42**	NA	**0.0045**	**0.0048**	NA	**0.21**	<0.0015	NA	**0.055J+**	<0.0015	**0.0016**	**0.0039**
Aldrin	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
alpha-BHC	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	**0.0016**	**0.0032**	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
beta-BHC	mg/kg	NA	**0.022**	**0.0088**	NA	**0.087**	**0.12**	<0.0015	NA	**0.031**	<0.0015	NA	**0.011**	<0.0015	NA	**0.16**	**0.2**	NA	**0.25**	**0.093**	NA	**0.23**	<0.0015	NA	**0.76**	**0.0057**	**0.029**	**0.03**
Chlordane	mg/kg	NA	<0.01	<0.01	NA	<0.01	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	NA	<0.01	<0.01	<0.01	<0.01
delta-BHC	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Dieldrin	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Endosulfan I	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Endosulfan II	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Endosulfan sulfate	mg/kg	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	<0.002
Endrin	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Endrin aldehyde	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Endrin ketone	mg/kg	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	<0.002
gamma-BHC (Lindane)	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Heptachlor	mg/kg	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	<0.002
Heptachlor epoxide	mg/kg	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	NA	<0.002	<0.002	<0.002	<0.002
Methoxychlor	mg/kg	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	NA	<0.0015	<0.0015	<0.0015	<0.0015
Toxaphene	mg/kg	NA	<0.05	<0.05	NA	<0.05	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	NA	<0.05	<0.05	<0.05	<0.05
SEMIVOLATILE ORGANIC COMPOUNDS																												
1,2,4,5-Tetrachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine/Azobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-/4,4'-Dichlorobenzil	mg/kg	NA	<0.1	<0.1	NA	<0.1	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	NA	<0.1	<0.1	<0.1	<0.1
2,4,5-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3-Dichlorobenzidine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Hexene-2,5-dione	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-Dichlorobenzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzenethiol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16			SB-17	
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5	3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
4-Chlorophenyl methyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl methyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl phenyl ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzophenone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethoxy)methane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroethyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-chloroisopropyl)ether	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(4-chlorophenyl)disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butyl benzyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diphenyl sulfone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Hydroxymethylphthalimide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Octachlorostyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl disulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenyl sulfide	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thiophenol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroacetaldehyde	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOLATILE ORGANIC COMPOUNDS																												
1,1,1,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	SB-09			SB-10				SB-11			SB-12			SB-13			SB-14			SB-15			SB-16			SB-17	
	Sample Depth (ft bgs)	0.5		3	0.5			3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5		3	0.5	3
	Date / Units	12/8/2009	12/10/2009	12/10/2009	12/8/2009	12/9/2009	Duplicate	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	12/8/2009	12/9/2009	12/9/2009	2/25/2010	2/25/2010
1,2-Dibromoethane (EDB)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethanol	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylenes	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butyl Ether (MTBE)	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tentatively Identified Compounds	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	FTF-21D					SS-EC-024
	Sample Depth (ft bgs)	10	20	30	40	50	0-0.25
	Date / Units	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007
ALDEHYDES							
Acetaldehyde	mg/kg	<0.072	NA	<0.072	NA	<0.072	NA
Chloroacetaldehyde	mg/kg	<0.12	NA	<0.12	NA	<0.12	NA
Formaldehyde	mg/kg	<0.52	NA	<0.52	NA	<0.52	NA
ASBESTOS							
Amphibole Protocol Structure	s/gPM10	NA	NA	NA	NA	NA	NA
Chrysotile Protocol Structure	s/gPM10	NA	NA	NA	NA	NA	NA
Long Amphibole Protocol Structure	s/gPM10	NA	NA	NA	NA	NA	NA
Long Chrysotile Protocol Structure	s/gPM10	NA	NA	NA	NA	NA	NA
Total Amphibole Protocol Structure	s/gPM10	NA	NA	NA	NA	NA	NA
Total Chrysotile Protocol Structure	s/gPM10	NA	NA	NA	NA	NA	NA
INORGANIC COMPOUNDS							
Alkalinity as CaCO3	mg/kg	**42000**	NA	**12000**	NA	**4000**	NA
Aluminum	mg/kg	**9000**	NA	**13000**	NA	**16000**	NA
Antimony	mg/kg	<0.15	NA	<0.15	NA	<0.15	NA
Arsenic	mg/kg	**1.4J**	NA	**13**	NA	**21**	NA
Barium	mg/kg	**140**	NA	**87**	NA	**75**	NA
Beryllium	mg/kg	**0.57**	NA	**0.7**	NA	**1.1**	NA
Bicarbonate Alkalinity as CaCO3	mg/kg	**41000**	NA	**11000**	NA	**3800**	NA
Boron	mg/kg	<1	NA	**30**	NA	**22**	NA
Cadmium	mg/kg	<0.12	NA	<0.12	NA	<0.12	NA
Calcium	mg/kg	**55000**	NA	**14000**	NA	**6300**	NA
Carbonate Alkalinity as CaCO3	mg/kg	**1200**	NA	**800**	NA	**200**	NA
Chloride	mg/kg	**8.4**	NA	**890**	NA	**70**	NA
Chromium	mg/kg	**6.9**	NA	**33**	NA	**15**	NA
Chromium [VI]	mg/kg	NA	NA	NA	NA	NA	NA
Cobalt	mg/kg	**6.6**	NA	**4.7**	NA	**7.2**	NA
Copper	mg/kg	**14**	NA	**11**	NA	**16**	NA
Hydroxide Alkalinity as CaCO3	mg/kg	<50	NA	<50	NA	<50	NA
Iron	mg/kg	**13000**	NA	**11000**	NA	**13000**	NA
Lead	mg/kg	**6.1**	NA	**5.9**	NA	**8**	NA
Lithium	mg/kg	**18**	NA	**62**	NA	**46**	NA
Magnesium	mg/kg	**12000**	NA	**21000**	NA	**23000**	NA
Manganese	mg/kg	**260**	NA	**190**	NA	**350**	NA
Mercury	mg/kg	**0.012**	NA	<0.008	NA	<0.008	NA
Molybdenum	mg/kg	<0.5	NA	<0.5	NA	<0.5	NA
Nickel	mg/kg	**13**	NA	**10**	NA	**15**	NA
pH	mg/kg	**8.43**	NA	**7.74**	NA	**8.33**	NA
Phosphorus	mg/kg	**820**	NA	**430**	NA	**800**	NA
Potassium	mg/kg	**1600**	NA	**3400**	NA	**4000**	NA
Selenium	mg/kg	<1	NA	<0.99	NA	<1	NA
Silver	mg/kg	<0.25	NA	<0.25	NA	<0.25	NA
Sodium	mg/kg	**610**	NA	**1600**	NA	**930**	NA
Strontium	mg/kg	**240**	NA	**63**	NA	**90**	NA
Sulfur	mg/kg	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	<0.5	NA	<0.5	NA	<0.5	NA
Tin	mg/kg	<1.3	NA	<1.3	NA	<1.3	NA
Titanium	mg/kg	**540**	NA	**540**	NA	**790**	NA
Uranium	mg/kg	NA	NA	NA	NA	NA	NA
Vanadium	mg/kg	**35**	NA	**33**	NA	**44**	NA
Zinc	mg/kg	**29**	NA	**33**	NA	**45**	NA
ORGANIC ACIDS							
4-Chlorobenzenesulfonic acid	mg/kg	<0.5	NA	<0.5	NA	<0.5	NA
Benzenesulfonic acid	mg/kg	<0.5	NA	<2	NA	<0.5	NA
Diethyl phosphorodithioic acid	mg/kg	<0.5	NA	<0.5	NA	<0.5	NA
Dimethyl phosphorodithioic acid	mg/kg	<10	NA	<40	NA	<2.5	NA
Phthalic acid	mg/kg	<0.5	NA	<0.5	NA	<0.5	NA
PCB							
2,3-DiCB-(5)	mg/kg	<0.0000059	NA	<0.0000042	NA	<0.0000061	NA
2,3'-DiCB-(6)	mg/kg	<0.0000053	NA	<0.0000037	NA	<0.0000055	NA
2,4-DiCB-(7)	mg/kg	<0.0000052	NA	<0.0000037	NA	<0.0000054	NA
2,4'-DiCB-(8)	mg/kg	**5.8e-006**	NA	**7.3e-006**	NA	<0.000005	NA
2,5-DiCB-(9)	mg/kg	<0.0000053	NA	<0.0000038	NA	<0.0000056	NA
2,6-DiCB-(10)	mg/kg	<0.000003	NA	<0.0000035	NA	<0.0000037	NA
22'-DiCB-(4)	mg/kg	<0.000004	NA	<0.0000047	NA	<0.0000049	NA
233'44'55'-HeptaCB-(189)	mg/kg	<0.00000033	NA	<0.00000057	NA	<0.00000042	NA
233'44'-PentaCB-(105)	mg/kg	<0.00000025	NA	<0.00000064	NA	<0.00000054	NA
23'44'55'-HexaCB-(167)	mg/kg	**5.60E-07**	NA	<0.00000067	NA	**6e-007**	NA
2344'5-PentaCB-(114)	mg/kg	<0.00000026	NA	<0.0000005	NA	<0.00000061	NA
23'44'5-PentaCB-(118)	mg/kg	<0.00000026	NA	<0.00000049	NA	<0.0000006	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	FTF-21D					SS-EC-024
	Sample Depth (ft bgs)	10	20	30	40	50	0-0.25
	Date / Units	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007
23'44'5'-PentaCB-(123)	mg/kg	<0.00000026	NA	<0.0000005	NA	<0.00000061	NA
3,3'-DiCB-(11)	mg/kg	<0.0000055	NA	<0.0000048	NA	<0.0000058	NA
3,5-DiCB-(14)	mg/kg	<0.0000053	NA	<0.0000038	NA	<0.0000055	NA
33'44'55'-HexaCB-(169)	mg/kg	<0.00000032	NA	<0.0000005	NA	<0.00000052	NA
33'44'5-PentaCB-(126)	mg/kg	<0.00000025	NA	<0.00000047	NA	<0.00000057	NA
33'44'-TetraCB-(77)	mg/kg	**2.60E-07**	NA	<0.00000027	NA	<0.00000032	NA
344'5-TetraCB-(81)	mg/kg	<0.0000002	NA	<0.00000029	NA	<0.00000033	NA
4,4'-DiCB-(15)	mg/kg	<0.0000066	NA	<0.0000042	NA	<0.0000069	NA
Aroclor 1016	mg/kg	<0.025	NA	<0.025	NA	<0.025	NA
Aroclor 1221	mg/kg	<0.013	NA	<0.013	NA	<0.013	NA
Aroclor 1232	mg/kg	<0.006	NA	<0.006	NA	<0.006	NA
Aroclor 1242	mg/kg	<0.016	NA	<0.016	NA	<0.016	NA
Aroclor 1248	mg/kg	<0.01	NA	<0.01	NA	<0.01	NA
Aroclor 1254	mg/kg	<0.016	NA	<0.016	NA	<0.016	NA
Aroclor 1260	mg/kg	<0.025	NA	<0.025	NA	<0.025	NA
DiCB-(12)+(13)	mg/kg	<0.0000054	NA	<0.0000038	NA	<0.0000056	NA
HexaCB-(156)+(157)	mg/kg	<0.00000031	NA	<0.00000048	NA	<0.0000005	NA
PESTICIDES							
2,4'-DDD	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	NA
2,4'-DDE	mg/kg	<0.001	NA	<0.001	NA	<0.001	NA
2,4'-DDT	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	NA
4,4'-DDD	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.011
4,4'-DDE	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	**0.13**
4,4'-DDT	mg/kg	<0.0035	NA	<0.0035	NA	<0.0035	**0.1**
Aldrin	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.0057
alpha-BHC	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.0057
beta-BHC	mg/kg	<0.003	NA	<0.003	NA	<0.003	**0.14**
Chlordane	mg/kg	<0.01	NA	<0.01	NA	<0.01	<0.11
delta-BHC	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.0057
Dieldrin	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.011
Endosulfan I	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.0057
Endosulfan II	mg/kg	<0.0025	NA	<0.0025	NA	<0.0025	<0.011
Endosulfan sulfate	mg/kg	<0.002	NA	<0.002	NA	<0.002	<0.011
Endrin	mg/kg	<0.0025	NA	<0.0025	NA	<0.0025	<0.011
Endrin aldehyde	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.022
Endrin ketone	mg/kg	<0.002	NA	<0.002	NA	<0.002	<0.022
gamma-BHC (Lindane)	mg/kg	<0.0015	NA	<0.0015	NA	<0.0015	<0.0057
Heptachlor	mg/kg	<0.002	NA	<0.002	NA	<0.002	<0.0057
Heptachlor epoxide	mg/kg	<0.002	NA	<0.002	NA	<0.002	<0.0057
Methoxychlor	mg/kg	<0.003	NA	<0.003	NA	<0.003	<0.057
Toxaphene	mg/kg	<0.075	NA	<0.075	NA	<0.075	<0.57
SEMIVOLATILE ORGANIC COMPOUNDS							
1,2,4,5-Tetrachlorobenzene	mg/kg	<0.055	NA	<0.055J	NA	<0.055	NA
1,2,4-Trichlorobenzene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
1,2-Dichlorobenzene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
1,2-Diphenylhydrazine/Azobenzene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
1,3-Dichlorobenzene	mg/kg	<0.09	NA	<0.09J	NA	<0.09	NA
1,4-Dichlorobenzene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
1,4-Dioxane	mg/kg	<0.006J	NA	<0.006J	NA	<0.006J	NA
2,2'-/4,4'-Dichlorobenzil	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
2,4,5-Trichlorophenol	mg/kg	<0.13	NA	<0.13J	NA	<0.13	NA
2,4,6-Trichlorophenol	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
2,4-Dichlorophenol	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
2,4-Dimethylphenol	mg/kg	<0.1	NA	<0.1J	NA	<0.1	NA
2,4-Dinitrophenol	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
2,4-Dinitrotoluene	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
2,6-Dinitrotoluene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
2-Chloronaphthalene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
2-Chlorophenol	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
2-Methylnaphthalene	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
2-Methylphenol	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
2-Nitroaniline	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
2-Nitrophenol	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
3,3-Dichlorobenzidine	mg/kg	<0.15	NA	<0.15J	NA	<0.15	NA
3-Hexene-2,5-dione	mg/kg	**3.4**	NA	**3.7**	NA	**3**	NA
3-Nitroaniline	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
4,4'-Dichlorobenzophenone	mg/kg	<0.082	NA	<0.082J	NA	<0.082	NA
4,6-Dinitro-2-methylphenol	mg/kg	<0.11	NA	<0.11J	NA	<0.11	NA
4-Bromophenyl phenyl ether	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
4-Chloro-3-methylphenol	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
4-Chloroaniline	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
4-Chlorobenzenethiol	mg/kg	<2	NA	<2J	NA	<2	NA

Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	FTF-21D					SS-EC-024
	Sample Depth (ft bgs)	10	20	30	40	50	0-0.25
	Date / Units	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007
4-Chlorophenyl methyl sulfide	mg/kg	<0.065	NA	<0.065J	NA	<0.065	NA
4-Chlorophenyl methyl sulfone	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
4-Chlorophenyl phenyl ether	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
4-Chlorophenyl sulfone	mg/kg	<0.085	NA	<0.085J	NA	<0.085	NA
4-Methylphenol	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
4-Nitroaniline	mg/kg	<0.09	NA	<0.09J	NA	<0.09	NA
4-Nitrophenol	mg/kg	<0.14	NA	<0.14J	NA	<0.14	NA
Acenaphthene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Acenaphthylene	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Aniline	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Anthracene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
Benzo(a)anthracene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
Benzo(a)pyrene	mg/kg	<0.04	NA	<0.04J	NA	<0.04	NA
Benzo(b)fluoranthene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
Benzo(g,h,i)perylene	mg/kg	<0.11	NA	<0.11J	NA	<0.11	NA
Benzo(k)fluoranthene	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
Benzoic acid	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Benzophenone	mg/kg	<0.074	NA	<0.074J	NA	<0.074	NA
Benzyl alcohol	mg/kg	<0.1	NA	<0.1J	NA	<0.1	NA
Bis(2-chloroethoxy)methane	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Bis(2-chloroethyl)ether	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Bis(2-chloroisopropyl)ether	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Bis(2-ethylhexyl)phthalate	mg/kg	<0.09	NA	<0.09J	NA	<0.09	NA
bis(4-chlorophenyl)disulfide	mg/kg	<0.097	NA	<0.097J	NA	<0.097	NA
Butyl benzyl phthalate	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
Chrysene	mg/kg	<0.04	NA	<0.04J	NA	<0.04	NA
Dibenz(a,h)anthracene	mg/kg	<0.1	NA	<0.1J	NA	<0.1	NA
Dibenzofuran	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Dichloroacetaldehyde	mg/kg	<0.018J	NA	<0.018J	NA	<0.018J	NA
Diethyl phthalate	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Dimethyl phthalate	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
Di-n-butyl phthalate	mg/kg	<0.06	NA	<0.06J	NA	**0.085**	NA
Di-n-octyl phthalate	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Diphenyl sulfone	mg/kg	<1.5	NA	<1.5J	NA	<1.5	NA
Fluoranthene	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Fluorene	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Hexachlorobenzene	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Hexachlorobutadiene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Hexachlorocyclopentadiene	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
Hexachloroethane	mg/kg	<0.04	NA	<0.04J	NA	<0.04	NA
Indeno(1,2,3-cd)pyrene	mg/kg	<0.13	NA	<0.13J	NA	<0.13	NA
Isophorone	mg/kg	<0.05	NA	<0.05J	NA	<0.05	NA
Naphthalene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
n-Hydroxymethylphthalimide	mg/kg	<2.3J	NA	<2.3J	NA	<2.3J	NA
Nitrobenzene	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
N-Nitrosodimethylamine	mg/kg	<0.04	NA	<0.04J	NA	<0.04	NA
N-Nitroso-di-n-propylamine	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
N-Nitrosodiphenylamine	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
Octachlorostyrene	mg/kg	<2.3	NA	<2.3J	NA	<2.3	NA
Pentachlorobenzene	mg/kg	<0.075	NA	<0.075J	NA	<0.075	NA
Pentachlorophenol	mg/kg	<0.15	NA	<0.15J	NA	<0.15	NA
Phenanthrene	mg/kg	<0.06	NA	<0.06J	NA	<0.06	NA
Phenol	mg/kg	<0.04	NA	<0.04J	NA	<0.04	NA
Phenyl disulfide	mg/kg	<0.11	NA	<0.11J	NA	<0.11	NA
Phenyl sulfide	mg/kg	<0.075	NA	<0.075J	NA	<0.075	NA
Pyrene	mg/kg	<0.08	NA	<0.08J	NA	<0.08	NA
Pyridine	mg/kg	<0.07	NA	<0.07J	NA	<0.07	NA
Thiophenol	mg/kg	<2.6	NA	<2.6J	NA	<2.6	NA
Trichloroacetaldehyde	mg/kg	<0.004	NA	<0.004J	NA	<0.004	NA
VOLATILE ORGANIC COMPOUNDS							
1,1,1,2-Tetrachloroethane	mg/kg	<0.00079	<0.00076	<0.00063	<0.00073	<0.00062	NA
1,1,1-Trichloroethane	mg/kg	<0.00096	<0.00093	<0.00077	<0.0009	<0.00077	NA
1,1,2,2-Tetrachloroethane	mg/kg	<0.0012	<0.0011	<0.00095	<0.0011	<0.00094	NA
1,1,2-Trichloroethane	mg/kg	<0.0012	<0.0012	<0.00096	<0.0011	<0.00095	NA
1,1-Dichloroethane	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
1,1-Dichloroethene	mg/kg	<0.00083	<0.0008	<0.00066	<0.00077	<0.00066	NA
1,1-Dichloropropene	mg/kg	<0.00055	<0.00053	<0.00044	<0.00051	<0.00044	NA
1,2,3-Trichlorobenzene	mg/kg	<0.0014	<0.0013	<0.0011	<0.0013	<0.0011	NA
1,2,3-Trichloropropane	mg/kg	<0.0014	<0.0013	<0.0011	<0.0013	<0.0011	NA
1,2,4-Trichlorobenzene	mg/kg	<0.0014	<0.0013	<0.0011	<0.0013	<0.0011	NA
1,2,4-Trimethylbenzene	mg/kg	<0.0011	<0.001	<0.00086	<0.001	<0.00085	NA
1,2-Dibromo-3-chloropropane	mg/kg	<0.0021	<0.002	<0.0017	<0.0019	<0.0016	NA

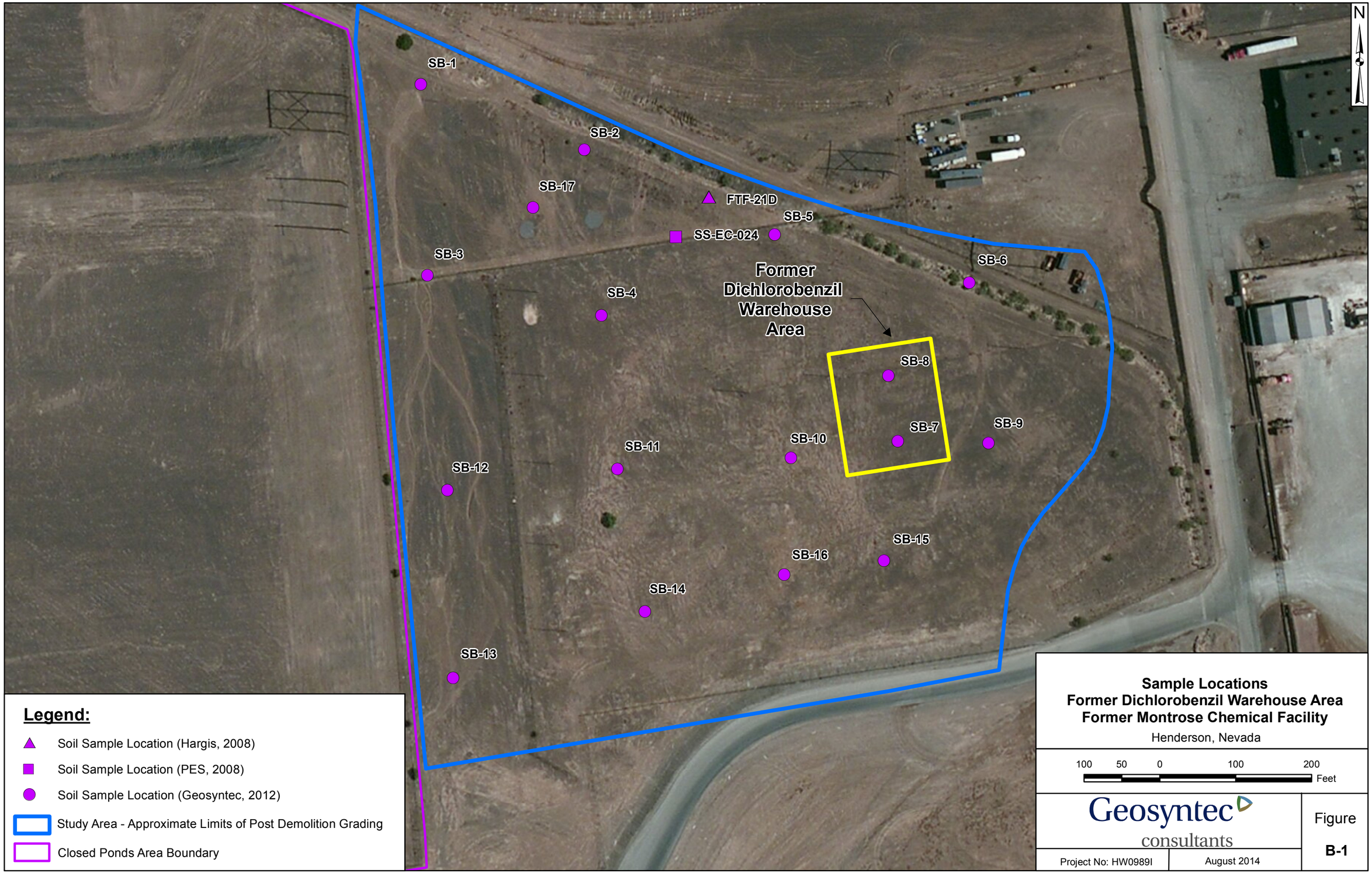
Table B-2b
Summary of Soil Data – Wet Weight
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Analyte	Location	FTF-21D					SS-EC-024
	Sample Depth (ft bgs)	10	20	30	40	50	0-0.25
	Date / Units	11/7/2006	11/7/2006	11/7/2006	11/7/2006	11/7/2006	1/22/2007
1,2-Dibromoethane (EDB)	mg/kg	<0.0011	<0.0011	<0.00088	<0.001	<0.00088	NA
1,2-Dichlorobenzene	mg/kg	<0.0013	<0.0013	<0.001	<0.0012	<0.001	NA
1,2-Dichloroethane	mg/kg	<0.0011	<0.0011	<0.00088	<0.001	<0.00088	NA
1,2-Dichloropropane	mg/kg	<0.00048	<0.00046	<0.00039	<0.00045	<0.00038	NA
1,3,5-Trimethylbenzene	mg/kg	<0.00087	<0.00084	<0.00069	<0.00081	<0.00069	NA
1,3-Dichlorobenzene	mg/kg	<0.0012	<0.0011	<0.00093	<0.0011	<0.00092	NA
1,3-Dichloropropane	mg/kg	<0.00087	<0.00084	<0.00069	<0.00081	<0.00069	NA
1,4-Dichlorobenzene	mg/kg	<0.0013	<0.0012	<0.001	<0.0012	<0.001	NA
2,2-Dichloropropane	mg/kg	<0.00062	<0.0006	<0.0005	<0.00058	<0.00049	NA
2-Butanone (MEK)	mg/kg	<0.0083J	<0.008J	<0.0066J	<0.0077J	<0.0066J	NA
2-Chlorotoluene	mg/kg	<0.0012	<0.0012	<0.00096	<0.0011	<0.00095	NA
2-Hexanone	mg/kg	<0.013	<0.012	<0.01	<0.012	<0.01	NA
4-Chlorotoluene	mg/kg	<0.001	<0.00098	<0.00081	<0.00095	<0.00081	NA
4-Methyl-2-pentanone (MIBK)	mg/kg	<0.0044	<0.0042	<0.0035	<0.0041	<0.0035	NA
Acetone	mg/kg	**0.031**	**0.021**	<0.0088	<0.01	**0.0096**	NA
Benzene	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
Bromobenzene	mg/kg	<0.0012	<0.0011	<0.00093	<0.0011	<0.00092	NA
Bromochloromethane	mg/kg	<0.0012	<0.0012	<0.00099	<0.0012	<0.00098	NA
Bromodichloromethane	mg/kg	<0.00058	<0.00056	<0.00046	<0.00054	<0.00046	NA
Bromoform	mg/kg	<0.0011	<0.0011	<0.00088	**0.0029**	<0.00088	NA
Bromomethane	mg/kg	<0.0013	<0.0012	<0.001	<0.0012	<0.001	NA
Carbon tetrachloride	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
Chlorobenzene	mg/kg	<0.00072	<0.00069	<0.00057	<0.00067	<0.00057	NA
Chloroethane	mg/kg	<0.0021	<0.002	<0.0017	<0.0019	<0.0016	NA
Chloroform	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
Chloromethane	mg/kg	<0.0014	<0.0013	<0.0011	<0.0013	<0.0011	NA
cis-1,2-Dichloroethene	mg/kg	<0.0011	<0.0011	<0.00091	<0.0011	<0.00091	NA
cis-1,3-Dichloropropene	mg/kg	<0.00061	<0.00058	<0.00048	<0.00057	<0.00048	NA
Dibromochloromethane	mg/kg	<0.00077	<0.00074	<0.00062	<0.00072	<0.00061	NA
Dibromomethane	mg/kg	<0.0012	<0.0012	<0.00099	<0.0012	<0.00098	NA
Dichlorodifluoromethane	mg/kg	<0.0021	<0.002	<0.0017	<0.0019	<0.0016	NA
Ethanol	mg/kg	<0.32	NA	<0.32	NA	<0.32	NA
Ethylbenzene	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
Hexachlorobutadiene	mg/kg	<0.001	<0.00097	<0.0008	<0.00094	<0.0008	NA
Isopropylbenzene	mg/kg	<0.00074	<0.00072	<0.00059	<0.00069	<0.00059	NA
m,p-Xylenes	mg/kg	<0.0011	<0.0011	<0.00088	<0.001	<0.00088	NA
Methylene chloride	mg/kg	<0.009	<0.0086	<0.0072	<0.0084	<0.0071	NA
Methyl-tert-butyl Ether (MTBE)	mg/kg	<0.0014	<0.0013	<0.0011	<0.0013	<0.0011	NA
Naphthalene	mg/kg	<0.0015	<0.0015	<0.0012	<0.0014	<0.0012	NA
n-Butylbenzene	mg/kg	<0.00099	<0.00095	<0.00079	<0.00093	<0.00079	NA
n-Propylbenzene	mg/kg	<0.00084	<0.00081	<0.00067	<0.00078	<0.00067	NA
o-Xylene	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
p-Isopropyltoluene	mg/kg	<0.00099	<0.00095	<0.00079	<0.00093	<0.00079	NA
sec-Butylbenzene	mg/kg	<0.00092	<0.00089	<0.00074	<0.00086	<0.00073	NA
Styrene	mg/kg	<0.0008	<0.00077	<0.00064	<0.00075	<0.00063	NA
Tentatively Identified Compounds	mg/kg	<0.28	<0.27	<0.22	<0.26	<0.22	NA
tert-Butylbenzene	mg/kg	<0.00085	<0.00082	<0.00068	<0.0008	<0.00068	NA
Tetrachloroethene	mg/kg	<0.00067	<0.00065	<0.00054	<0.00063	<0.00054	NA
Toluene	mg/kg	**0.00094**	**0.00077**	<0.00055	<0.00064	<0.00055	NA
trans-1,2-Dichloroethene	mg/kg	<0.00096	<0.00093	<0.00077	<0.0009	<0.00077	NA
trans-1,3-Dichloropropene	mg/kg	<0.00084	<0.00081	<0.00067	<0.00078	<0.00067	NA
Trichloroethene	mg/kg	<0.00069	<0.00066	<0.00055	<0.00064	<0.00055	NA
Trichlorofluoromethane	mg/kg	<0.00074	<0.00072	<0.00059	<0.00069	<0.00059	NA
Vinyl chloride	mg/kg	<0.0013	<0.0012	<0.001	<0.0012	<0.001	NA

Notes:
ft bgs = feet below ground surface
J = estimated value
J- = estimated value with a negative bias
J+ = estimated value with a positive bias
< = not detected above Sample Quantitation Limit
NA = not analyzed
ND = not detected

APPENDIX B

FIGURES



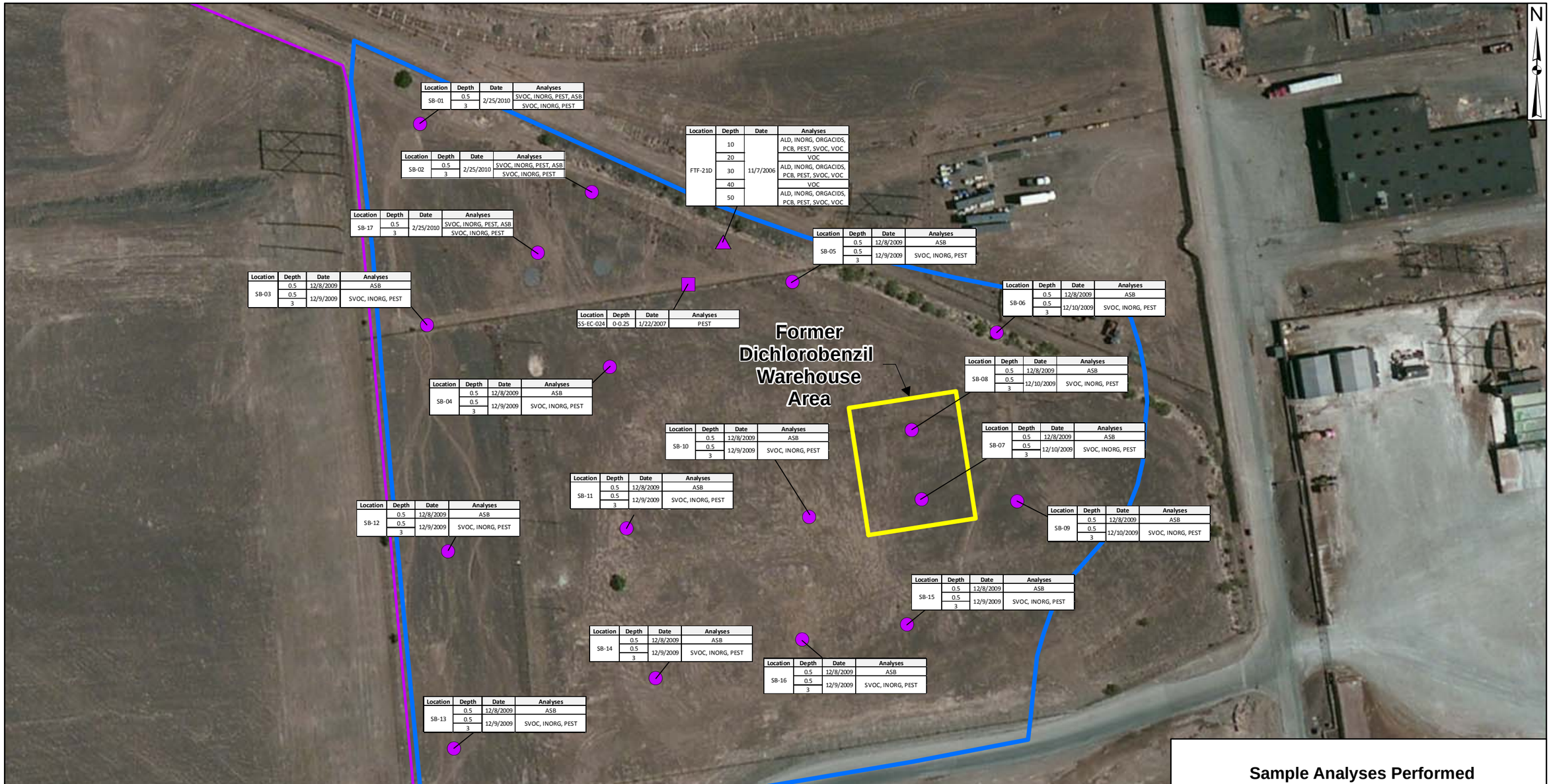
Sample Locations
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility
Henderson, Nevada

Geosyntec consultants

Project No: HW0989I | August 2014

Figure **B-1**

G:\GIS\HW0934\Projects\DCB Warehouse\2014\SoilSampleLoc.mxd cc 8/13/2014



Location	Depth	Date	Analyses
SB-01	0.5	2/25/2010	SVOC, INORG, PEST, ASB
	3		SVOC, INORG, PEST

Location	Depth	Date	Analyses
SB-02	0.5	2/25/2010	SVOC, INORG, PEST, ASB
	3		SVOC, INORG, PEST

Location	Depth	Date	Analyses
SB-17	0.5	2/25/2010	SVOC, INORG, PEST, ASB
	3		SVOC, INORG, PEST

Location	Depth	Date	Analyses
SB-03	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SS-EC-024	0-0.25	1/22/2007	PEST

Location	Depth	Date	Analyses
FTF-21D	10	11/7/2006	ALD, INORG, ORGACIDS, PCB, PEST, SVOC, VOC
	20		VOC
	30		ALD, INORG, ORGACIDS, PCB, PEST, SVOC, VOC
	40		VOC
	50		ALD, INORG, ORGACIDS, PCB, PEST, SVOC, VOC

Location	Depth	Date	Analyses
SB-05	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-06	0.5	12/8/2009	ASB
	0.5	12/10/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-04	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-08	0.5	12/8/2009	ASB
	0.5	12/10/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-10	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-07	0.5	12/8/2009	ASB
	0.5	12/10/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-11	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-12	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-09	0.5	12/8/2009	ASB
	0.5	12/10/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-15	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-14	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-16	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Location	Depth	Date	Analyses
SB-13	0.5	12/8/2009	ASB
	0.5	12/9/2009	SVOC, INORG, PEST
	3		

Legend:

- Soil Sample Location (Hargis, 2008)
- Soil Sample Location (PES, 2008)
- Soil Sample Location (Geosyntec, 2012)
- Study Area - Approximate Limits of Post Demolition Grading
- Closed Ponds Area Boundary

Notes:
ALD = Aldehydes
ASB = Asbestos
INORG = Inorganic Compounds
ORGACID = Organic Acids
PCB = Polychlorinated Biphenyls as Aroclors
PEST = Pesticides
SVOC = Semi-Volatile Organic Compounds
VOC = Volatile Organic Compounds
Depth given in feet below ground surface

Sample Analyses Performed
Former Dichlorobenzil Warehouse Area
Former Montrose Chemical Facility
Henderson, Nevada

100 50 0 100 200 Feet

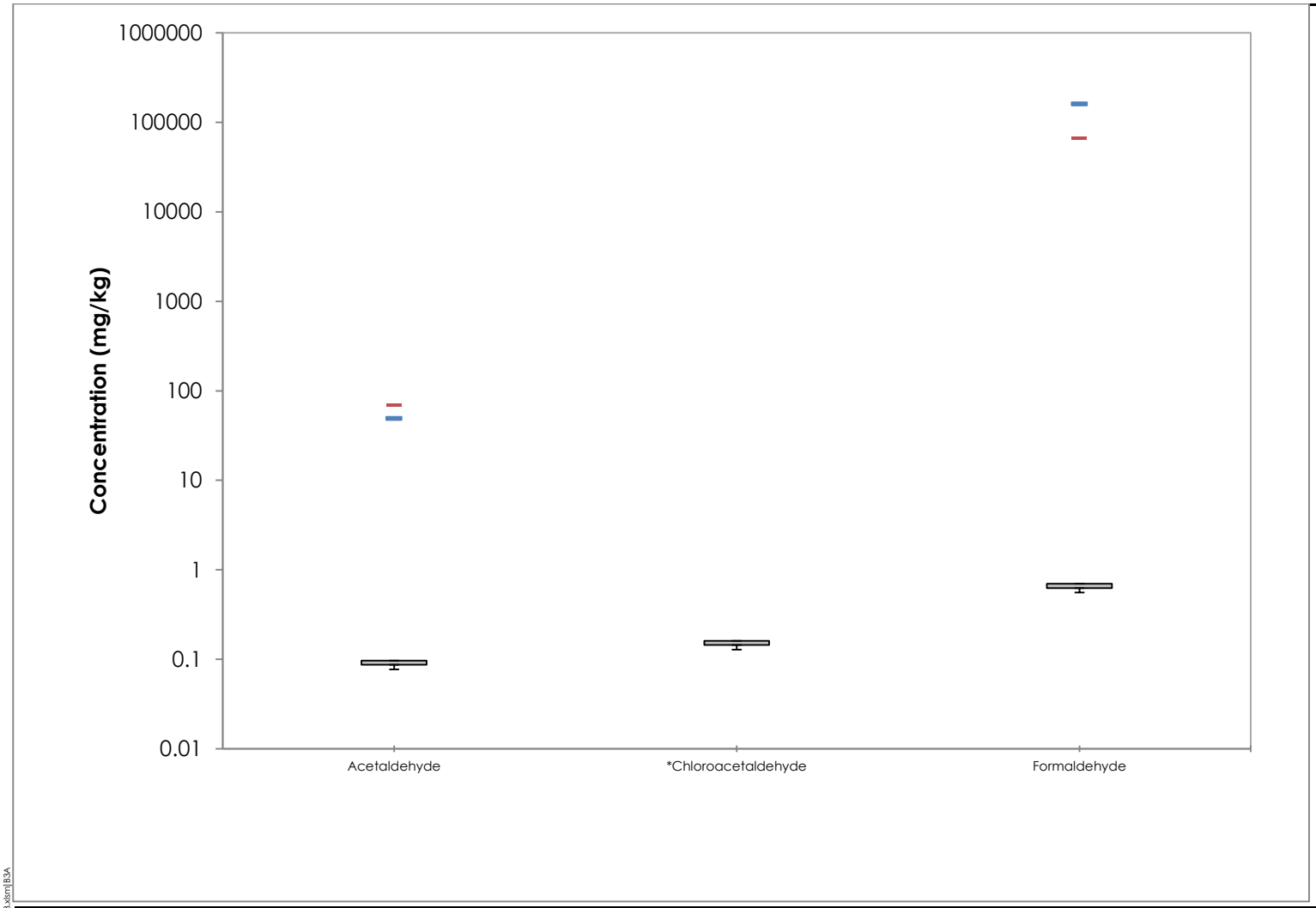
Geosyntec consultants

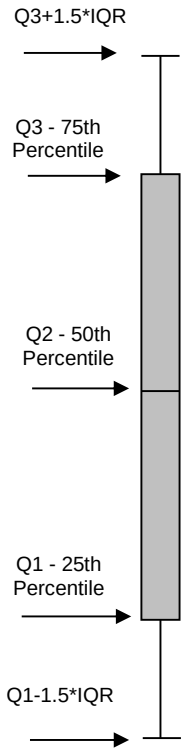
Project No: HW0989H

August 2014

Figure **B-2**

G:\GIS\HW0934\Projects\DCB Warehouse\2014\FormeSoilSamplesTables.mxd LV 8/13/2014





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - ALDEHYDES
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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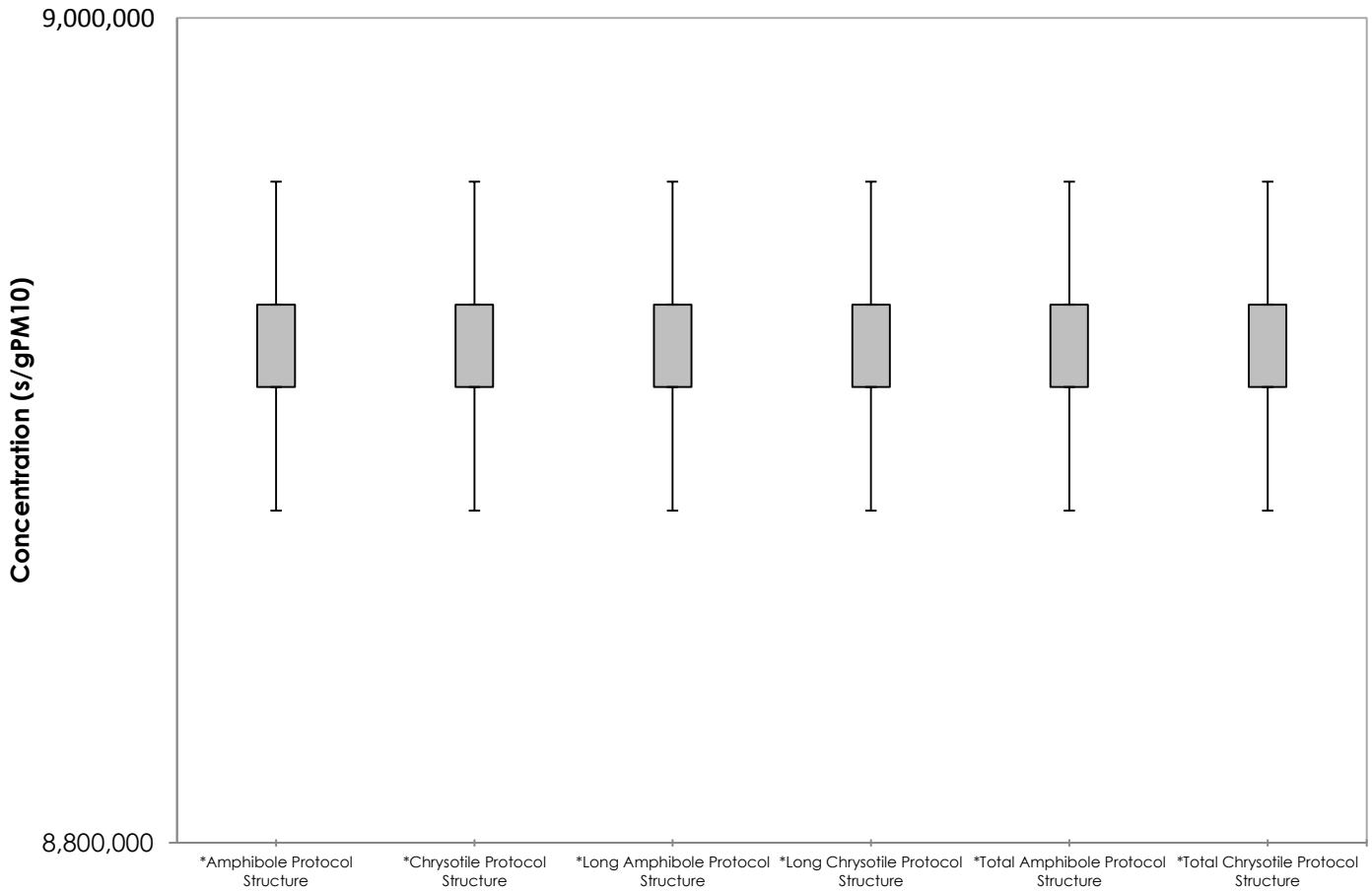
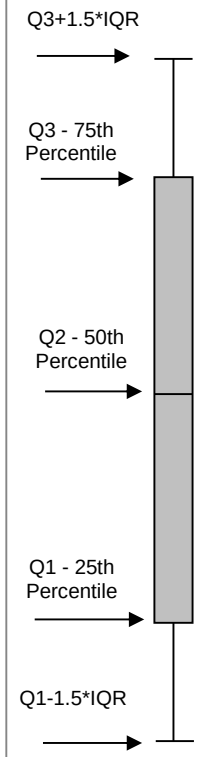
Figure B3-A

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

s/gPM10 = structures per gram particulate matter 10
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - ASBESTOS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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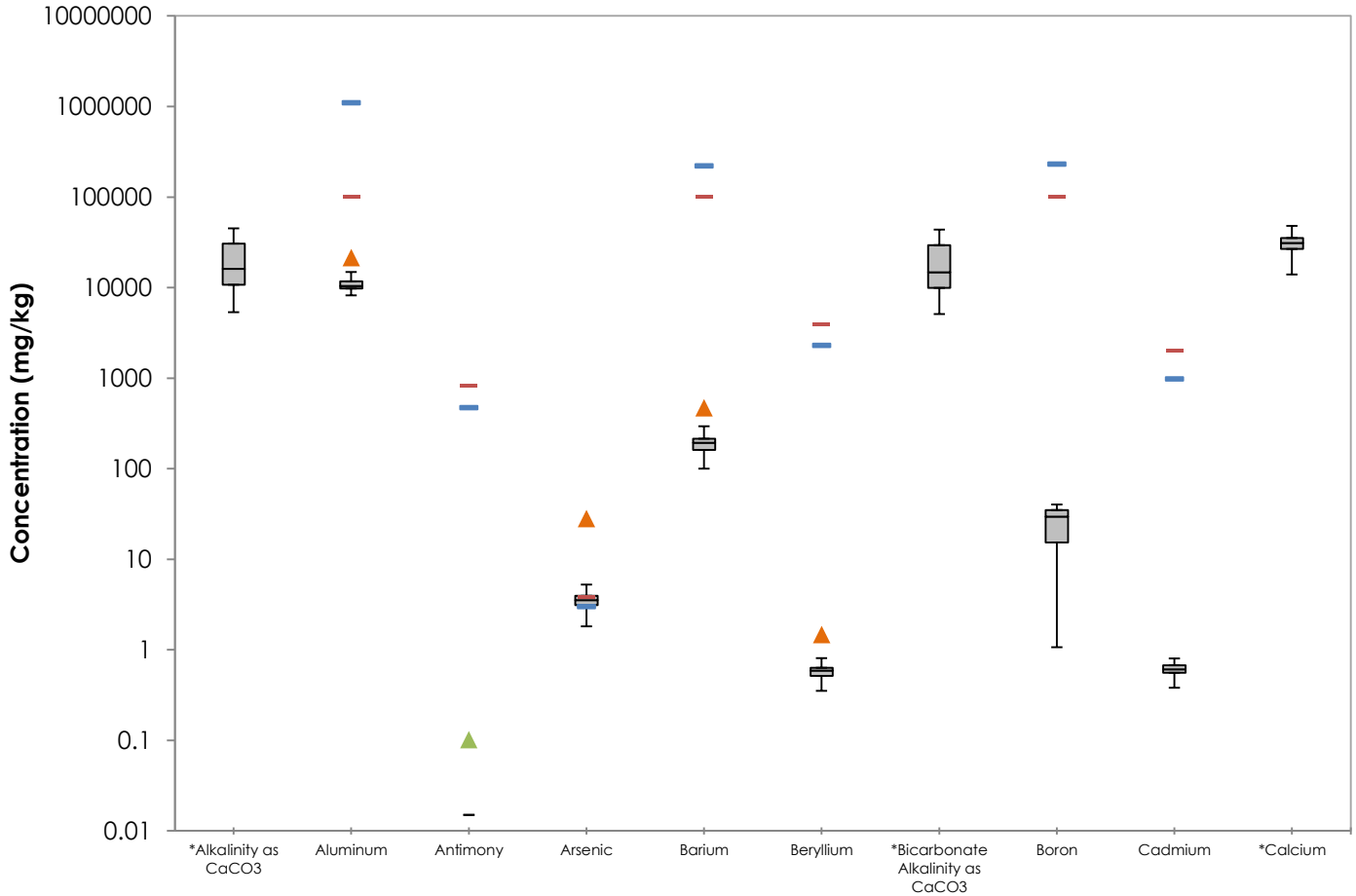
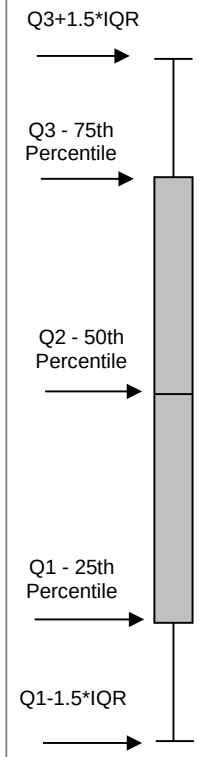
Figure B3-B

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - INORGANICS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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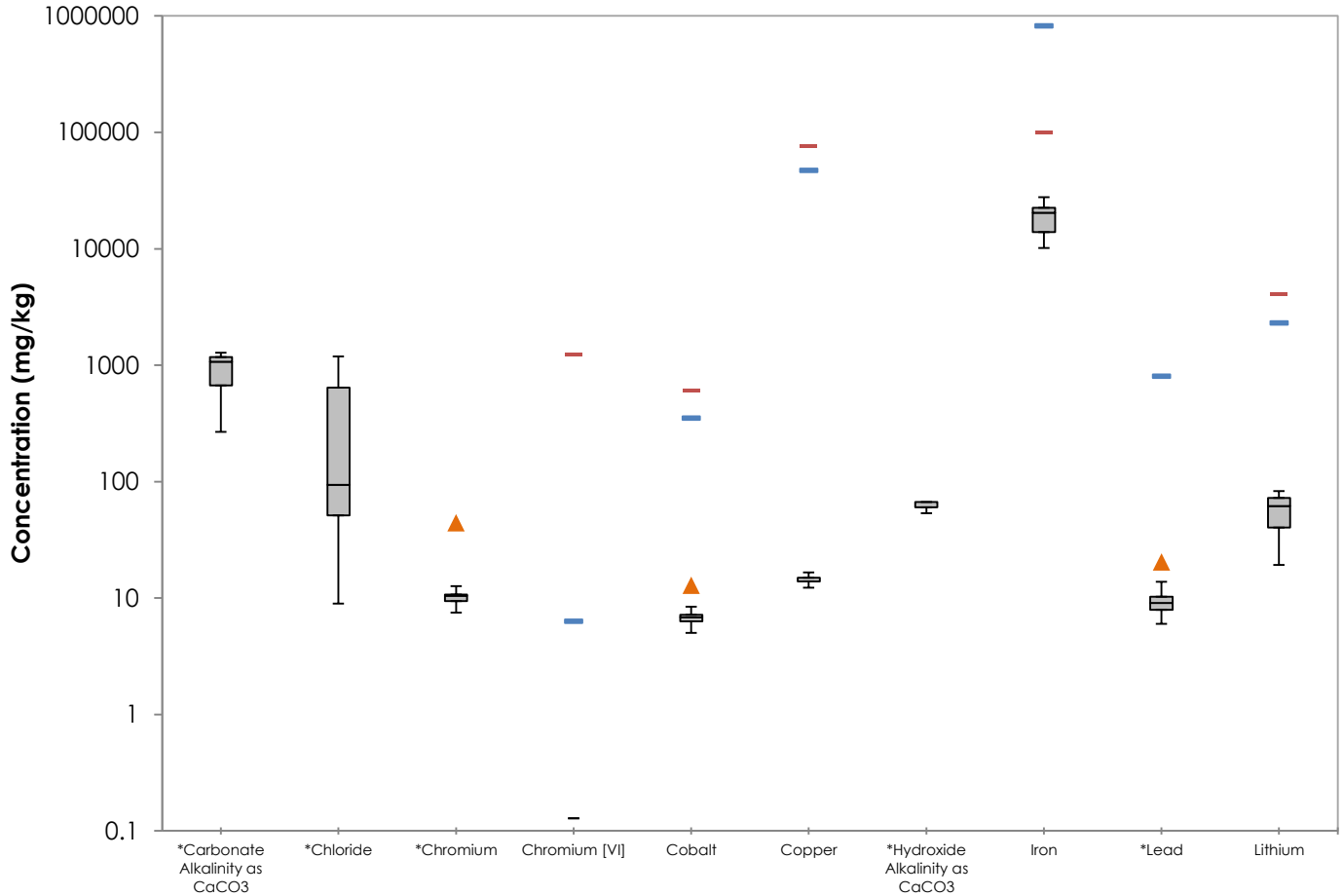
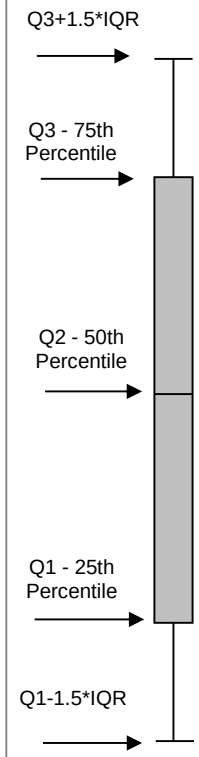
Figure B3-C

P:\PR\4\CA\WP\HW0989\[MDP14-03_DC8 DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

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Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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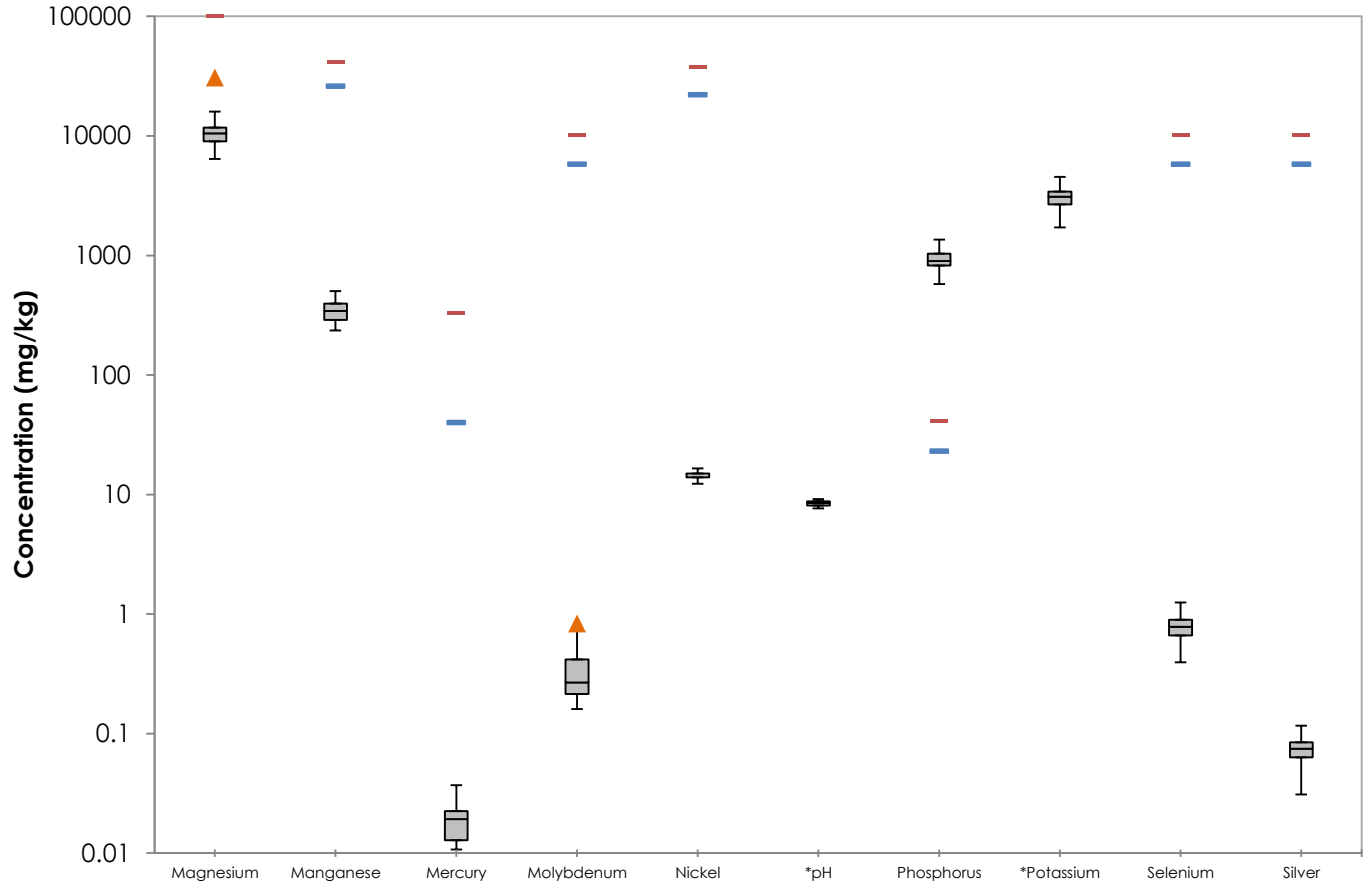
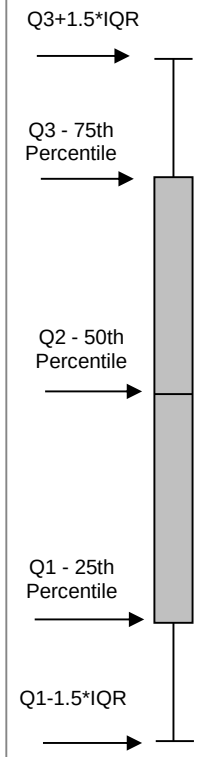
Figure B3-D

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - INORGANICS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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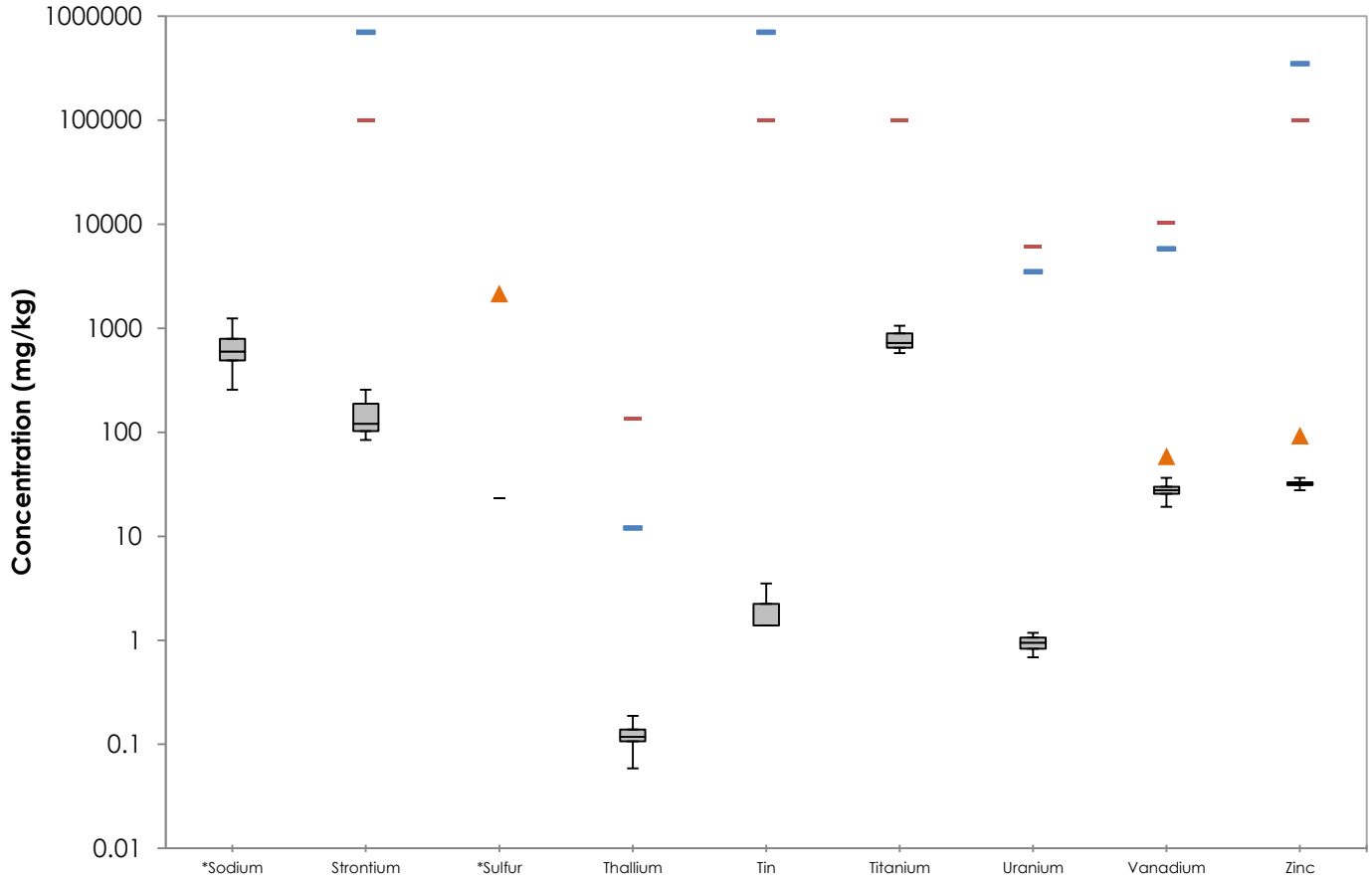
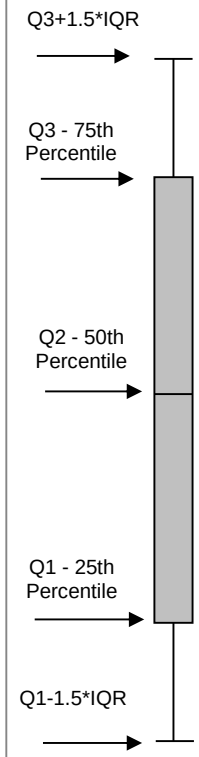
Figure B3-E

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





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Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

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Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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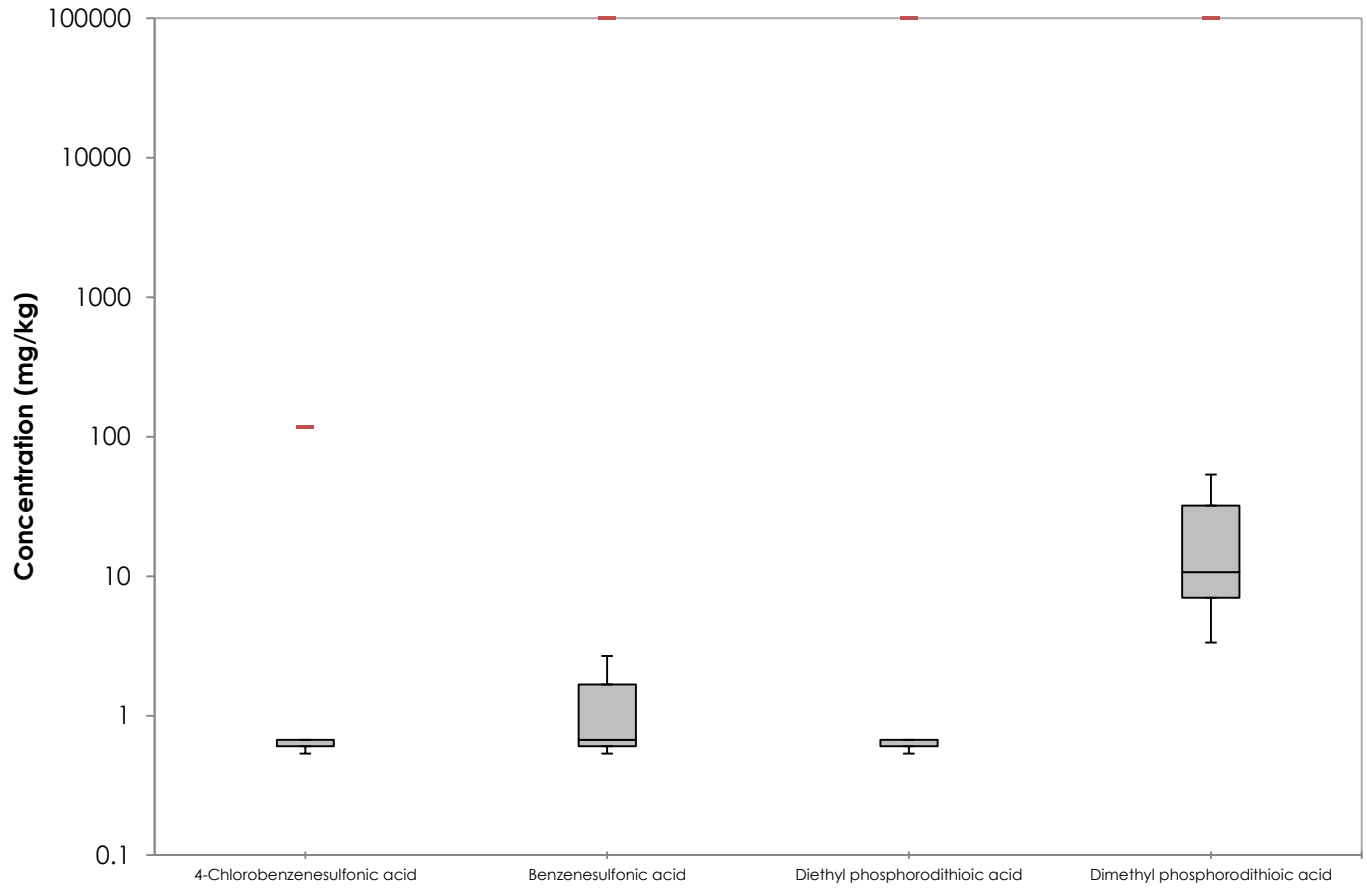
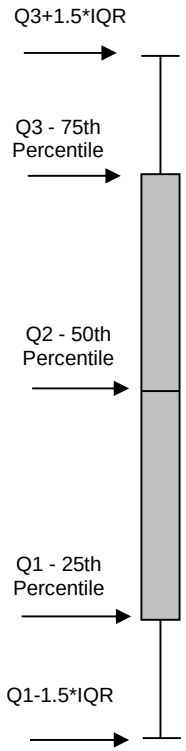
Figure B3-F

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB DUE Figures B-3.xlsm]B3A





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Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - ORGANIC ACIDS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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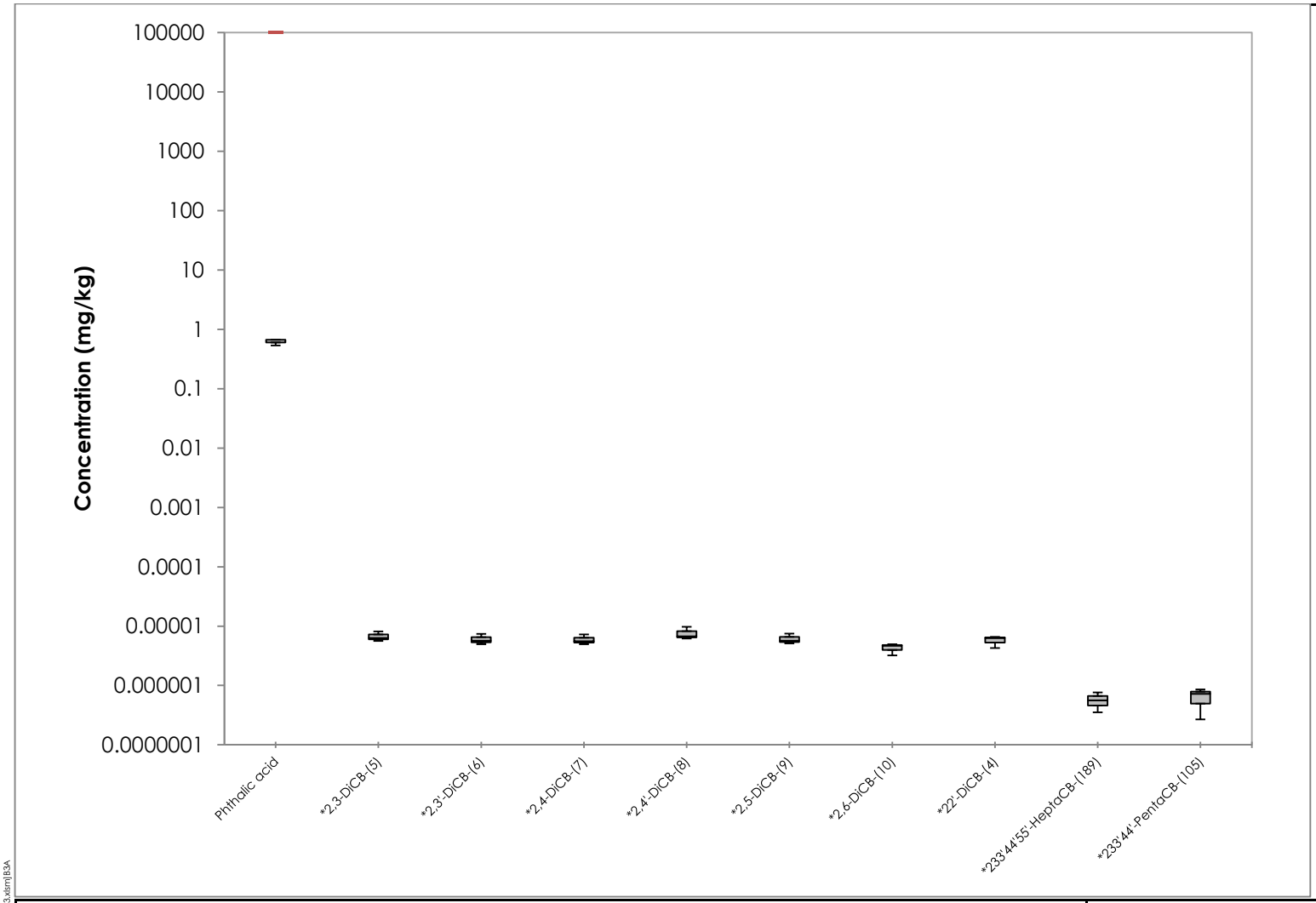
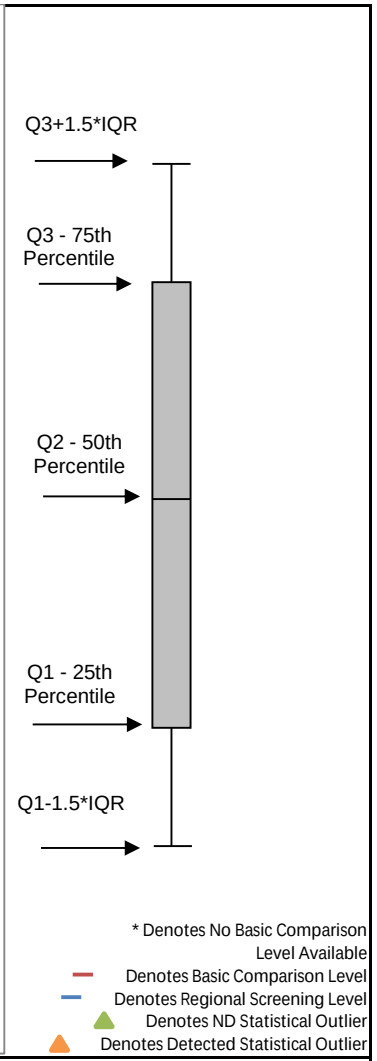
Figure B3-G

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - ORGANIC ACIDS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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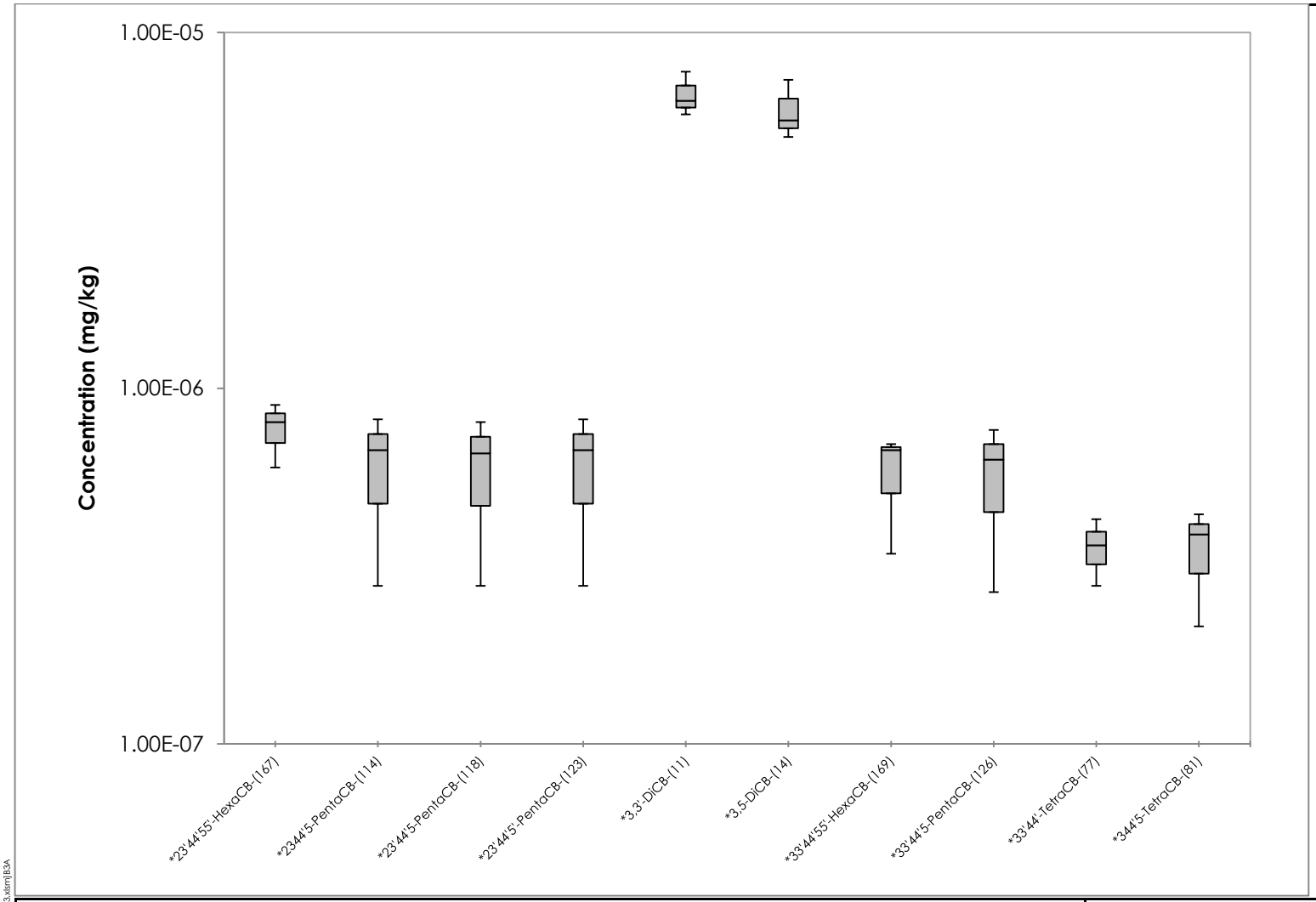
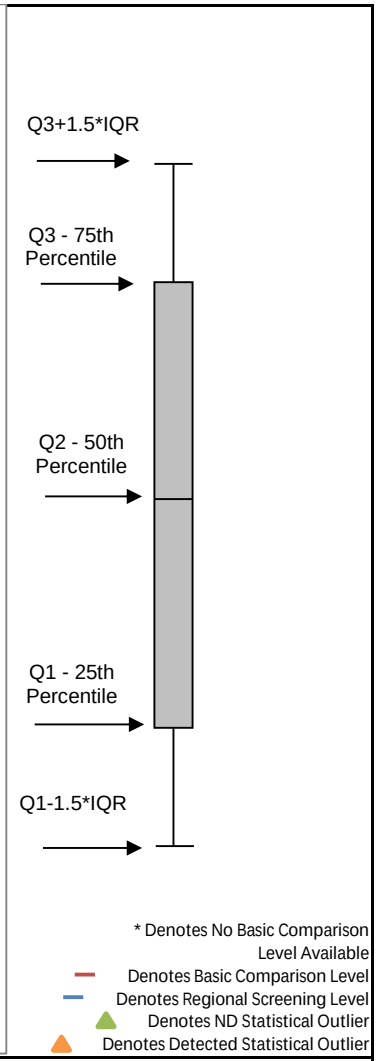
Figure B3-H

P:\PR\4\CAWP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
POLYCHLORINATED BIPHENYLS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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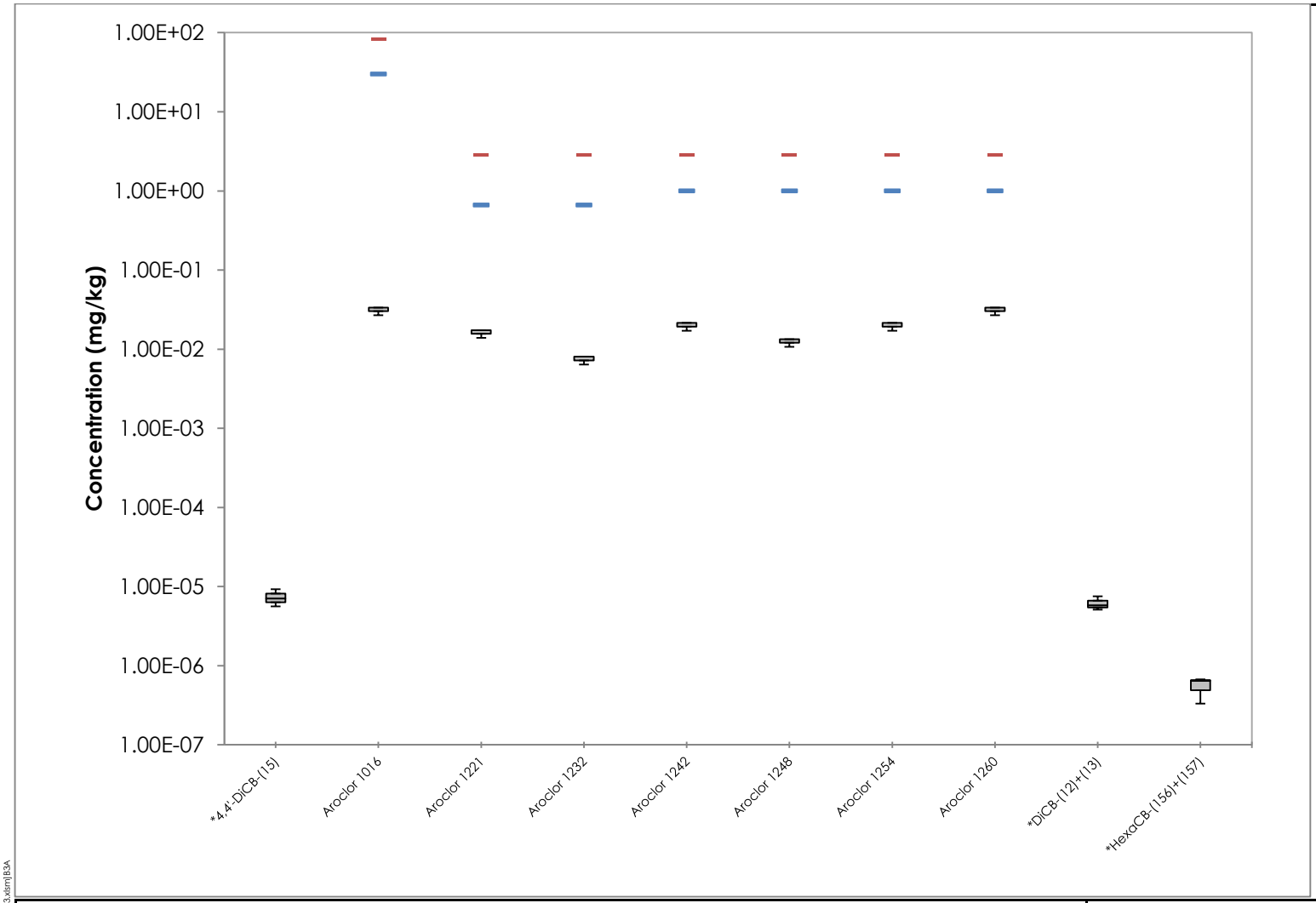
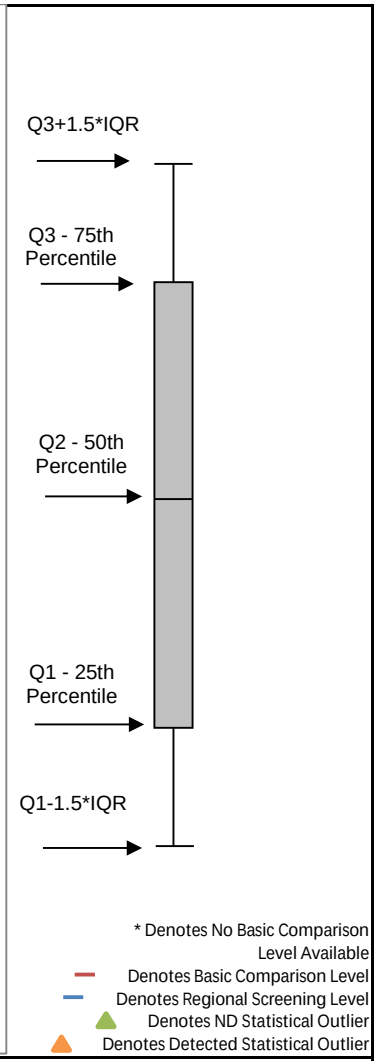
Figure B3-I

P:\PR\4\CAWP\HW0989\[MDP14-03_DCB DUE Figures B-3.xlsm]B3A





Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
POLYCHLORINATED BIPHENYLS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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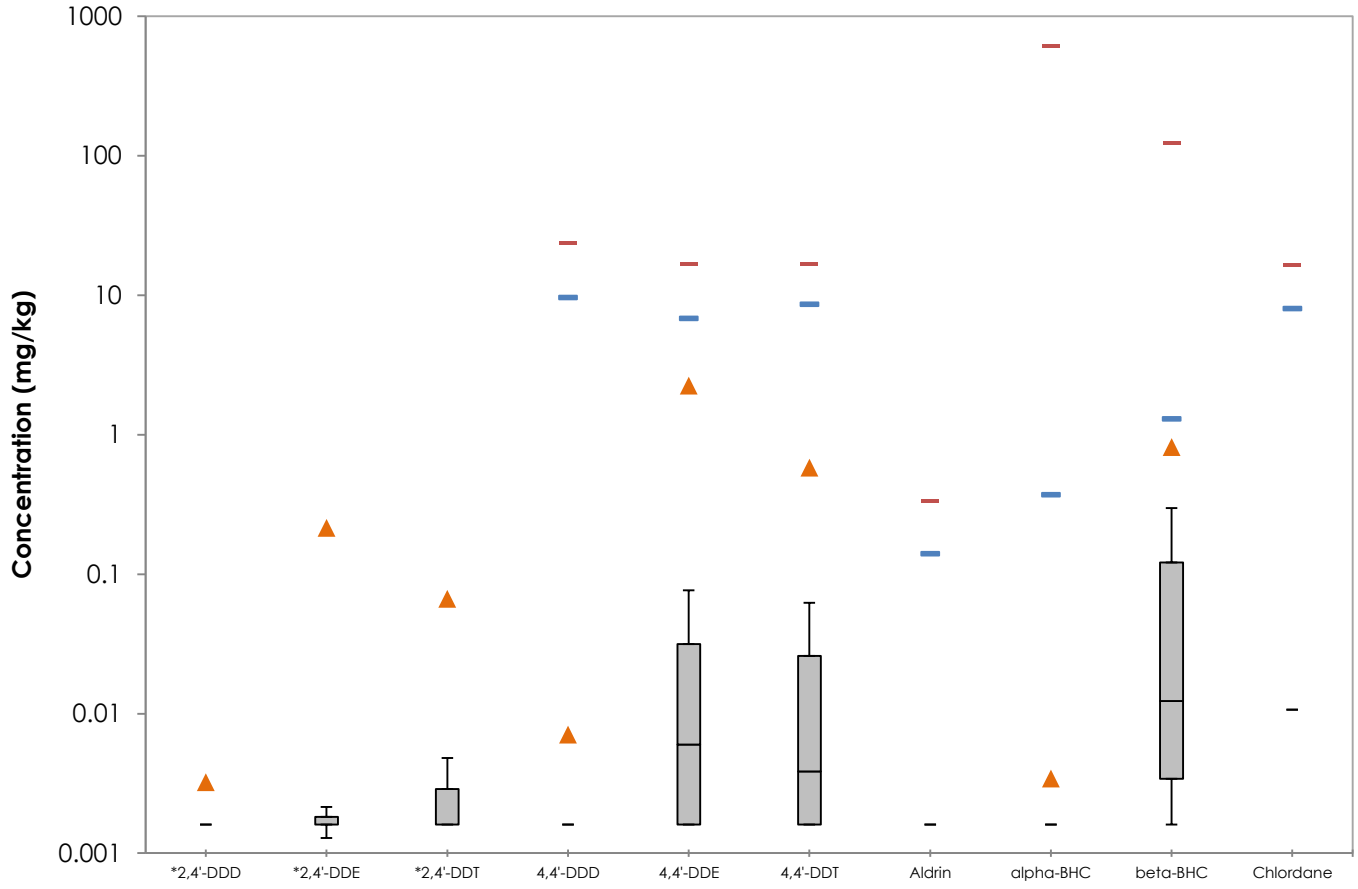
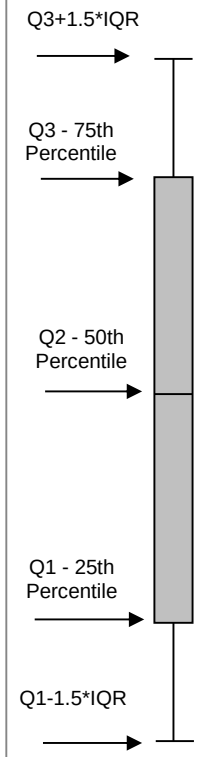
Figure B3-J

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB DUE Figures B-3.xlsm]B3A





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Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - PESTICIDES
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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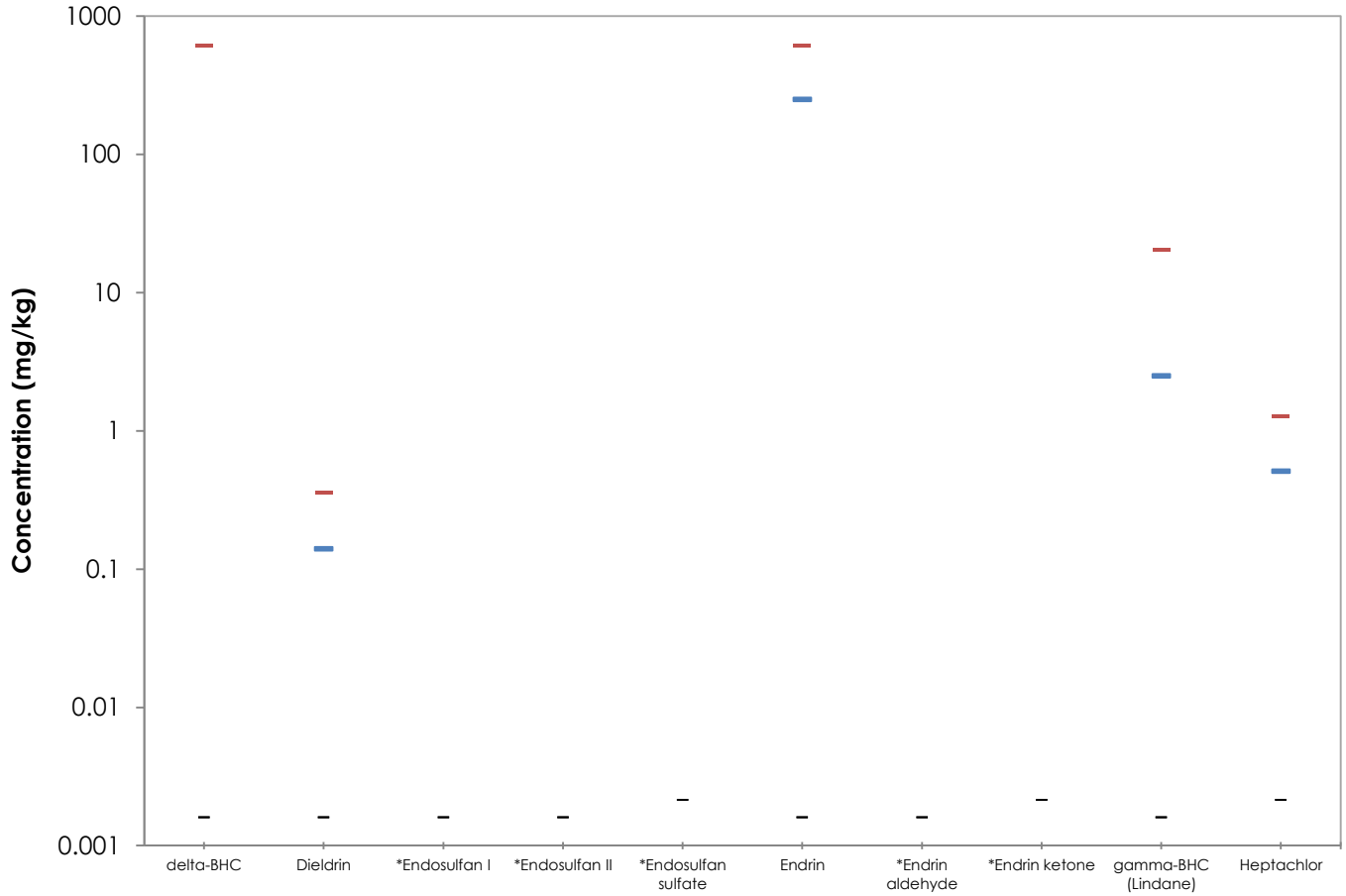
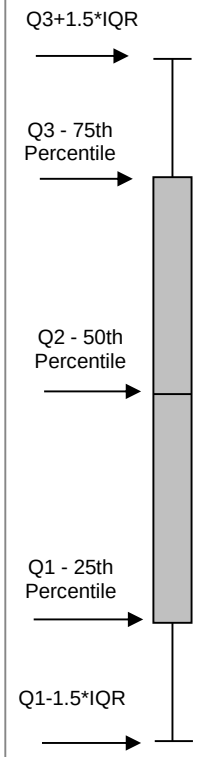
Figure B3-K

P:\PR\4\CA\WP\HW0989\[MDP14-03_DC8 DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - PESTICIDES
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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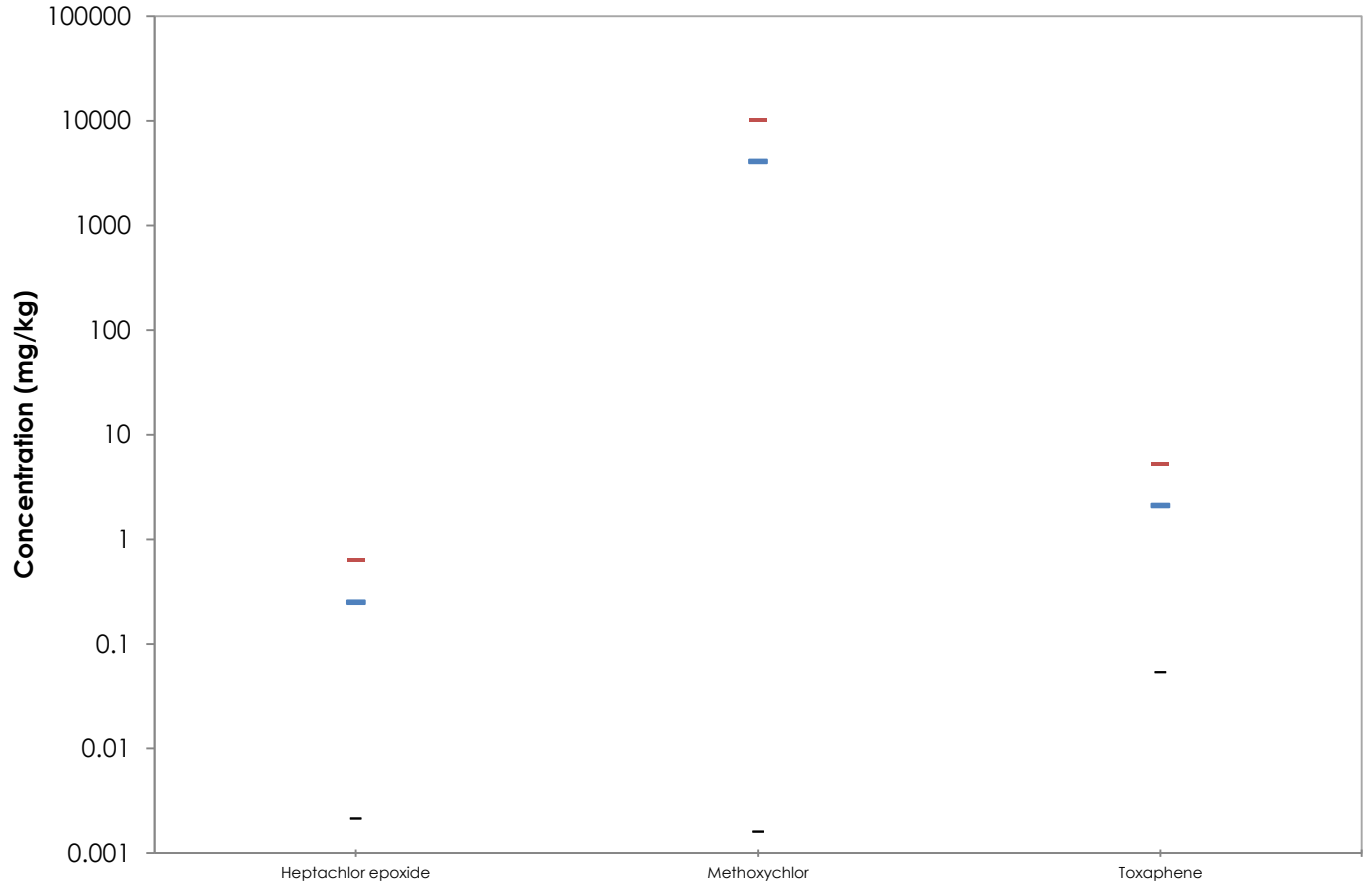
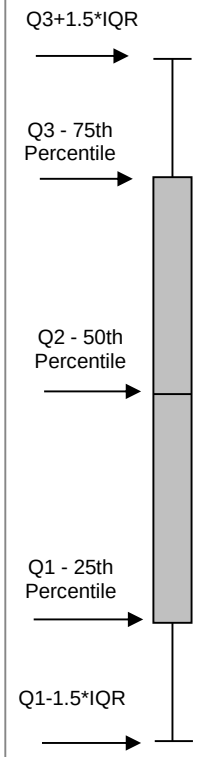
Figure B3-L

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots - PESTICIDES
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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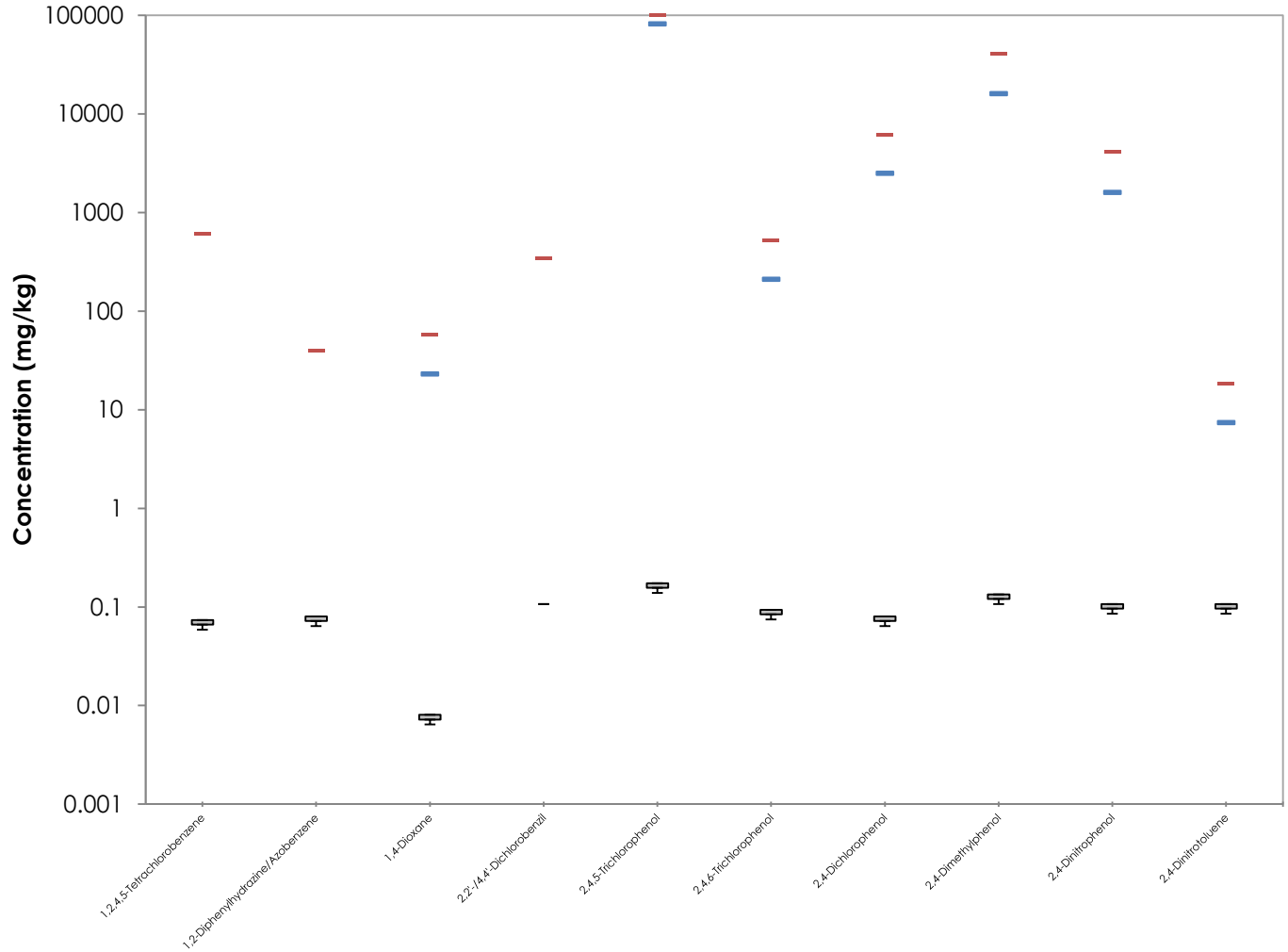
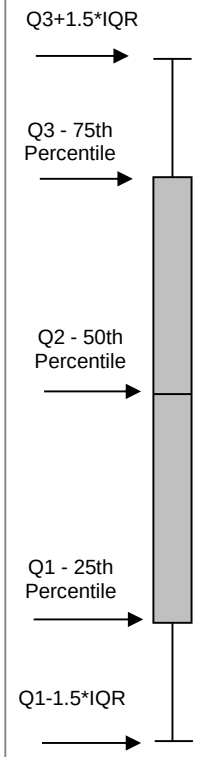
Figure B3-M

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
SEMI-VOLATILE ORGANIC COMPOUNDS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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Figure B3-N

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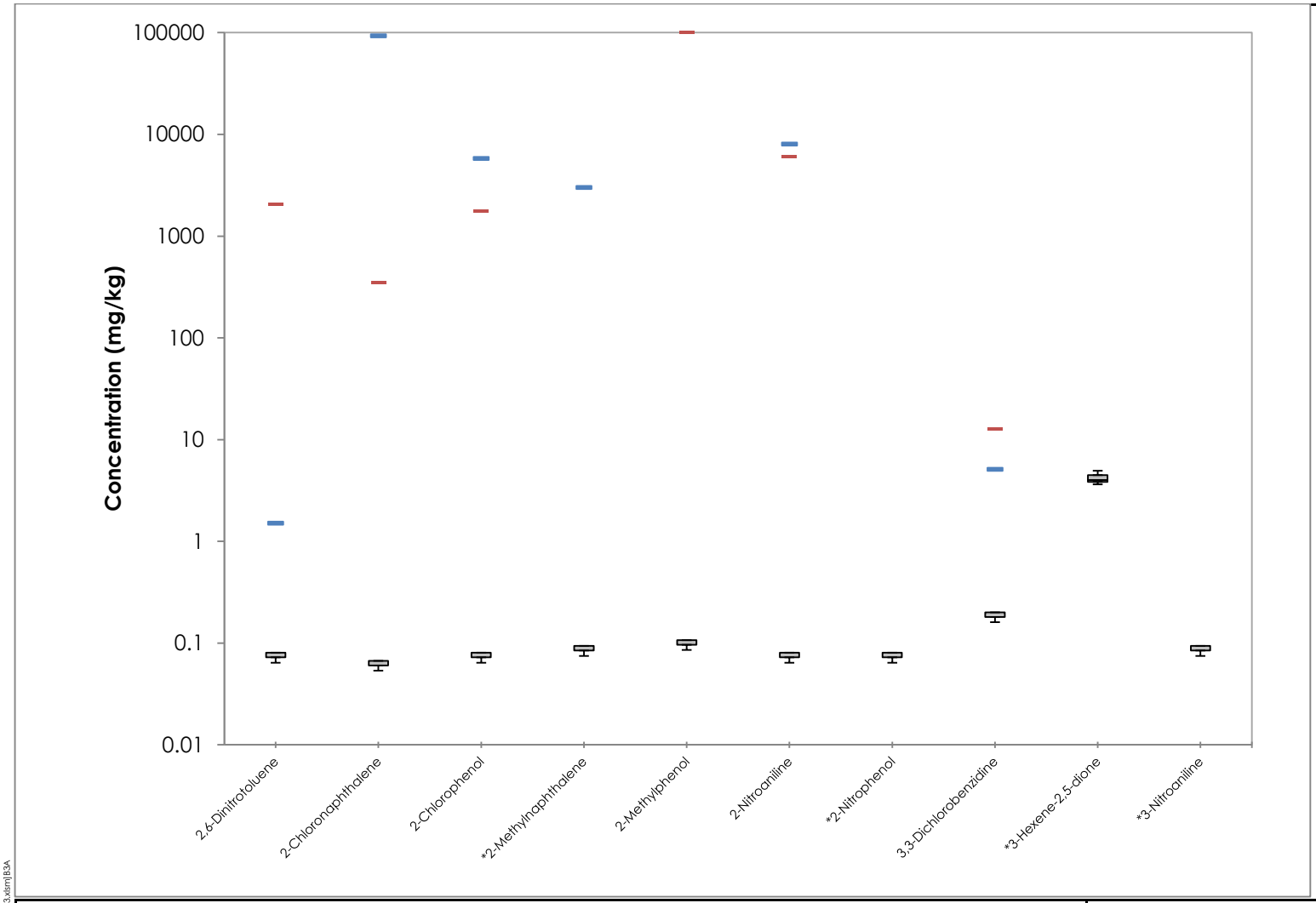
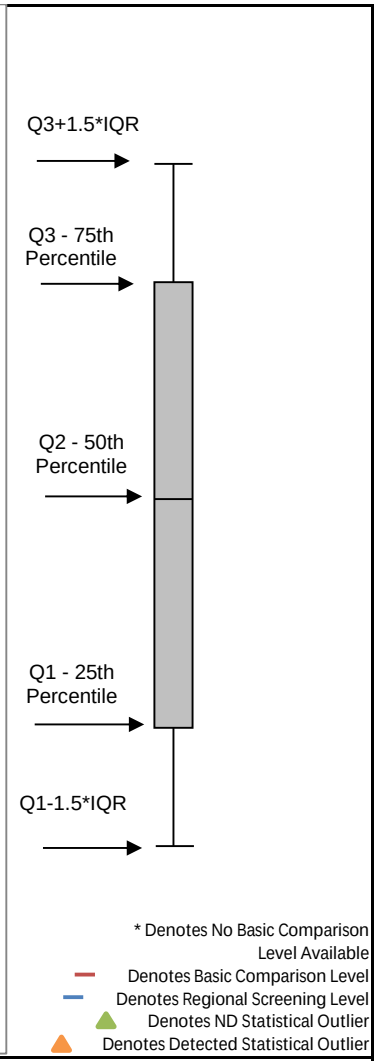
P:\PR\4\CA\WP\HW0989\[MDP14-03_DC8 DUE Figures B-3.xlsm]B3A





Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
SEMI-VOLATILE ORGANIC COMPOUNDS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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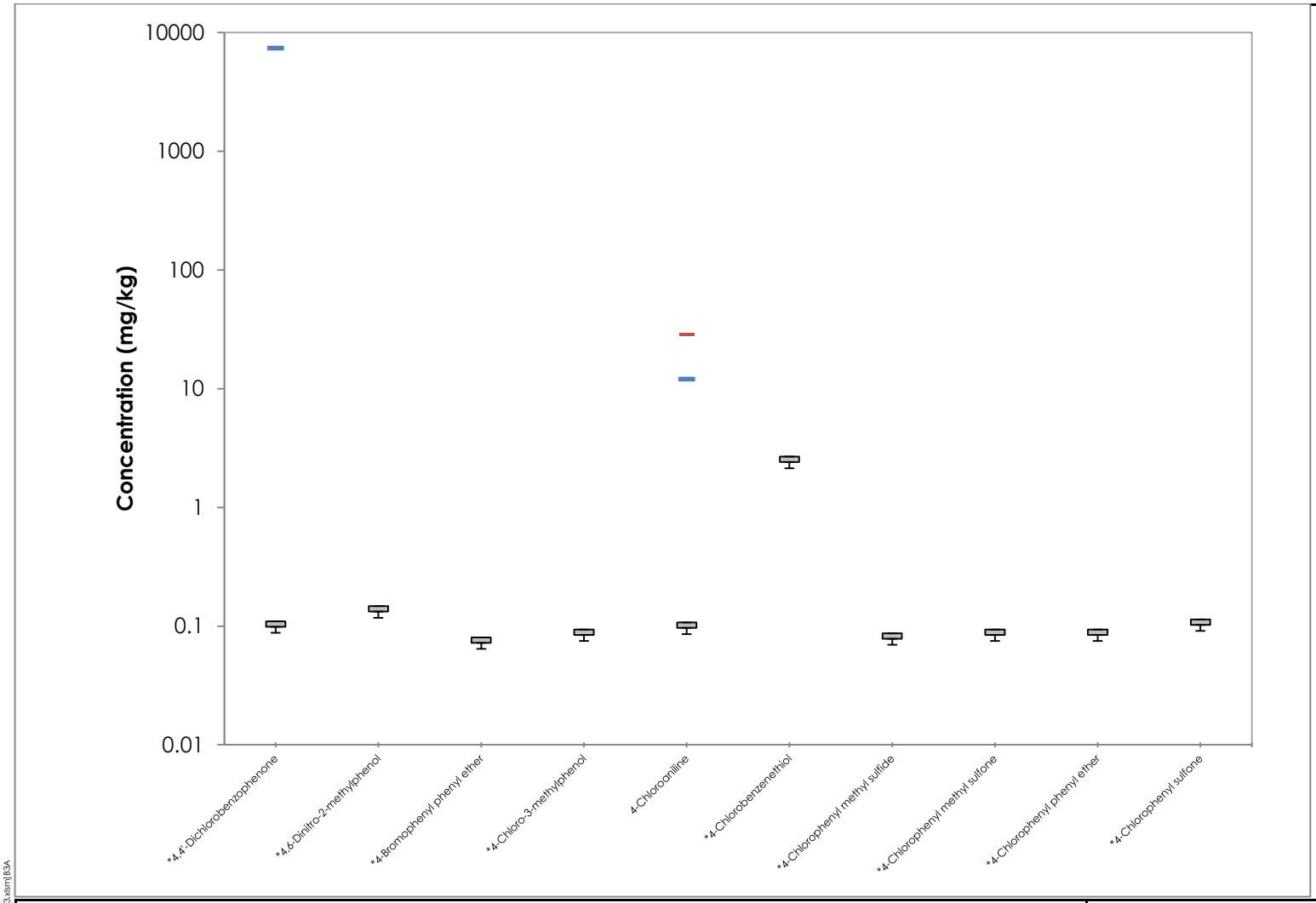
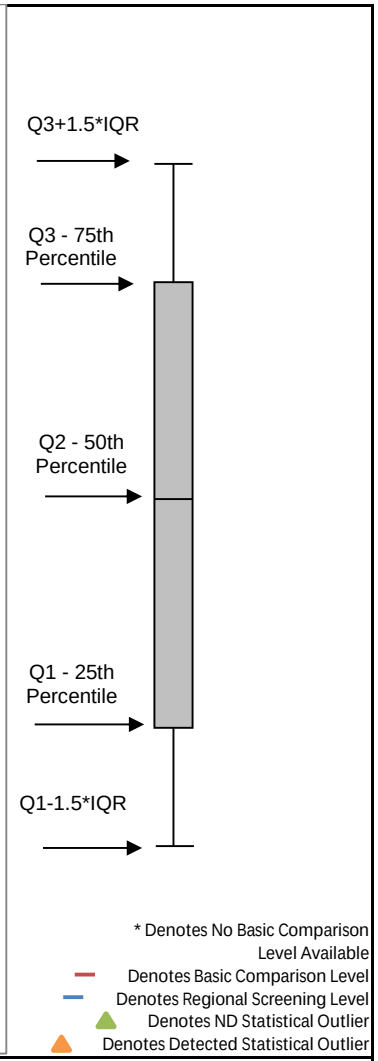
Figure B3-O

P:\PR\4\CA\WP\HW0989\[MDP14-03_DCB_DUE Figures B-3.xlsm]B3A





Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
SEMI-VOLATILE ORGANIC COMPOUNDS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Geosyntec consultants

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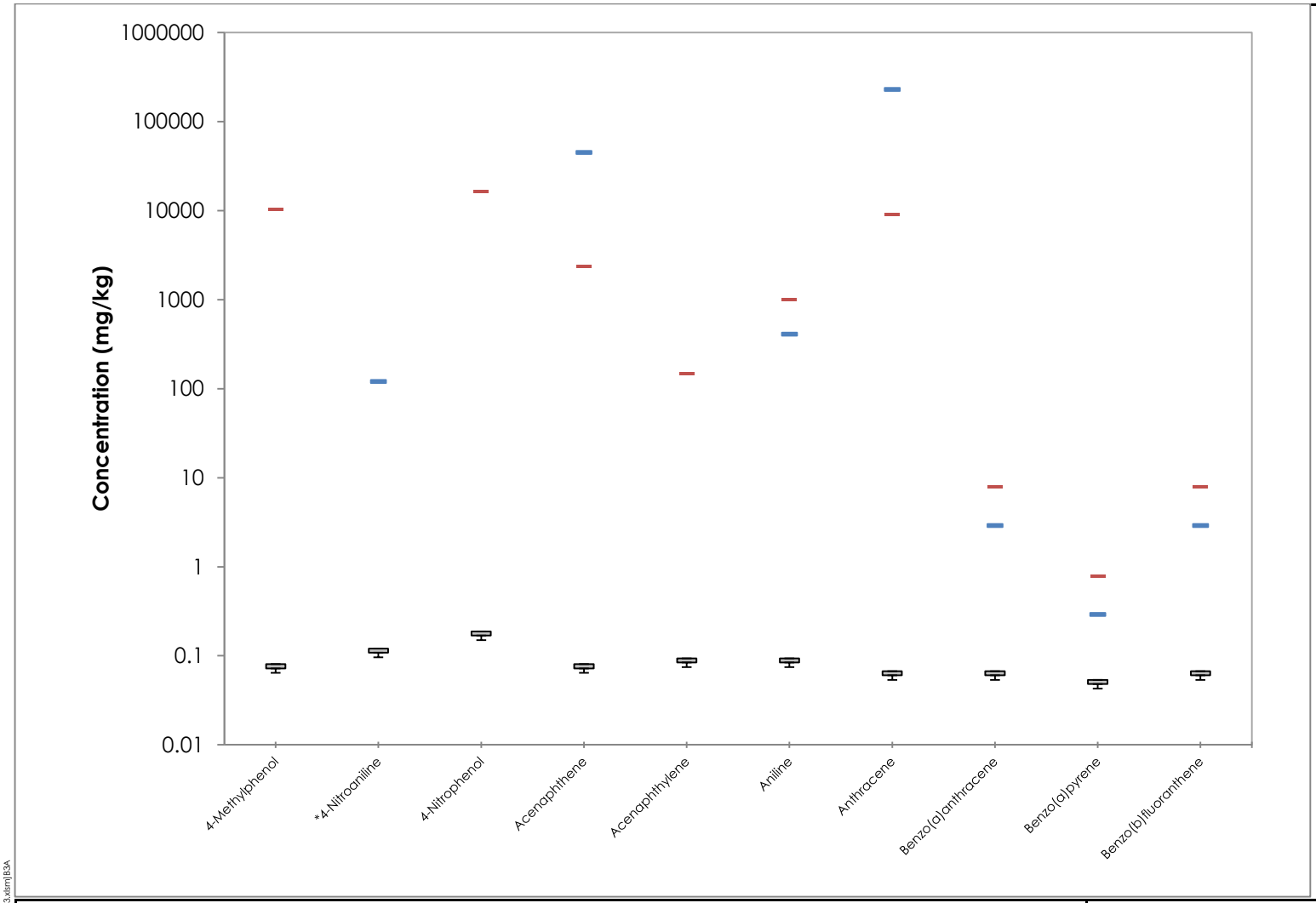
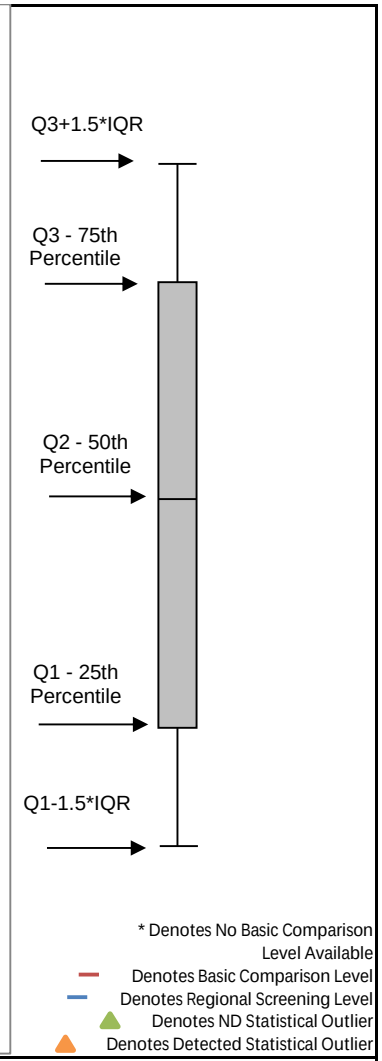
Figure B3-P

P:\PR\4\CA\WP\HW0989\[MDP14-03_DC8 DUE Figures B-3.xlsm]B3A





Notes:

mg/kg = milligrams per kilogram
ND = non-detect value
IQR = interquartile range equals the 3rd quartile (75th percentile) - 1st quartile (25th percentile)
Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
SEMI-VOLATILE ORGANIC COMPOUNDS
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

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Figure B3-Q

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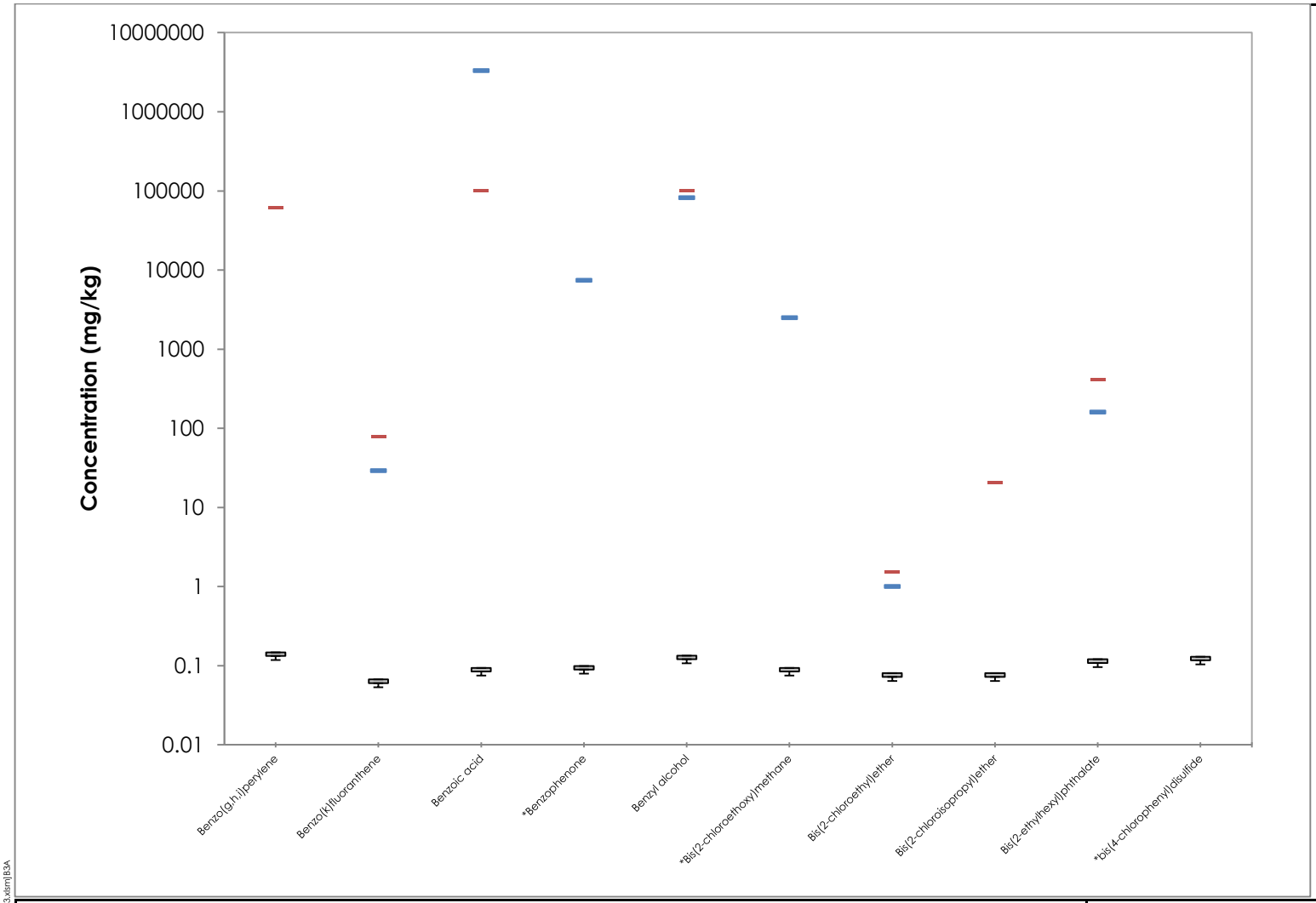

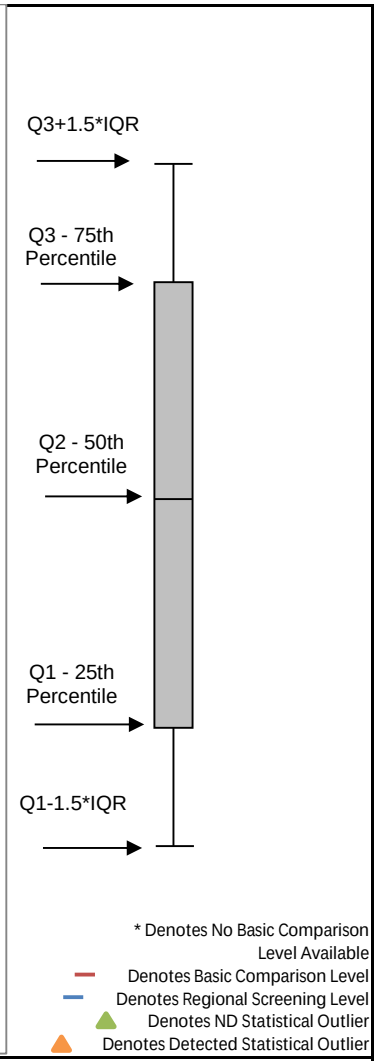

Notes:

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ND = non-detect value
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Sample Quantitation Limit is used for nondetects unless otherwise noted.

Soil Box and Whisker Plots -
SEMI-VOLATILE ORGANIC COMPOUNDS
Former Dichlorobenzil Warehouse Area
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Figure B3-R

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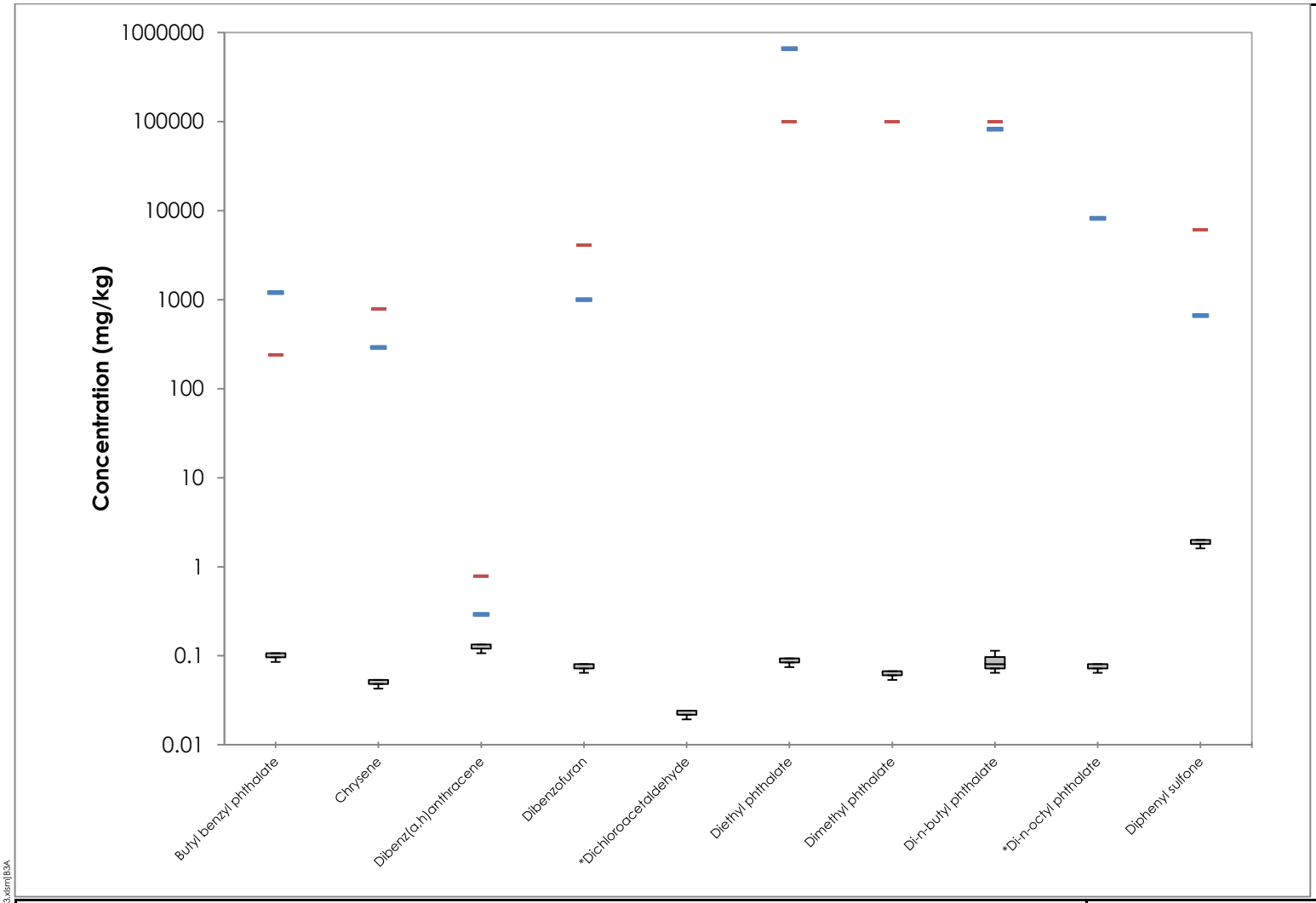

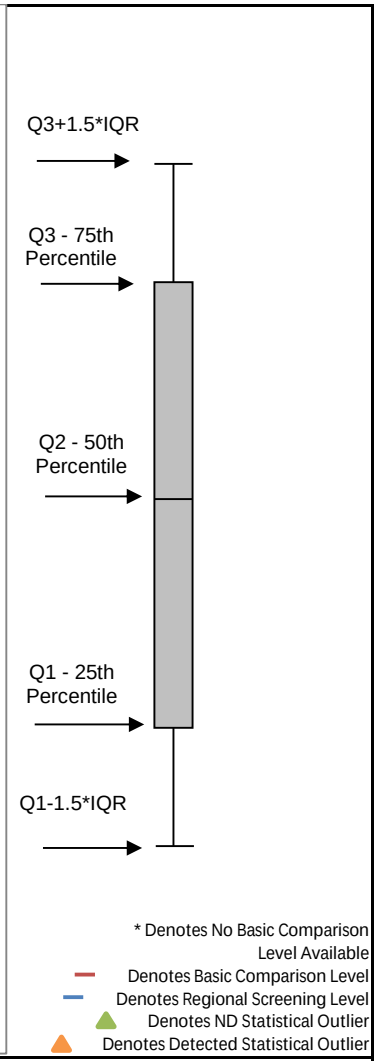

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Figure B3-S

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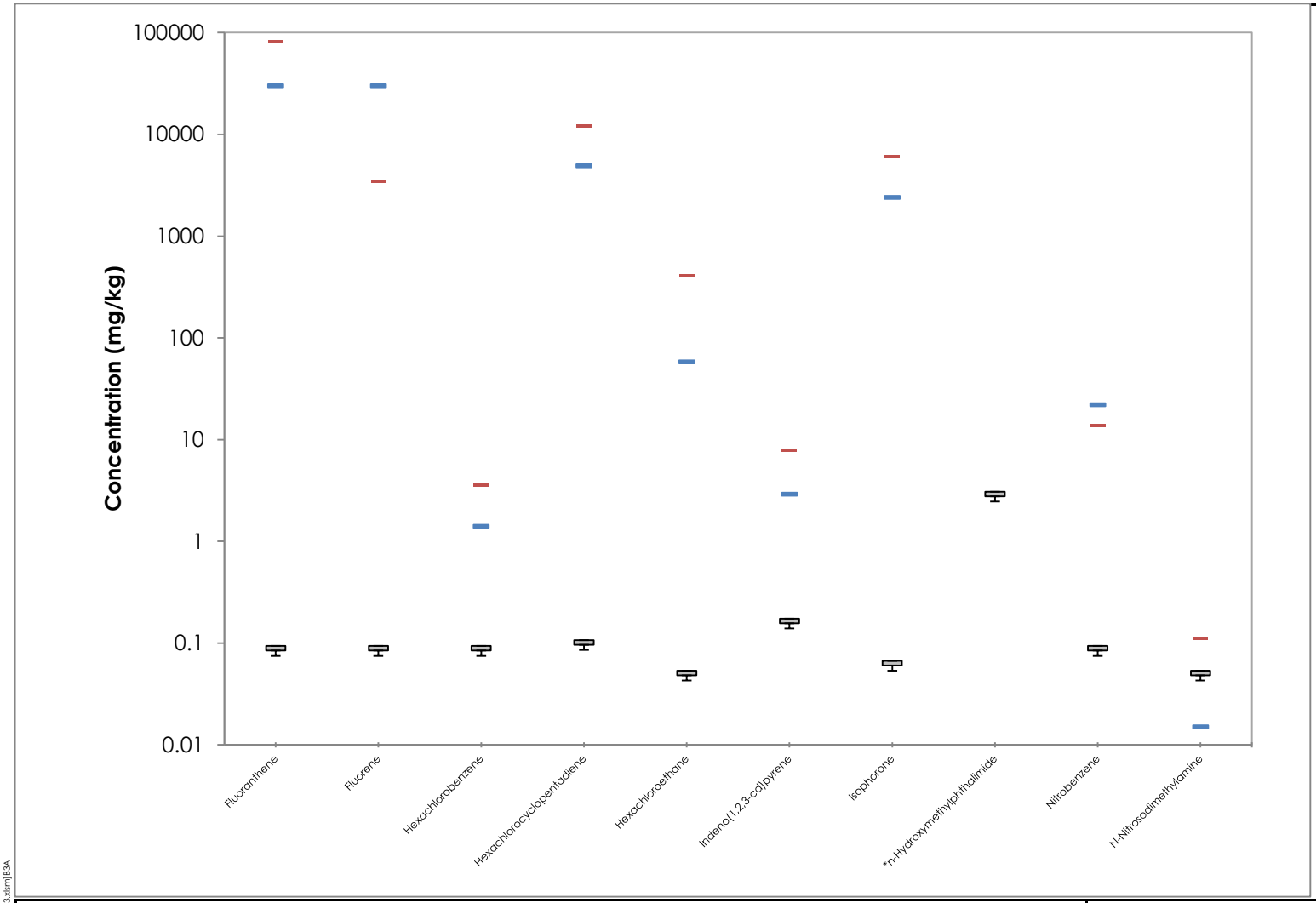

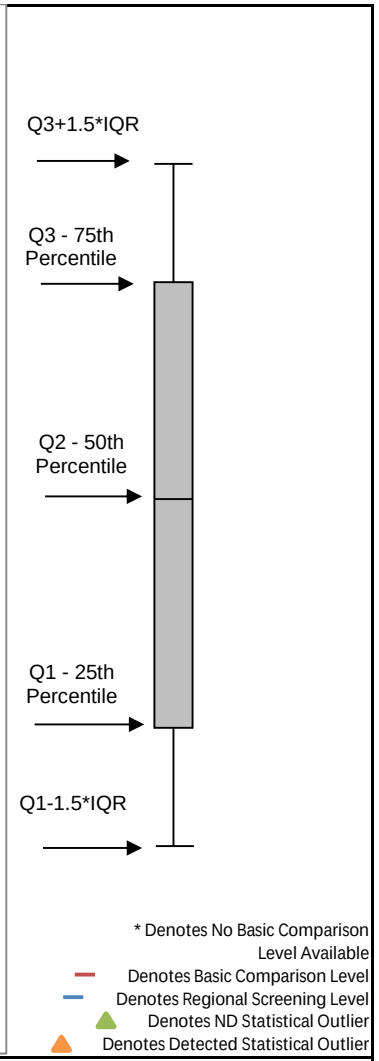

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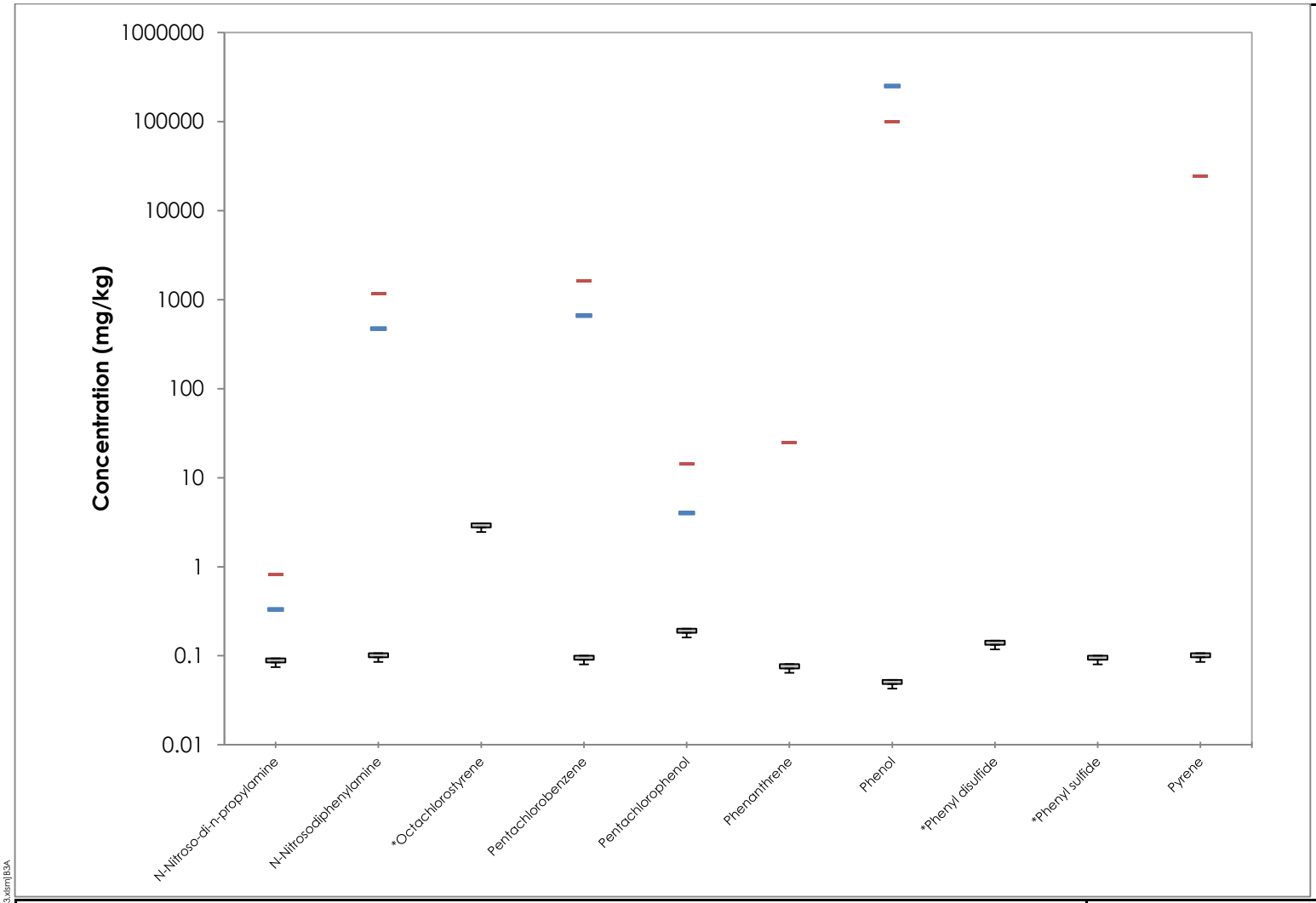
Figure B3-T

P:\PR\4\CA\WP\HW0989\[MDP14-03_DC8 DUE Figures B-3.xlsm]B3A



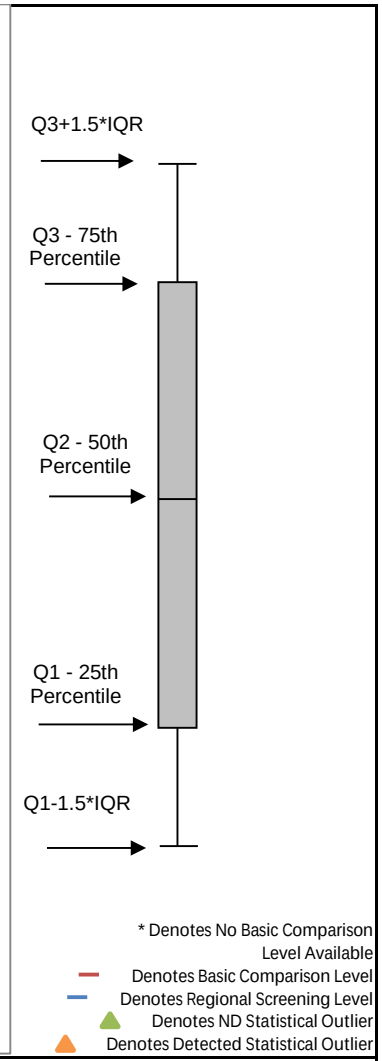


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Figure B3-U

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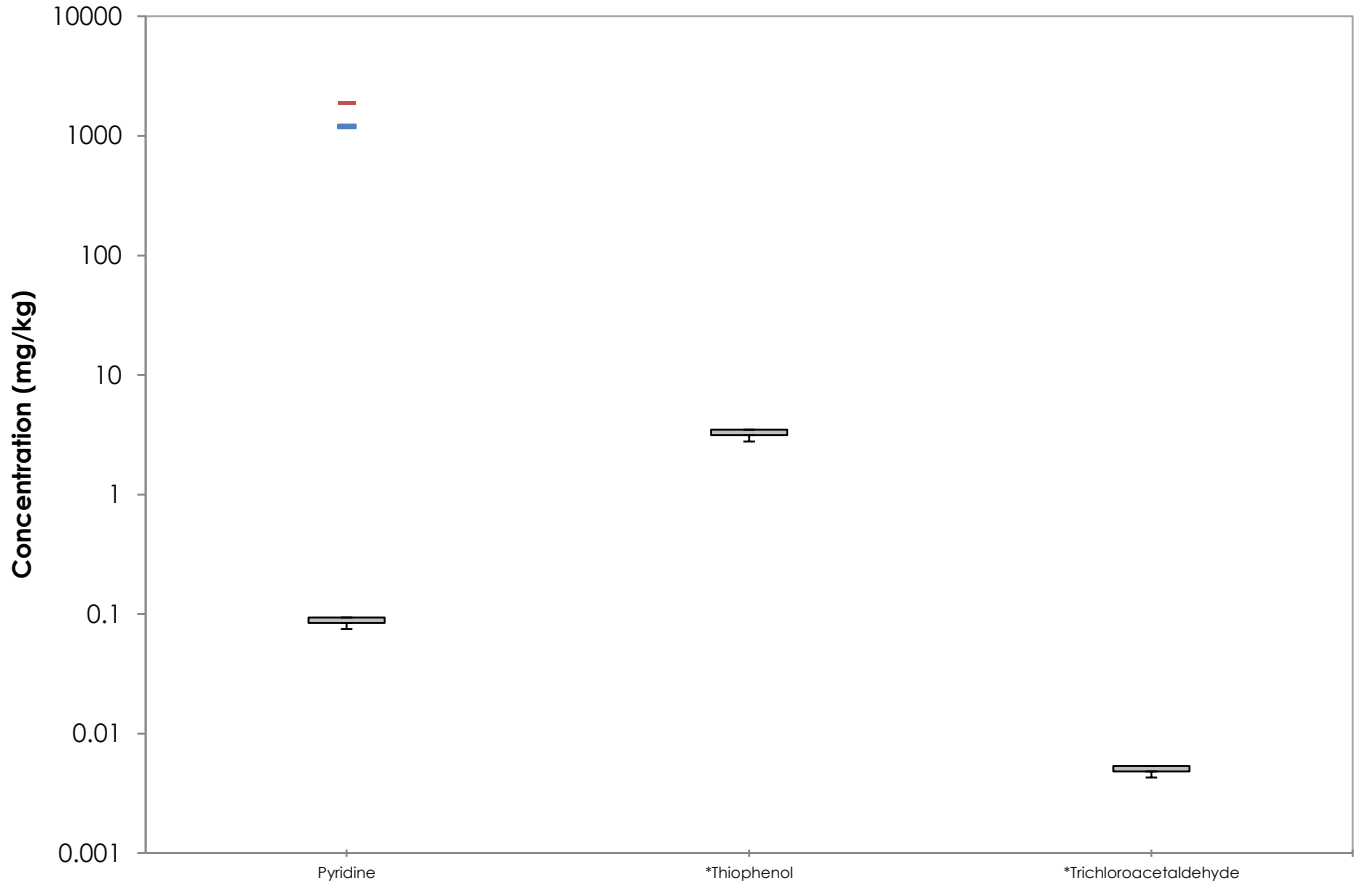

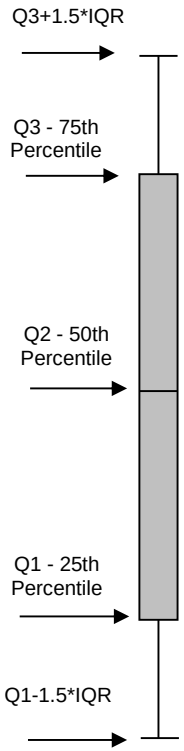

* Denotes No Basic Comparison Level Available
Denotes Basic Comparison Level
Denotes Regional Screening Level
Denotes ND Statistical Outlier
Denotes Detected Statistical Outlier

Notes:

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Figure B3-V

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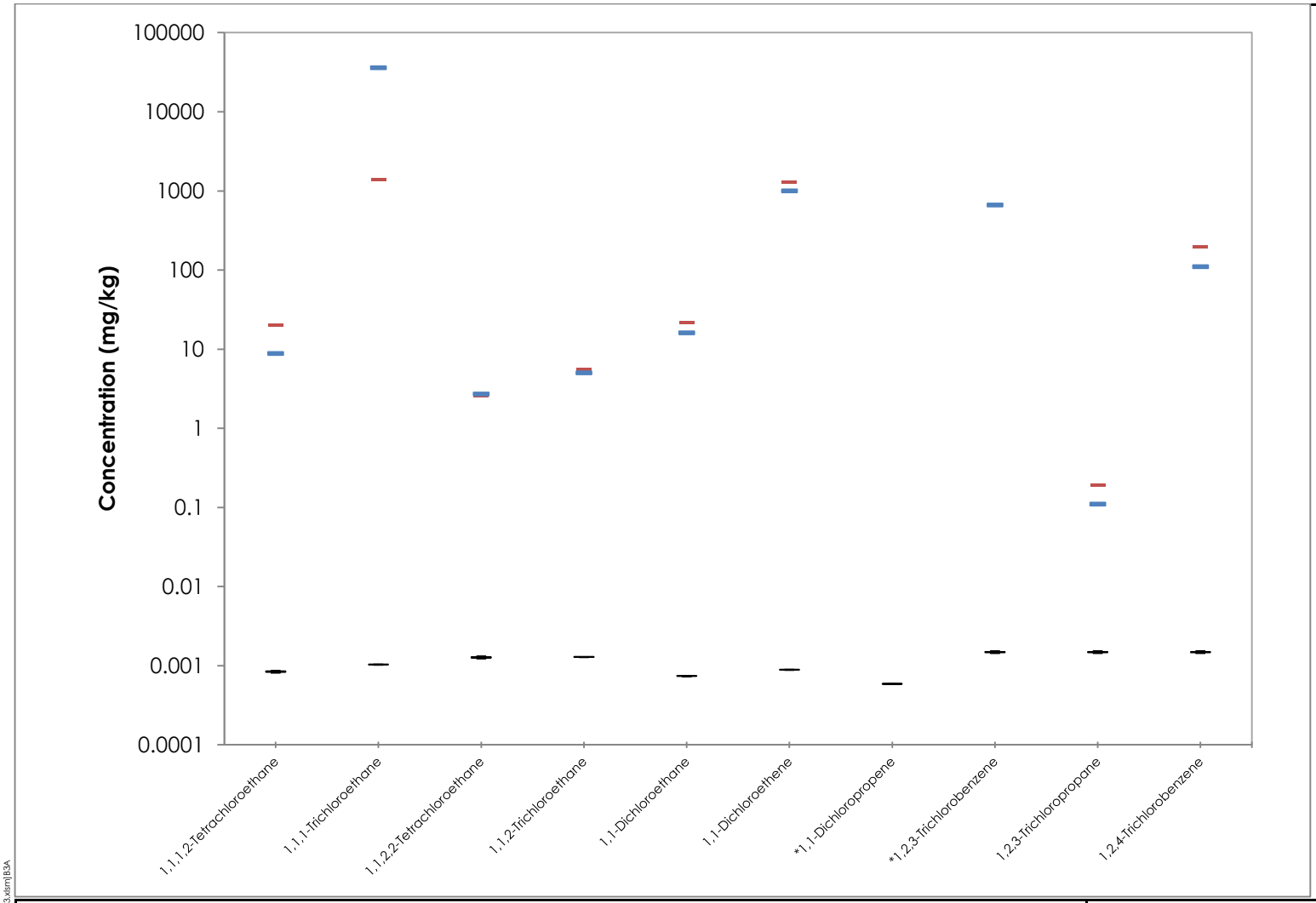

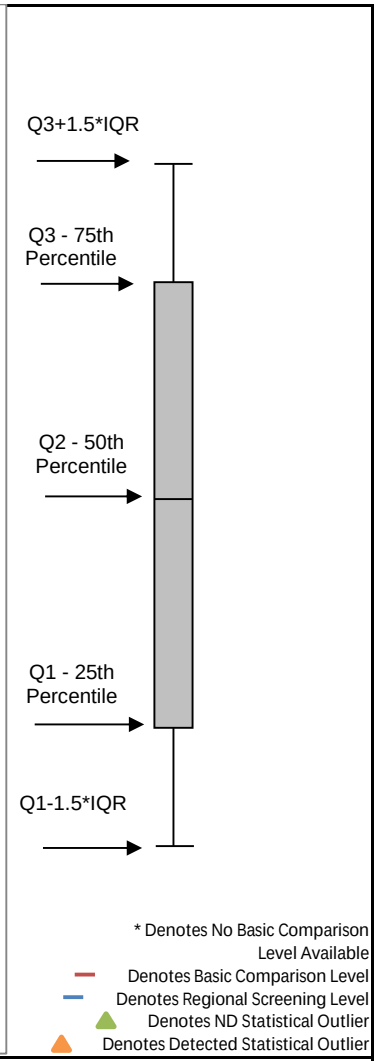

Notes:

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Figure B3-W

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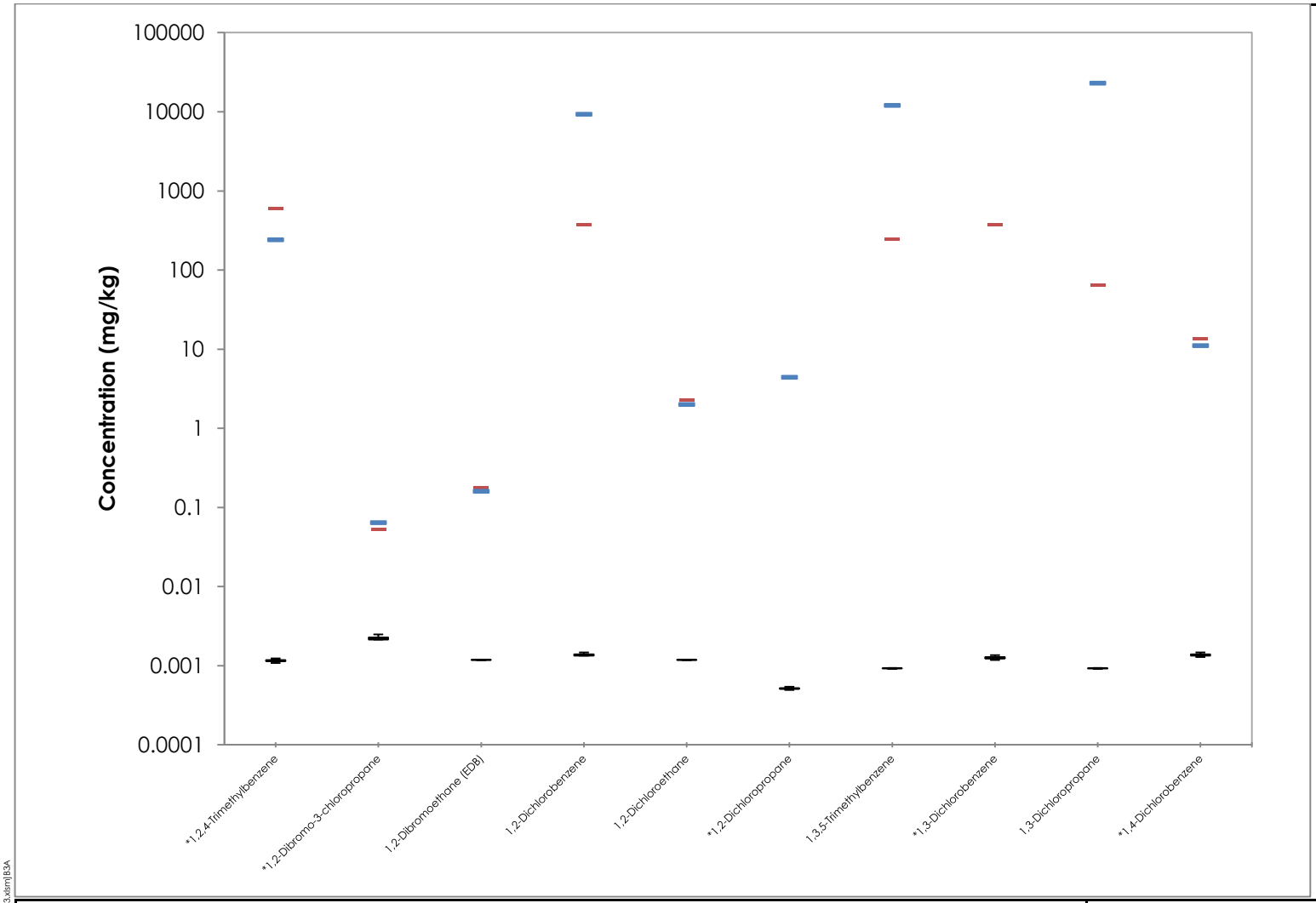

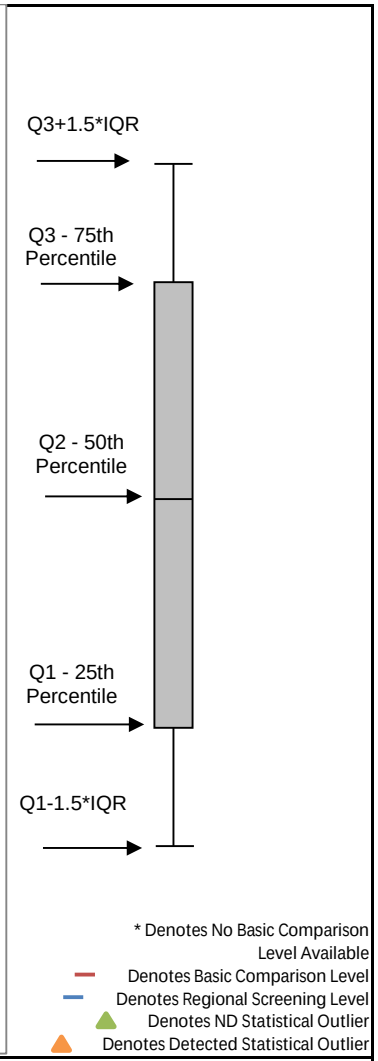

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Figure B3-X

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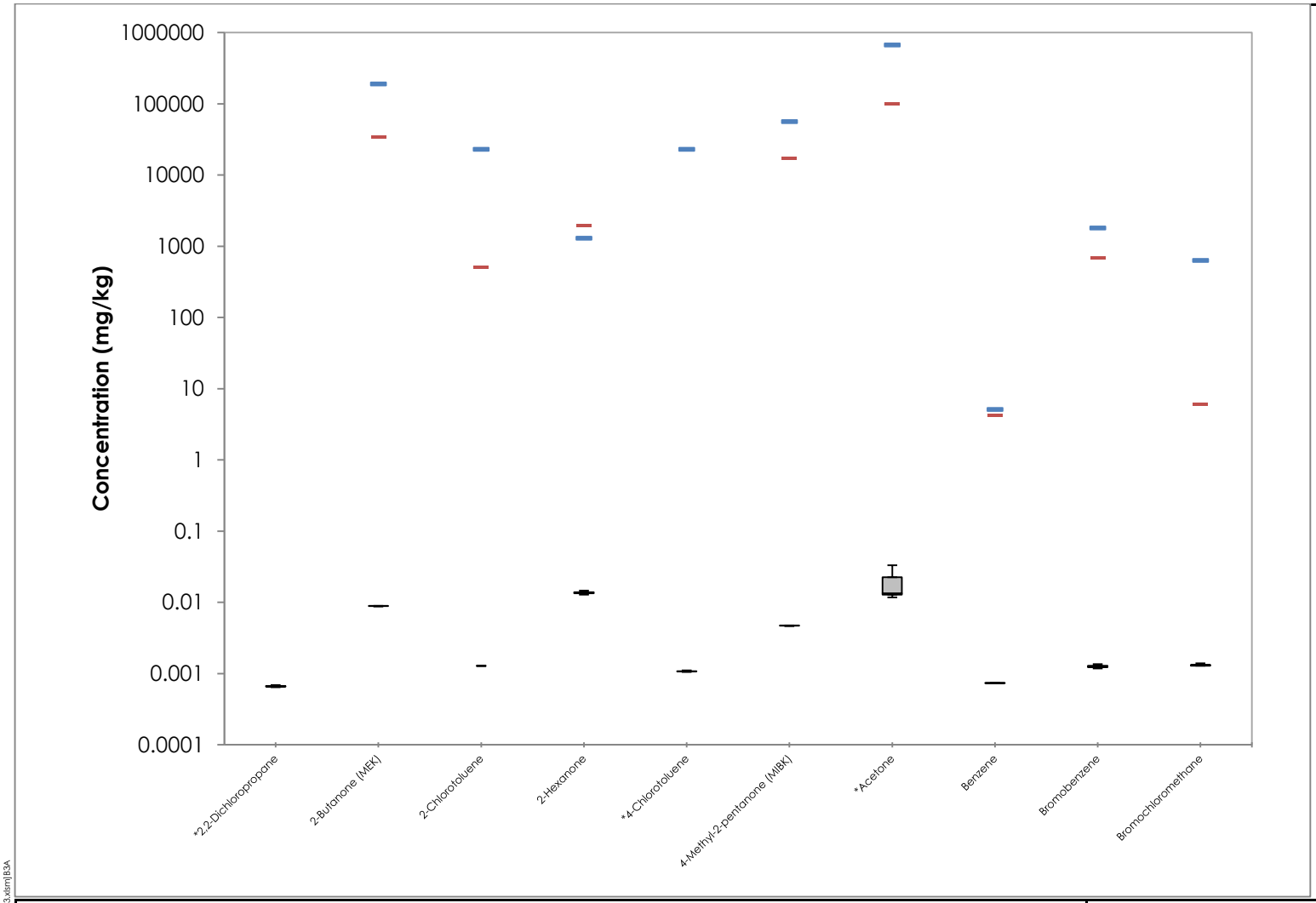

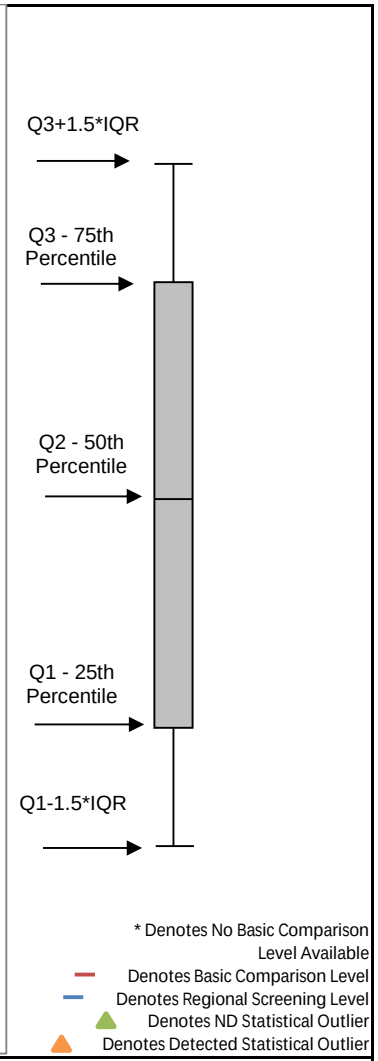

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Figure B3-Y

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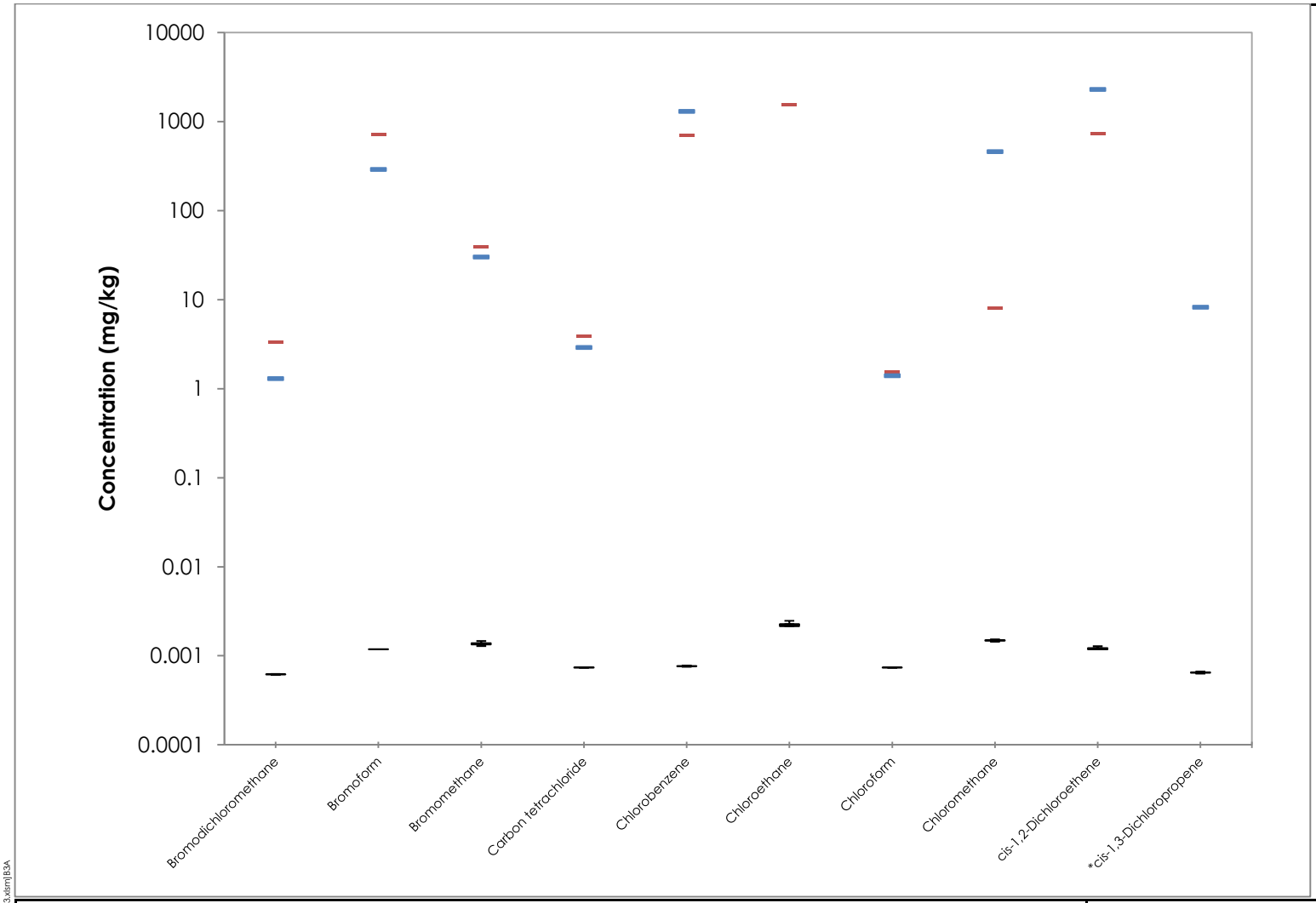

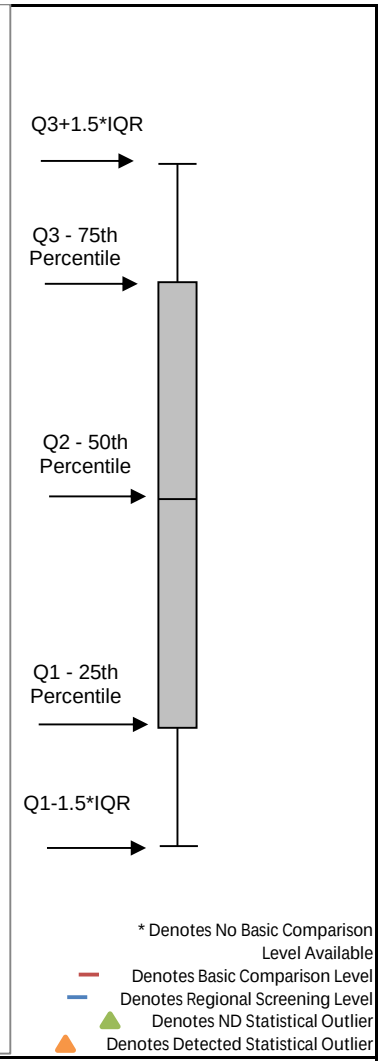

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Figure B3-Z

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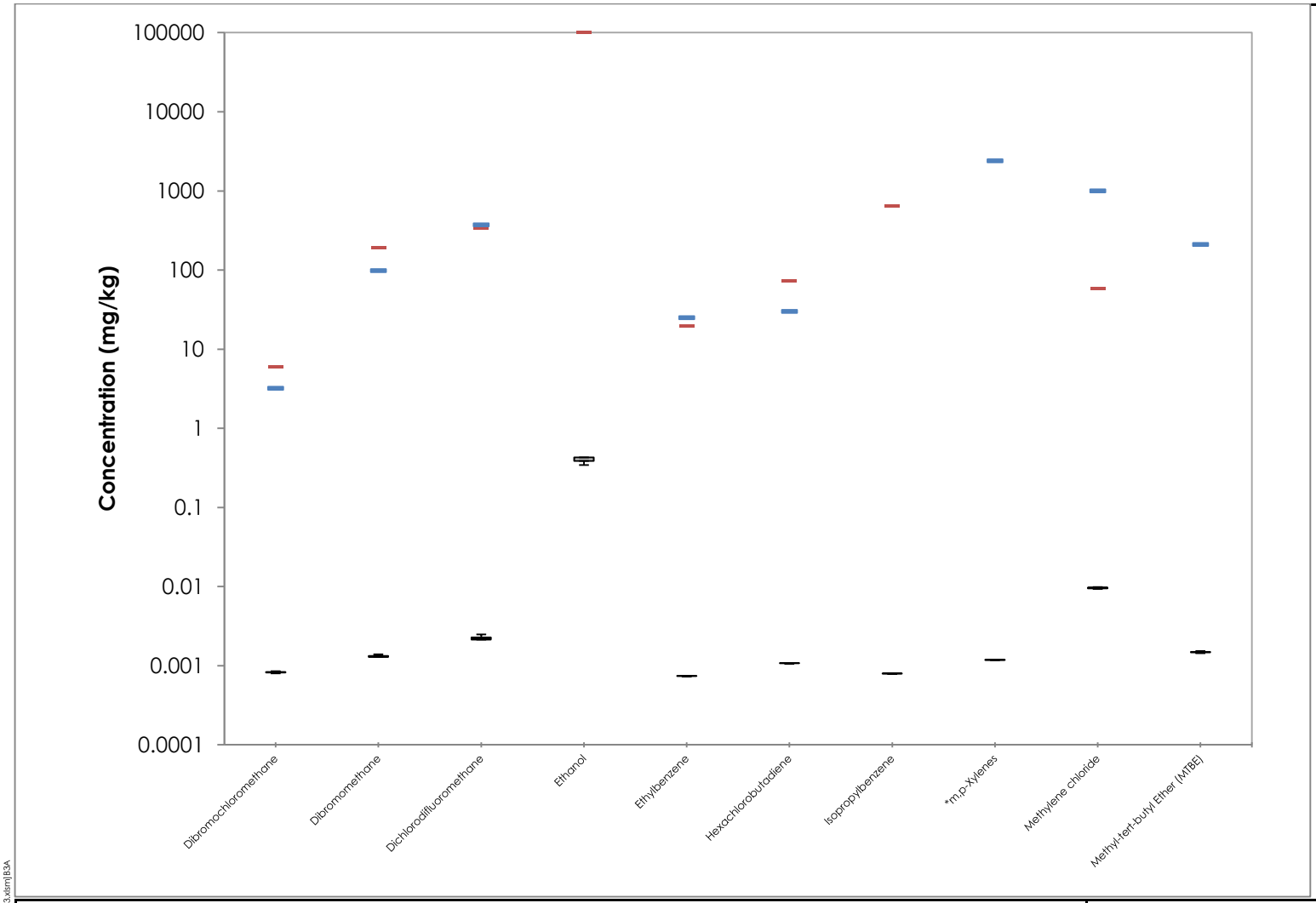

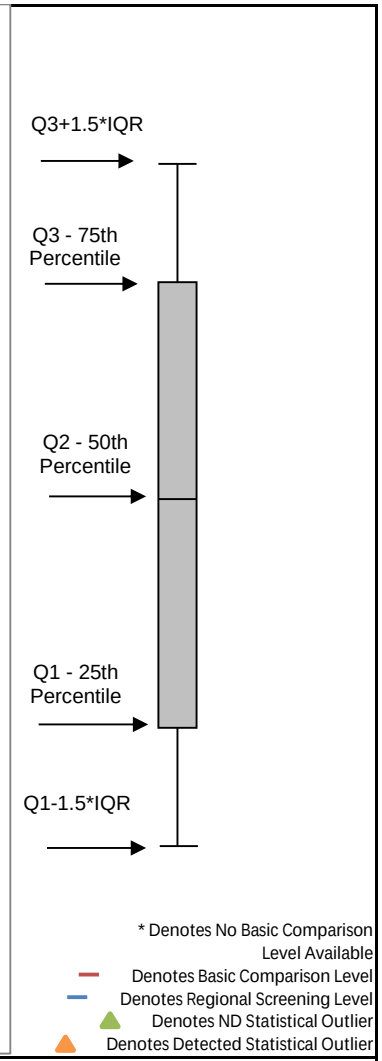

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Figure B3-AA

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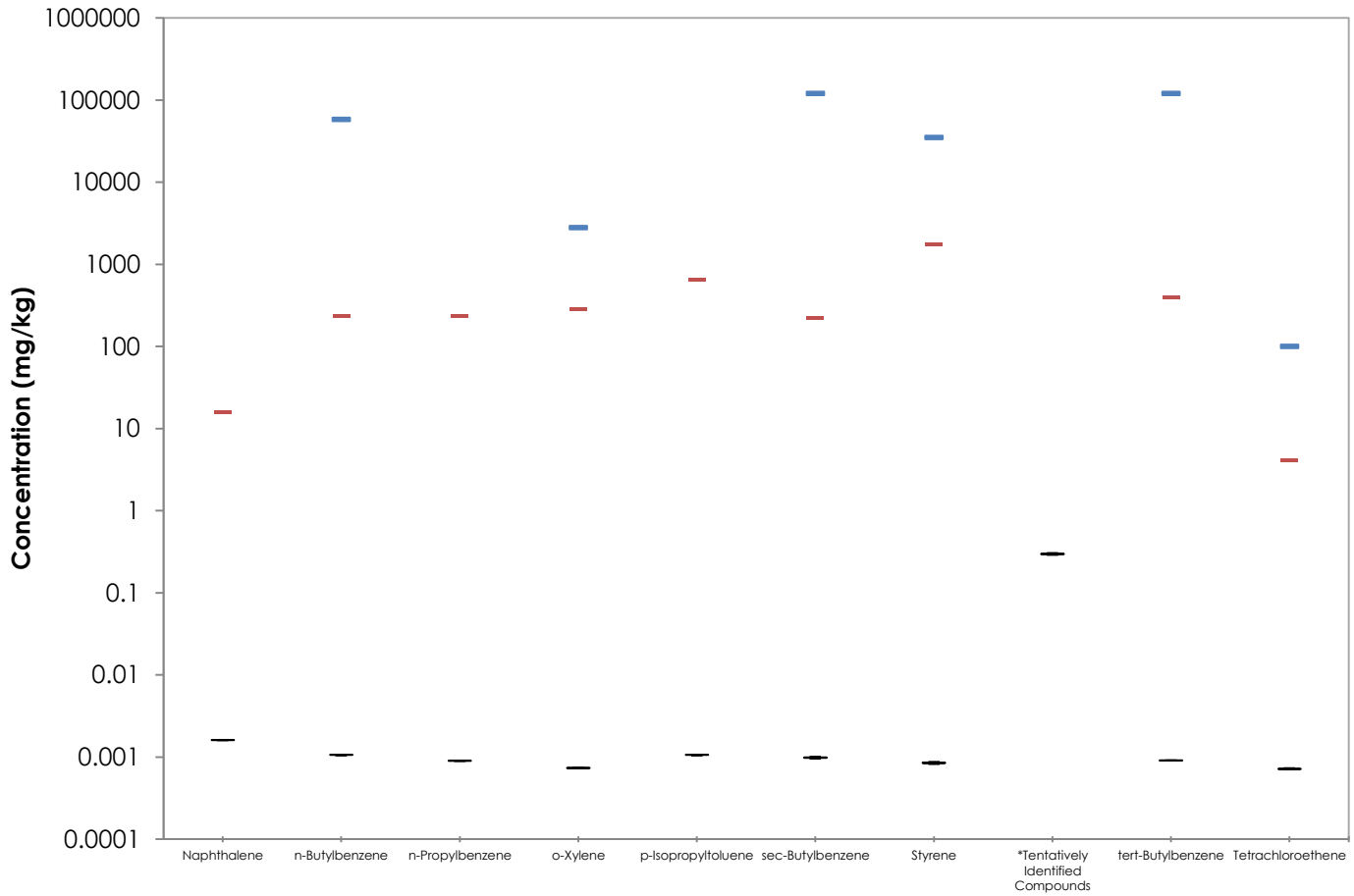

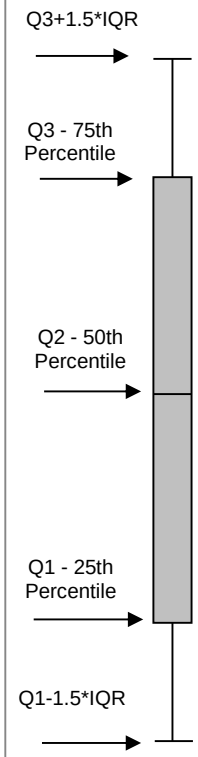

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Figure B3-AB

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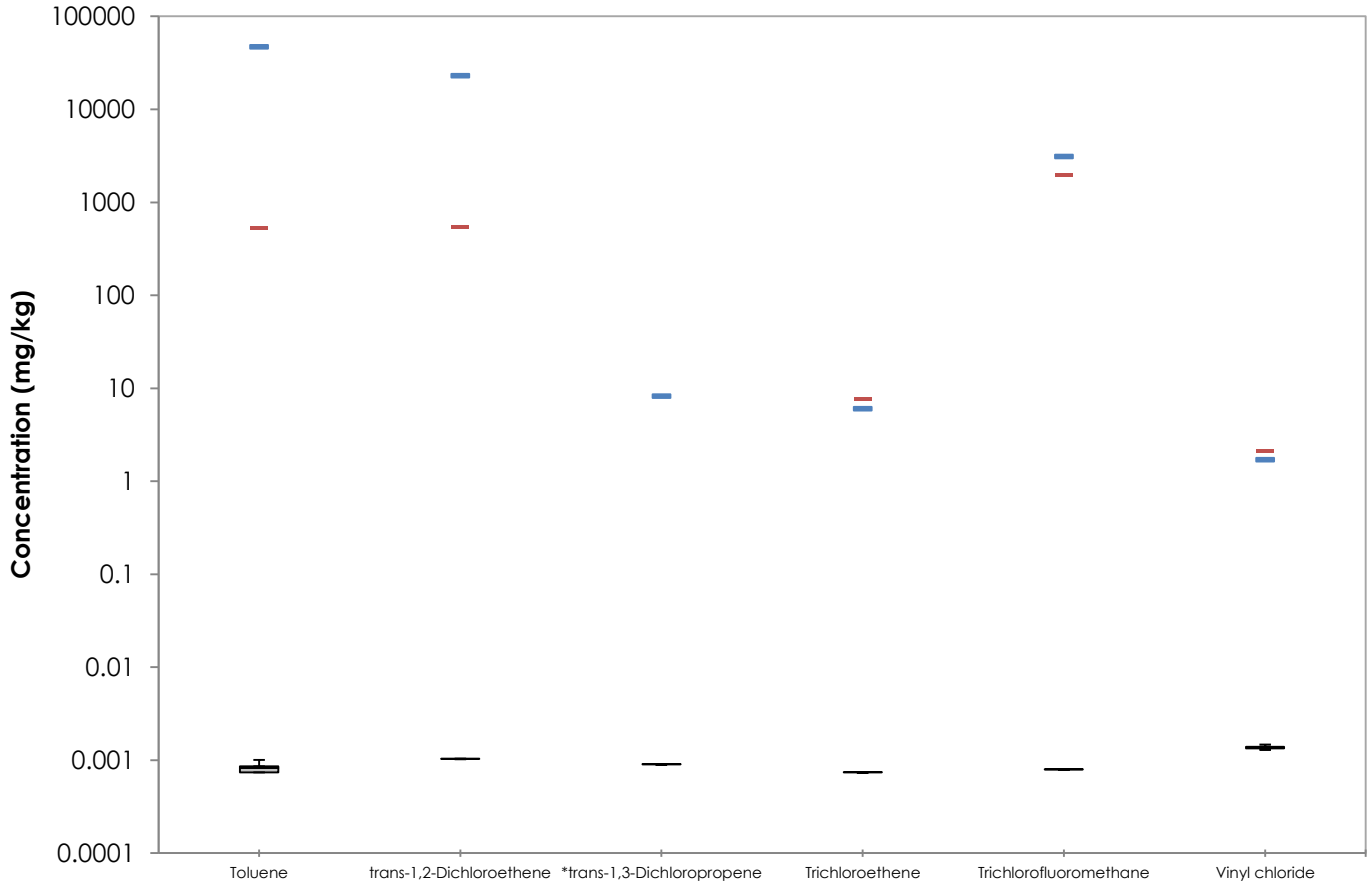

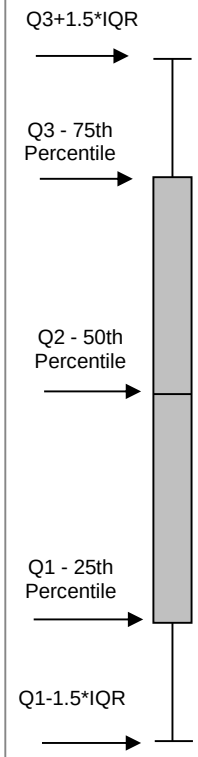

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Figure B3-AC

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APPENDIX C

DATA VALIDATION AND LABORATORY REPORTS – HARGIS

Data Validation Summary Report for the Supplemental Groundwater and Soil Investigation (732.30) Montrose Chemical Corporation of California Henderson, Nevada September 2006 through November 2006

Prepared for

Nevada Division of Environmental Protection
1771 E. Flamingo Road, Suite 121-A
Las Vegas, Nevada 89119-0837

Prepared by

Laboratory Data Consultants
7750 El Camino Real, Suite 2C
Carlsbad, California 92009

July 2, 2007

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LIST OF ACRONYMS AND ABBREVIATIONS

CLP	Contract Laboratory Program
DQO	Data Quality Objectives
DRO	Diesel Range Organics
DVSR	Data Validation Summary Report
EFH	Extractable Fuel Hydrocarbon
GRO	Gasoline Range Organics
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
LDC	Laboratory Data Consultants, Inc
MS/MSD	Matrix Spike / Matrix Spike Duplicate
NFG	National Functional Guidelines
ORO	Oil Range Organics
PARCC	Precision, Accuracy, Representativeness, Comparability, Completeness
PCB	Polychlorinated Biphenyl
PCDD	Polychlorinated Dioxins
PCDF	Polychlorinated Dibenzofurans
QA/QC	Quality Assurance / Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
SDG	Sample Delivery Group
SIM	Selected Ion Monitoring
SMC	Stauffer Management Company
SVOC	Semivolatile Organic Compound
ug/L	Micrograms per Liter
USEPA	United States Environmental Protection Agency
VFH	Volatile Fuel Hydrocarbon
VOC	Volatile Organic Compound
%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

1.0 INTRODUCTION

This data validation summary report (DVSR) has been prepared by Laboratory Data Consultants, Inc. (LDC) to assess the validity and usability of laboratory analytical data from the groundwater and soil characterization activities conducted at the Montrose Chemical Corporation of California site (Montrose Site) in Henderson, Nevada. The groundwater and soil investigation was performed by Hargis + Associates, Inc. as part of the *Supplemental Groundwater Investigation Work Plan* (August 31, 2006) and the *Supplemental Soil Investigation Work Plan* (August 30, 2006) and included the collection and analyses of 224 soil and water samples. The analyses were performed by the following methods:

Volatile Organic Compounds (VOCs) by EPA SW 846 Method 8260B
Semivolatile Organic Compounds (SVOCs) by EPA SW 846 Method 8270C
1,4-Dioxane by EPA SW 846 Method 8270C
Chloroacetaldehydes by EPA SW 846 Method 8270C-SIM
Chlorinated Pesticides by EPA SW 846 Method 8081A
Polychlorinated Biphenyls (PCBs) by EPA SW 846 Method 8082
Polychlorinated Dioxins and Dibenzofurans (PCDDs/PCDFs) by EPA SW 846 Method 8290
PCBs as Congeners by EPA Method 1668A
Gasoline Range Organics (GRO) by EPA SW 846 Method 8015B
Extractable Fuel Hydrocarbons (EFH) by EPA SW 846 Method 8015B
Ethanol by EPA SW 846 Method 8015B
Aldehydes by EPA SW 846 Method 8315A
White Phosphorus by EPA Method 7580
Organic Acids by HPLC Method
Metals by EPA SW 846 Method 6010B/6020/7470A/7471A

Wet Chemistry:
Ammonia as Nitrogen by EPA Method 350.3
Phosphorus by EPA Method 365.3
Alkalinity by Standard Method 2320B
Hexavalent Chromium by EPA SW 846 Method 7199
Cyanide by EPA SW 846 Method 9014
pH by EPA Method SW 846 9040B/9045C
Bromide, Chloride, Fluoride, Nitrate as Nitrogen, Nitrate as Nitrogen, Orthophosphate as Phosphorus and Sulfate by EPA SW 846 Method 9056

Analytical services were provided by Test America, Inc., Maxxam Analytics, Inc., Alpha Analytical, Inc. and DataChem Laboratories. The samples were grouped into sample delivery groups (SDGs) of up to 20 field samples received by each laboratory. The environmental samples are associated with QA/QC samples designed to document the data quality of the entire SDG or a sub-group of samples within an SDG. Tables IA and IB are cross-reference tables listing each sample, analysis, SDG, collection date, laboratory sample number, and matrix. All shaded samples in Tables IA and IB were reviewed under EPA Level IV guidelines.

Approximately twenty percent of the analytical data were validated according to EPA Level IV data validation procedures and eighty percent of the analytical data were validated according to EPA Level III data validation procedures. The analytical data were evaluated for quality assurance and quality control (QA/QC) based on the following documents: *Quality Assurance Project Plan Site-wide Soil and Groundwater Investigations Former Montrose and Stauffer Sites, Henderson, Nevada (*QAPP), Revision 1.0, October 26, 2006, *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999, *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, October 2004, *Contract Laboratory Program National Functional Guidelines for Chlorinated Dioxin and Dibenzofuran Data Review*, September 2005, and the *EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste,* update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996*.*

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness, and comparability (PARCC) relative to the project data quality objectives (DQOs). This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability.

The PARCC summary report evaluates and summarizes the results of QA/QC data validation for the entire sampling program. Each analytical fraction has a separate section for each of the PARCC criteria. These sections interpret specific QC deviations and their effects on both individual data points and the analyses as a whole. Section 19.0 presents a summary of the PARCC criteria by comparing quantitative parameters with acceptability criteria defined in the project DQO's. Qualitative PARCC criteria are also summarized in this section.

Precision and Accuracy of Environmental Data

Environmental data quality depends on sample collection procedures, analytical methods and instrumentation, documentation, and sample matrix properties. Both sampling procedures and laboratory analyses contain potential sources of uncertainty, error, and/or bias, which affect the overall quality of a measurement. Errors for sample data may result from incomplete equipment decontamination, inappropriate sampling techniques, sample heterogeneity, improper filtering, and improper preservation. The accuracy of analytical results is dependent on selecting appropriate analytical methods, maintaining equipment properly, and complying with QC requirements. The sample matrix also is an important factor in the ability to obtain precise and accurate results within a given media.

Environmental and laboratory QA/QC samples assess the effects of sampling procedures and evaluate laboratory contamination, laboratory performance, and matrix effects. QA/QC samples include: trip blanks, equipment blanks, field duplicates, method blanks, laboratory control samples and laboratory control sample duplicates (LCS/LCSDs), surrogate spikes, matrix spike/matrix spike duplicates (MS/MSDs), and laboratory duplicates.

Before conducting the PARCC evaluation, the analytical data were validated according to the Quality Assurance Project Plan (October 2006), the Functional Guidelines for Organic Data Review (USEPA 1999), Inorganic Data Review (USEPA 2004) and Chlorinated Dioxin and Dibenzofuran Review (USEPA 2005) and EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste. Samples not meeting the acceptance criteria were qualified with a flag, an abbreviation indicating a deficiency with the data. The following are flags used in data validation.

J- Estimated The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise.

J+ Estimated The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise.

J Estimated The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

NJ Presumptive/Estimated The analysis indicates the presence of the analyte for which there is presumptive evidence and the associated numerical value is an estimated quantity.

R Rejected The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte.

U Nondetected Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result detected in an environmental sample at a concentration less than 10 times the value of the concentration in any associated blank for common laboratory contaminants and less than 5 times the concentration in any associated blank for all other contaminants.

UJ Estimated/Nondetected Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

Once the data were reviewed and qualified according to the QAPP and the functional guidelines, the data set was then evaluated using PARCC criteria. PARCC criteria provide an evaluation of overall data usability. The following is a discussion of PARCC criteria as related to the project DQOs.

Precision is a measure of the agreement or reproducibility of analytical results under a given set of conditions. It is a quantity that cannot be measured directly but is calculated from percent recovery data. Precision is expressed as the relative percent difference (RPD):

$$RPD = (D1-D2)/\{1/2(D1+D2)\} \times 100$$

Where D1 and D2 are the reported concentrations for sample and duplicate analyses. Precision is primarily assessed by calculating an RPD from the percent recoveries of the spiked compounds for each sample in the MS/MSD pair. In the absence of an MS/MSD pair, a laboratory duplicate or LCS/LCSD pair can be analyzed as an alternative means of assessing precision. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. An additional measure of sampling precision was obtained by collecting and analyzing field duplicate samples, which were compared using the RPD result as the evaluation criteria.

MS and MSD samples are field samples spiked by the laboratory with target analytes prior to preparation and analysis. These samples measure the overall efficiency of the analytical method in recovering target analytes from an environmental matrix. A LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. Non-aqueous LCSs are prepared using solid media approved by the American Society for Testing and Materials (ASTM) for their homogeneity. The LCS measures laboratory efficiency in recovering target analytes from either a solid or aqueous matrix in the absence of matrix interferences.

For inorganics analysis, one primary sample is analyzed and accompanied by an unspiked laboratory duplicate. The data reviewer compares the reported results of the primary analysis and the laboratory duplicate, then calculates RPDs, which are used to assess laboratory precision.

Laboratory and field sampling precision are further evaluated by calculating RPDs for aqueous field sample duplicate pairs. The sampler collects two field samples at the same location and under identically controlled conditions. The laboratory then analyzes the samples under identical conditions.

An RPD outside the numerical QC limit in either MS/MSD samples or LCS/LCSD indicates imprecision. Imprecision is the variance in the consistency with which the laboratory arrives at a particular reported result. Thus, the actual analyte concentration may be higher or lower than the reported result.

Possible causes of poor precision include sample matrix interference, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results maybe reported in either the primary or duplicate samples at levels below the reporting limit or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and samples containing surrogate spikes. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Surrogate spikes are either isotopically labeled compounds or compounds that are not typically detected in the samples. Surrogate spikes are added to every blank, environmental sample, LCS, MS/MSD, and standard, for the organic analyses. Accuracy of inorganic analyses is determined using the percent recoveries of MS and LCS analyses.

Percent recovery (%R) is calculated using the following equation:

$$\%R = (A-B)/C \times 100$$

where:
A = measured concentration in the spiked sample
B = measured concentration of the spike compound in the unspiked sample
C = concentration of the spike

The percent recovery of each analyte spiked in MS/MSD samples, LCS, and surrogate compounds added to environmental samples is evaluated with the acceptance criteria specified by the previously noted documents. Spike recoveries outside the acceptable QC accuracy limits provide an indication of bias, where the reported data may overestimate or underestimate the actual concentration of compounds detected or quantitation limits reported for environmental samples.

Representativeness is a qualitative parameter that expresses the degree to which the sample data are characteristic of a population. It is evaluated by reviewing the QC results of blanks, samples and holding times. Positive detects of compounds in the blank samples identify compounds that may have been introduced into the samples during sample collection, transport, preparation, or analysis. The QA/QC blanks collected and analyzed are method blanks, trip blanks, and field blanks.

A method blank is a laboratory grade water or solid matrix that contains the method reagents and has undergone the same preparation and analysis as the environmental samples. The method blank provides a measure of the combined contamination derived from the laboratory source water, glassware, instruments, reagents, and sample preparation steps. Method blanks are prepared for each sample of a similar matrix extracted by the same method at a similar concentration level.

Trip blanks are used to identify possible volatile organic contamination introduced into the sample during transport. A trip blank is a sample bottle filled in the laboratory with reagent-grade water and preserved to a pH less than 2 with hydrochloric acid. It is transported to the site, stored with the sample containers, and returned unopened to the laboratory for analysis.
Additionally, for inorganic analyses, initial and continuing calibration blanks consist of acidified laboratory grade water, which are injected at the beginning and at a regular frequency during each 12 - hour sample analysis run. These blanks estimate residual contaminants from the previous sample or standards analysis and measure baseline shifts that commonly occur in emission and absorption spectroscopy.

Field blanks consist of analyte-free source water stored at the sample collection site. The field blank is collected from each source water used during each sampling event. Field blanks were collected and analyzed for all target analytes.

Contaminants found in both the environmental sample and a blank sample are assumed to be laboratory artifacts if the concentration in the environmental sample is less than 10 times the blank value for common laboratory contaminants; methylene chloride, acetone, 2-butanone, and phthalate esters or 5 times the blank value for other laboratory contaminants.

Holding times are evaluated to assure that the sample integrity is intact for accurate sample preparation and analysis. Holding times will be specific for each method and matrix analyzed. Holding time exceedances can cause loss of sample constituents due to biodegradation, precipitation, volatization, and chemical degradation. In accordance with EPA guidance (USEPA 1999 and 2004), sample results for analyses that were performed after the method holding time but less than two times the method holding time were qualified as estimated (J- or UJ) and sample non-detected results for analyses that were performed after two times the method holding time were qualified as rejected (R).

Comparability is a qualitative expression of the confidence with which one data set may be compared to another. It provides an assessment of the equivalence of the analytical results to data obtained from other analyses. It is important that data sets be comparable if they are used in conjunction with other data sets. The factors affecting comparability include the following: sample collection and handling techniques, matrix type, and analytical method. If these aspects of sampling and analysis are carried out according to standard analytical procedures, the data are considered comparable. Comparability is also dependent upon other PARCC criteria, because only when precision, accuracy, and representativeness are known can data sets be compared with confidence.

Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results. Completeness is evaluated to determine if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. Completeness equals the total number of sample results for each fraction minus the total number of rejected sample results divided by the total number of sample results multiplied by 100. As specified in the project DQOs, the goal for completeness for target analytes in each analytical fraction is 90 percent.

Percent completeness is calculated using the following equation:

$$\%C = (T - R)/T \times 100$$

where:
%C = percent completeness
T = total number of sample results
R = total number of rejected sample results

Completeness is also determined by comparing the planned number of samples per method and matrix as specified in the QAPP, with the number determined above.

The following sections present a review of QC data for each analytical method.

2.0 VOLATILE ORGANIC COMPOUNDS

A total of 220 soil and 4 water samples were analyzed for VOCs by EPA SW 846 Method 8260B. All VOC data were assessed to be valid with the exception of one of the 14380 total results, which was rejected based on an LCS recovery exceedance. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

2.1 Precision and Accuracy

2.1.1 Instrument Calibration

Initial and continuing calibration results provide a means of evaluating accuracy within a particular SDG. Relative response factor (RRF), percent relative standard deviation (%RSD), and percent difference (%D) are the three major parameters used to measure the effectiveness of instrument calibration. RRF is a measure of the relative spectral response of an analyte compared to its internal standard. %RSD is an indication of deviation of individual calibration standards compared to the average response of the initial multi-point instrument calibration. %D is a comparison of a continuing calibration instrumental response with its initial response. %RSD and %D exceedances suggest routine instrumental anomalies, which typically impact all sample results for the affected compounds.

The %RSDs in the initial calibration met the acceptance criteria of 30 percent.

Two hundred eighty-four VOC results were qualified as detected estimated (J,J+,J-) or non-detected estimated (UJ). The RRFs were outside the acceptance criteria of 0.05 for 2-butanone and the %Ds were outside the acceptance criteria of 25 percent in the continuing calibration verification. The details regarding the qualification of results are presented in Attachments A1 & A2, Sections III & IV.

2.1.2 Surrogates

Due to surrogate %Rs outside acceptance criteria, 65 VOC results for soil samples FPS-11S-0.5 and FPS-19D-10 were qualified as detected estimated (J-) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment A1, Section VI.

All water surrogate %Rs met the acceptance criteria.

2.1.3 MS/MSD Samples

MS/MSDs were not performed for this analysis. There was insufficient sample availability for the soil samples. Since the LCS/LCSD %Rs and RPDs met the acceptance criteria with the exception noted below, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

2.1.4 LCS Samples

Due to a severely low soil LCS %R, the dichlorodifluoromethane result for soil sample FPS-08D-20 was qualified as rejected (R). Additionally, 405 VOC results were qualified as detected estimated (J,J+,J-) or non-detected estimated (UJ) due to soil LCS/LCSD %Rs and RPDs outside acceptance criteria. The details regarding the qualification of results are presented in Attachment A1, Section VIII.

No water sample data were qualified due to high LCS %Rs. The associated sample results were non-detected. The LCS non-conformances are presented in Attachment A2, Section VIII.

2.1.5 Internal Standards

Due to internal standard areas outside acceptance criteria, 89 VOC results for soil samples FPS-11S-0.5, FPS-19D-10 and FPS-21D-40 were qualified as detected estimated (J+,J) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment A1, Section X.

The internal standard areas and retention times met the acceptance criteria for all water samples.

2.1.6 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

2.2 Representativeness

2.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. The holding times were met for all soil samples.

Due to technical holding time exceedances, the carbon tetrachloride and chloroform results for water sample FTF-12D-GW were qualified as detected estimated (J-). The analysis holding time criteria are 14 days for preserved water samples. The details regarding the qualification of results are presented in Attachment A2, Section I.

2.2.2 Blanks

Method blanks were analyzed to evaluate representativeness. The concentration for an individual target compound was used for data qualification.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation. The corrective action consisted of amending the laboratory reported results for organic compounds based on the following criteria. The validation qualifier codes used in the blank summary tables are described below.

> Results Below the RL If a sample result for the blank contaminant was less than the RL and less than 10 times the blank value for common contaminants or 5 times the blank value for other contaminants, the sample result was amended as non-detected at the RL for the target compound.
>
> Results Above the RL If a sample result for the blank contaminant was greater than the sample RL and less than 10 times the blank value for common contaminants or 5 times the blank value for other contaminants, the sample result for the blank contaminant was amended as non-detected at the concentration reported in the sample results.
>
> No Action If a sample result for the blank contaminant was greater than 10 times the blank value for common contaminants or 5 times the blank value for other contaminants, the result was not amended.

2.2.2.1 Method Blanks

Due to method blank contamination, 22 acetone, benzene, naphthalene, n-butylbenzene and toluene results for several soil samples were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachments A1, Section V.

2.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

2.4 Completeness

The completeness level attained for volatile organic field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

3.0 SEMIVOLATILE ORGANIC COMPOUNDS

A total of 165 soil and 4 water samples were analyzed for SVOCs by EPA SW 846 Method 8270C. All SVOC data were assessed to be valid since none of the 14462 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

3.1 Precision and Accuracy

3.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The RRFs met the acceptance criteria of 0.05 in the initial calibration and continuing calibration verification. The %RSDs in the initial calibration met the acceptance criteria of 30 percent. In the case where %RSD was greater than 15 percent, a calibration curve was established for quantitation.

One hundred ninety-two SVOC results were qualified as detected estimated (J+) or non-detected estimated (UJ). The coefficient of determination (r^2) was less than the acceptance criteria of 0.990 or the %Ds in the initial calibration verification and continuing calibration verification were outside the acceptance criteria of 25 percent. The details regarding the qualification of results are presented in Attachment B1, Sections III & IV and Attachment B2, Section IV.

3.1.2 Surrogates

Due to low surrogate %Rs, 255 SVOC results for soil samples FTF-21D-30, CPA-06D-50 and FPS-06S-10 were qualified as detected estimated (J-) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachments B1, Section VI.

No water sample data were qualified based on surrogate recovery non-conformances. In cases where recoveries were diluted out, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

3.1.3 MS/MSD Samples

Due to soil MS/MSD %Rs and RPDs outside acceptance criteria, 22 SVOC results were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment B1, Section VII.

MS/MSDs were not performed for the water samples due to insufficient sample availability. Since the LCS/LCSD %Rs and RPDs met the acceptance criteria with the exception noted below, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

3.1.4 LCS Samples

No soil sample data were qualified due to high LCS %Rs. The associated sample results were non-detected. The LCS non-conformances are presented in Attachment B1, Section VIII.

Due to LCS/LCSD RPDs, nine 4-nitroaniline, 2,4-dinitrophenol, aniline, di-n-octylphthalate and pyridine results in water samples FTF-11D-GW, FTF-12D-GW and FTF-10D-GW were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment B2, Section VIII.

3.1.5 Internal Standards

Due to internal standard areas outside acceptance criteria, 93 SVOC results for several soil samples and water sample FTF-07D-GW were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachments B1 & B2, Section X.

3.1.6 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

3.2 Representativeness

3.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

3.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

3.2.2.1 Method Blanks

Due to method blank contamination, 29 SVOC results for several soil samples were qualified as detected (J) or non-detected (U). 1,2,4-Trichlorobenzene for sample FPS-11S-5 and 1,2,4,5-tetrachlorobenzene for sample FPS-11S-10 were flagged as estimated (J) since the results may reflect actual field contamination.The details regarding the qualification of results are presented in Attachment B1, Section V.

3.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

3.4 Completeness

The completeness level attained for semivolatile organic field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

4.0 1,4-DIOXANE

A total of 163 soil sample and 4 water samples were analyzed for 1,4-Dioxane by EPA SW 846 Method 8270C. All 1,4-Dioxane data were assessed to be valid since none of the 167 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

4.1 Precision and Accuracy

4.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The RRFs met the acceptance criteria of 0.05 in the initial calibration and continuing calibration verification. The %RSDs in the initial calibration met the acceptance criteria of 30 percent. The %Ds in the initial calibration verification and continuing calibration verification met the acceptance criteria of 25 percent.

4.1.2 Surrogates

Due to a low surrogate %R, the 1,4-dioxane result for soil sample FPS-01S-0.5 was qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachments C1, Section VI.

No water sample data were qualified based on surrogate recovery non-conformances. In cases where recoveries were diluted out, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

4.1.3 MS/MSD Samples

All soil MS/MSD %Rs and RPDs met the acceptance criteria.

MS/MSDs were not performed for the water samples due to insufficient sample availability. Since the LCS/LCSD %Rs and RPDs met the acceptance criteria, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

4.1.4 LCS Samples

Due to a low LCS %R, the 1,4-dioxane results for soil samples CPA-01D-05, CPA-01D-10, FTF-21D-10, FTF-21D-30 and FTF-21D-50 were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment C1, Section VIII.

4.1.5 Internal Standards

Due to an internal standard area outside acceptance criteria, the 1,4-dioxane results for soil sample FPS-08D-40 and water sample FTF-07D-GW were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachments C1 & C2, Section X.

4.1.6 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

4.2 Representativeness

4.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted.

Due to technical holding time exceedances, the 1,4-dioxane results for soil samples CPA-01D-30, CPA-01D-50, CPA-09S-0.50, CPA-09S-05 and CPA-09S-10 were qualified as non-detected estimated (UJ). The extraction holding time criteria are 14 days for soil samples. The details regarding the qualification of results are presented in Attachment C1, Section I.

The holding times were met for all water samples.

4.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

4.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

4.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

4.4 Completeness

The completeness level attained for 1,4-dioxane field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

5.0 CHLOROACETALDEHYDES

A total of 154 soil and 4 water samples were analyzed for dichloroacetaldehyde and trichloroacetaldehyde by EPA SW 846 Method 8270C-SIM. All chloroacetaldehyde data were assessed to be valid with the exception of one of the 316 total results, which were rejected based on a matrix spike recovery exceedance. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

5.1 Precision and Accuracy

5.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration and the %Ds in the initial calibration verification met the acceptance criteria of 30 and 25 percent, respectively.

One hundred fifty-seven dichloroacetaldehyde results were qualified as detected estimated (J,J+) or non-detected estimated (UJ). The RRFs were outside the acceptance criteria of 0.05 in the initial calibration and continuing calibration verification and the %Ds in the continuing calibration verification was outside the acceptance criteria of 25 percent. The details regarding the qualification of results are presented in Attachments D1 & D2, Sections III & IV.

5.1.2 Surrogates

Due to low surrogate %Rs, six chloroacetaldehyde results for soil samples FTF-21D-30, FPS-21D-50 and FPS-04S-10 were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment D1, Section VI.

All water surrogate %Rs met the acceptance criteria.

5.1.3 MS/MSD Samples

Due to severely low soil MS/MSD %Rs, the dichloroacetaldehyde result for soil sample FPS-19D-5 was qualified as rejected (R). Additionally, the trichloroacetaldehyde result for this soil sample was qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment D1, Section VII.

MS/MSDs were not performed for the water samples due to insufficient sample availability. Since the LCS/LCSD %Rs and RPDs met the acceptance criteria, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

5.1.4 LCS Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

5.1.5 Internal Standards

All internal standard areas and retention times met acceptance criteria.

5.1.6 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

5.2 Representativeness

5.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

5.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

5.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

5.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

5.4 Completeness

The completeness level attained for chloroacetaldehyde field samples was 99.7 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

6.0 CHLORINATED PESTICIDES

A total of 189 soil and 4 water soil samples were analyzed for pesticides by EPA SW 846 Method 8081A. All pesticide data were assessed to be valid since none of the 4439 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

6.1 Precision and Accuracy

6.1.1 Instrument Calibration

Initial and continuing calibration results provide a means of evaluating accuracy within a particular SDG. Percent relative standard deviation (%RSD) and percent difference (%D) are the two major parameters used to measure the effectiveness of instrument calibration. %RSD is an indication of deviation of individual calibration standards compared to the average response of the initial multi-point instrument calibration. %D is a comparison of a continuing calibration

instrumental response with its initial response. %RSD and %D exceedances suggest more routine instrumental anomalies, which typically impact all sample results for the affected compounds.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent for selected compounds. In the case where %RSD was greater than 20 percent, a calibration curve was established for quantitation. The coefficient of determination (r^2) met the acceptance criteria of ≥ 0.990. The %Ds in the initial calibration verification met the acceptance criteria of 15 percent.

Thirty-three pesticide results were qualified as detected estimated (J+) or non-detected estimated (UJ) for several soil samples. The %Ds in the continuing calibration verification were outside the acceptance criteria of 15 percent. The details regarding the qualification of results are presented in Attachment E1, Section IV.

6.1.2 Percent Breakdown

4,4'-DDT and endrin are easily degraded in the injection port. Breakdown or degradation occurs when the injection port is contaminated, chemically active or too hot. A standard containing only 4,4'-DDT and endrin is analyzed at the beginning of each 12-hour shift to check for degradation problems. The percent breakdown for 4,4'-DDT and endrin met the acceptance criteria of 15 percent.

6.1.3 Surrogates

Due to surrogate %Rs outside acceptance criteria, 80 pesticide results for soil samples FPS-9D-5, FPS-9D-10, FPS-16S-10, FPS-02D-10, and FPS-19D-10 were qualified as detected estimated (J+,J-) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment E1, Section VI.

No water sample data were qualified based on surrogate recovery non-conformances. In cases where recoveries were diluted out, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

6.1.4 MS/MSD Samples

Due to high MS/MSD %Rs, the beta-BHC, 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT results for soil sample FPS-08D-20 were qualified as detected estimated (J+). The details regarding the qualification of results are presented in Attachment E1, Section VII.

MS/MSDs were not performed for the water samples due to insufficient sample availability. Since the LCS/LCSD %Rs and RPDs met the acceptance criteria with the exception noted below, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

6.1.5 LCS Samples

Due to soil LCS %Rs outside acceptance criteria, 33 2,4'-DDE, 4,4'-DDD and endosulfan II results were qualified as detected estimated (J+,J-) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment E1, Section VIII.

Due to water LCS/LCSD RPDs outside acceptance criteria, four aldrin and heptachlor results were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment E2, Section VIII.

6.1.6 Compound Quantitation and Target Identification

All target identification was found to be acceptable.

Due to compound quantitation non-conformances (i.e., RPD between two columns > 40.0%), 15 pesticide results for several soil samples and water sample FTF-10D-GW were qualified as detected estimated (J). The details regarding the qualification of results are presented in Attachments E1 & E2, Section XII.

6.2 Representativeness

6.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

6.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

6.2.2.1 Method Blanks

Due to method blank contamination, 23 endrin aldehyde results for several soil samples were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachment E1, Section V.

6.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

6.4 Completeness

The completeness level attained for pesticide field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

7.0 POLYCHLORINATED BIPHENYLS

A total of 165 soil and 4 water samples were analyzed for PCBs by EPA SW 846 Method 8082. All PCB data were assessed to be valid since none of the 1183 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

7.1 Precision and Accuracy

7.1.1 Instrument Calibration

As previously discussed in Section 6.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent for selected compounds. In the case where %RSD was greater than 20 percent, a calibration curve was established for quantitation. The coefficient of determination (r^2) met the acceptance criteria of ≥ 0.990. The %Ds in the initial calibration verification met the acceptance criteria of 15 percent.

No soil data were qualified due to high %Ds in the continuing calibration verification. The associated soil sample results were non-detected. The continuing calibration non-conformances are presented in Attachment F1, Section IV.

7.1.2 Surrogates

Due to low surrogate %Rs, 42 PCB results for soil samples FPS-16S-10, FPS-18D-30, FTF-12D-30, FPS-19D-5, FPS-19D-10 and FPS-06S-0.5 were qualified as detected estimated (J-) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment F1, Section VI.

All water surrogate %Rs met the acceptance criteria.

7.1.3 MS/MSD Samples

No data were qualified due to high MS/MSD %Rs. The associated soil sample results were non-detected. The MS/MSD non-conformances are presented in Attachment F1, Section VII.

MS/MSDs were not performed for the water samples. Since the LCS %Rs met the acceptance criteria, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

7.1.4 LCS Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

7.1.5 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

7.2 Representativeness

7.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

7.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

7.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

7.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

7.4 Completeness

The completeness level attained for PCB field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

8.0 POLYCHLORINATED BIPHENYLS AS CONGENERS

A total of 157 soil and 4 water samples were analyzed for PCBs as congeners by EPA Method 1668A. All PCB data were assessed to be valid since none of the 3542 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

8.1 Precision and Accuracy

8.1.1 Instrument Calibration

As previously discussed in Section 6.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent. The %Ds in the continuing calibration verification met the acceptance criteria of 50 percent for unlabeled compounds and 30 percent for labeled compounds. The ion abundance ratios met the acceptance criteria.

8.1.2 MS/MSD/DUP Samples

Due to MS/MSD %Rs and RPDs outside the acceptance criteria, 11 PCBs as congener results for soil samples FTF-07D-10, FPS-9D-5, FPS-12D-10 and FPS-21D-5 were qualified as detected estimated (J-,J). The details regarding the qualification of results are presented in Attachment G1, Section VI.

MS/MSDs were not performed for the water samples. Since the LCS %Rs met the acceptance criteria, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

All DUP RPDs met the acceptance criteria

8.1.3 LCS Samples

All LCS %Rs met the acceptance criteria

8.1.4 Internal Standards

All internal standard %Rs met the acceptance criteria.

8.1.5 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

8.2 Representativeness

8.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

8.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

8.2.2.1 Method Blanks

As a result of method blank contamination, 121 PCBs as congener results were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachments G1 & G2, Section V.

8.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

8.4 Completeness

The completeness level attained for PCBs as congener field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

9.0 POLYCHLORINATED DIOXINS AND DIBENZOFURANS

A total of 10 soil samples were analyzed for PCDD/PCDFs by EPA SW 846 Method 8290. All PCDD/PCDF data were assessed to be valid with the exception of one of the 170 total results, which was rejected based on an internal standard recovery exceedance. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

9.1 Precision and Accuracy

9.1.1 Instrument Calibration

As previously discussed in Section 6.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 30 percent for unlabeled compounds and 20 percent for labeled compounds. The %Ds in the routine calibration met the acceptance criteria of 30 percent for unlabeled compounds. The ion abundance ratios met the acceptance criteria.

The OCDD and OCDF results for sample FPS-02D-2 were qualified as detected estimated (J-). The %D in the routine calibration was outside the acceptance criteria of 20 percent for the associated labeled compound. The details regarding the qualification of results are presented in Attachment H, Section IV.

9.1.2 MS/MSD Samples

Due to MS/MSD %Rs and RPDs outside the acceptance criteria, the 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF and 1,2,3,7,8,9-HxCDF results for soil sample CPA-05D-0.25 were qualified as detected estimated (J,J-). The details regarding the qualification of results are presented in Attachment H, Section VI.

9.1.3 LCS Samples

Due to a low LCS %R, the 1,2,3,7,8,9-HxCDF results for samples CPA-10S-0.25, CPA-05D-0.25 and CPA-12S-0.25 were qualified as detected estimated (J-) or non-detected estimated (UJ). Additionally, all the PCDD/PCDF results for sample FPS-08D-2 were qualified as detected estimated (J) or non-detected estimated (UJ) due to lack of associated LCS, MS and MSD. The details regarding the qualification of results are presented in Attachment H, Section VII.

9.1.4 Internal Standards

Due to severely low internal standard %Rs, the 2,3,7,8-TCDF result for sample FPS-08D-2 was qualified as rejected (R). Additionally, five PCDD/PCDF results for samples FTF-20S-0.25 and FPS-08D-2 were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment H, Section IX.

9.1.5 Compound Quantitation and Target Identification

All compound quantitation were found to be acceptable.

The detected results for 2,3,7,8-TCDF for samples CPA-09S-0.25, CPA-10S-0.25, FTF-16S-0.25 and FPS-02D-2 were not confirmed on a second column as required by the method. This oversight was judged to have no impact on the data quality and no qualifications were made.

9.2 Representativeness

9.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

9.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

9.2.2.1 Method Blanks

Due to method blank contamination, ten PCDD/PCDF results were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachment H, Section V.

9.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

9.4 Completeness

The completeness level attained for PCDD/PCDF field samples was 99.4 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

10.0 GASOLINE RANGE ORGANICS

A total of 107 soil samples were analyzed for GRO by EPA SW 846 Method 8015B. All GRO data were assessed to be valid since none of the 107 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

10.1 Precision and Accuracy

10.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent. The %Ds in the initial calibration verification and continuing calibration verification met the acceptance criteria of 15 percent.

10.1.2 Surrogates

No data were qualified based on surrogate recovery non-conformances. In cases where the recoveries were diluted out, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

10.1.3 MS/MSD Samples

MS/MSDs were not performed for the samples due to insufficient sample availability. Since the LCS/LCSD %Rs and RPDs met the acceptance criteria, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

10.1.4 LCS Samples

All LCS/LCSD %Rs and RPDs met the acceptance criteria.

10.1.5 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

10.2 Representativeness

10.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

10.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

10.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

10.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

10.4 Completeness

The completeness level attained for GRO field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

11.0 EXTRACTABLE FUEL HYDROCARBONS

A total of 107 samples were analyzed for EFH by EPA SW 846 Method 8015B. All EFH data were assessed to be valid since none of the 321 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

11.1 Precision and Accuracy

11.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent. The %Ds in the initial calibration verification and continuing calibration verification met the acceptance criteria of 15 percent.

11.1.2 Surrogates

No data were qualified based on surrogate recovery non-conformances. In cases where the recoveries were diluted out, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

11.1.3 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

11.1.4 LCS Samples

All LCS %Rs met the acceptance criteria.

11.1.5 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

11.2 Representativeness

11.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

11.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

11.2.2.1 Method Blanks

Due to method blank contamination, ten EFH results for samples FPS-19D-30, FPS-19D-50, FPS-04S-5, FPS-04S-10 and CPA-11S-0.5 were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachment J, Section III.

11.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

11.4 Completeness

The completeness level attained for EFH field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

12.0 ETHANOL

A total of 154 soil samples were analyzed for ethanol by EPA SW 846 Method 8015B. All ethanol data were assessed to be valid since none of the 154 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

12.1 Precision and Accuracy

12.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration and the %Ds in the initial calibration verification met the acceptance criteria of 20 and 15 percent, respectively.

Thirty-six ethanol results were qualified as non-detected estimated (UJ). The %Ds in the continuing calibration verification were outside the acceptance criteria of 15 percent. The details regarding the qualification of results are presented in Attachment K, Section IIb.

12.1.2 MS/MSD Samples

No data were qualified due to high MS/MSD %Rs. The associated sample result was non-detected. The MS/MSD non-conformances are presented in Attachment K, Section IVb.

12.1.3 LCS Samples

All LCS %Rs met the acceptance criteria.

12.1.4 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

12.2 Representativeness

12.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

12.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

12.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

12.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

12.4 Completeness

The completeness level attained for ethanol field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

13.0 ALDEHYDES

A total of 154 soil and 4 water samples were analyzed for aldehydes by EPA SW 846 Method 8315A. All aldehyde data were assessed to be valid with the exception of four of the 474 total results, which were rejected based on the absence of an associated continuing calibration or holding time exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

13.1 Precision and Accuracy

13.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The %RSDs in the initial calibration met the acceptance criteria of 20 percent. No data were qualified due to high %Ds in the initial calibration verification. The associated sample results were non-detected.

The chloroacetaldehyde result for water sample FTF-12D-GW was qualified as rejected (R). A continuing calibration verification was not performed prior to sample analysis. Additionally, the formaldehyde result for soil sample FTF-09D-50 was qualified as detected estimated (J+). The %D in the continuing calibration verification was outside the acceptance criteria of 15 percent. The details regarding the qualification of results are presented in Attachments L1 & L2, Section IIb.

13.1.2 MS/MSD Samples

All water MS/MSD %Rs and RPDs met the acceptance criteria.

Due to MS/MSD %Rs and RPDs outside acceptance criteria, four chloroacetaldehyde results for soil samples CPA-03D-30, FTF-10D-10, FTF-07D-10 and FPS-02D-0.5 were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment L1, Section IVb.

13.1.3 LCS Samples

No soil sample data were qualified due to high LCS %Rs. The associated sample results were non-detected. The LCS non-conformances are presented in Attachment L1, Section IVc.

The chloroacetaldehyde result for water sample FTF-12D-GW was qualified as non-detected estimated (UJ) due to lack of associated LCS, MS and MSD. All water LCS %Rs met the acceptance criteria.

13.1.4 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

13.2 Representativeness

13.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted.

Due to technical holding time exceedances, the formaldehyde result for water sample FTF-11D-GW and the chloroacetaldehyde results for water samples FTF-07D-GW and FTF-11D-GW were qualified as (R). Additionally, 121 aldehyde results for several samples were qualified as detected estimated (J-) or non-detected (UJ). The extraction holding time criteria are 3 days for water samples and 14 days for soil samples. The details regarding the qualification of results are presented in Attachments L1 & L2, Section I.

13.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

13.2.2.1 Method Blanks

Due to method blank contamination, 192 aldehyde results were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachments L1 & L2, Section III.

13.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

13.4 Completeness

The completeness level attained for aldehyde field samples was 99.2 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

14.0 WHITE PHOSPHORUS

A total of 107 soil samples were analyzed for white phosphorus by EPA Method 7580. All white phosphorus data were assessed to be valid since none of the 107 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

14.1 Precision and Accuracy

14.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) met the acceptance criteria of $\geq$ 0.990 and the %Ds in the continuing calibration verification met the acceptance criteria of 15 percent.

14.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

14.1.3 LCS Samples

All LCS %Rs met the acceptance criteria.

14.1.4 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

14.2 Representativeness

14.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

14.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

14.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

14.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

14.4 Completeness

The completeness level attained for white phosphorus field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

15.0 ORGANIC ACIDS

A total of 154 soil and 4 water samples were analyzed for organic acids by HPLC Method. All organic acid data were assessed to be valid since none of the 790 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

15.1 Precision and Accuracy

15.1.1 Instrument Calibration

As previously discussed in Section 7.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990. The %Rs in the initial calibration verification met the acceptance criteria of 70-130 percent.

Ten diethyl phosphorodithioic acid results for several soil samples were qualified as non-detected estimated (UJ). The %R in the continuing calibration verification was outside the acceptance criteria of 80-120 percent. The details regarding the qualification of results are presented in Attachment N1, Section IIb.

15.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs were within acceptance criteria.

15.1.3 LCS Samples

All LCS %Rs met the acceptance criteria.

15.1.4 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

15.2 Representativeness

15.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

15.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

15.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

15.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

15.4 Completeness

The completeness level attained for organic acid field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

16.0 METALS

A total of 156 soil and 4 water samples were analyzed for metals by EPA SW 846 Method 6010B/6020/7470A/7471A. All metal data were assessed to be valid since none of the 4762 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

16.1 Precision and Accuracy

16.1.1 Instrument Calibration

Initial and continuing calibration verification results provide a means of evaluating accuracy within a particular SDG. Correlation coefficient (r) and percent recovery (%R) are the two major parameters used to measure the effectiveness of instrument calibration. The correlation coefficient indicates the linearity of the calibration curve. %R is used to verify the on going calibration acceptability of the analytical system. The most critical of the two calibration parameters, r, has the potential to affect data accuracy across an SDG when it is outside the acceptable QC limits. %R exceedances suggest more routine instrumental anomalies, which typically impact all sample results for the affected analytes.

The correlation coefficients in the initial calibrations met the acceptance criteria of ≥ 0.995.

The phosphorus result for soil sample FTF-11D-10 was qualified as detected estimated (J-). The %R was outside the acceptance criteria of 90-110 percent. The details regarding the qualification of results are presented in Attachment O1, Section II.

No water sample data were qualified due to a high %D in the continuing calibration verification. The associated sample results were non-detected. The continuing calibration non-conformance is presented in Attachment O2, Section II.

16.1.2 MS/MSD Samples

Due to MS/MSD %Rs and RPDs outside acceptance criteria, 659 metal results were qualified as detected estimated (J,J-,J+) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachments O1 & O2, Section V.

16.1.3 Duplicate (DUP) Samples

All DUP RPDs met the acceptance criteria.

16.1.4 LCS Samples

Due to low soil LCS %Rs, 36 sulfur results were qualified detected estimated (J-). The details regarding the qualification of results are presented in Attachment O1, Section VII.

All water LCS %Rs met the acceptance criteria.

16.1.5 Internal Standards

Due to a high internal standard %R, the beryllium result for soil sample FPS-21D-50 was qualified as detected estimated (J+). The details regarding the qualification of results are presented in Attachment O1, Section VIII.

All internal standard %Rs met the acceptance criteria for water sample FTF-10D-GW.

16.1.6 ICP Interference Check Sample

Due to ICP interference check %Rs outside acceptance criteria, 181 metal results were qualified as detected estimated (J+,J-) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachments O1 & O2, Section IV.

16.1.7 Sample Result Verification

All compound quantitation and target identification were found to be acceptable.

16.2 Representativeness

16.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

16.2.2 Blanks

Method blanks were collected and analyzed to evaluate representativeness. The concentration for an individual target compound was used for data qualification.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation. The corrective action consisted of amending the laboratory reported results for organic analytes based on the following criteria. The validation qualifier codes are described below.

> Results Below the RL If a sample result for the blank contaminant was less than the RL and less than 5 times the blank value, the sample result was amended as non-detected at the RL for the target compound.

Results Above the RL If a sample result for the blank contaminant was greater than the sample RL and less than 5 times the blank value, the sample result for the blank contaminant was amended as non-detected at the concentration reported in the sample results.

No Action If a sample result for the blank contaminant was greater than 5 times the blank value, the result was not amended.

16.2.2.1 Method Blanks

Due to method blank contamination, 335 metal results were qualified as detected estimated (J) or non-detected (U). Arsenic for several soil samples was qualified as detected estimated (J) since the results may reflect actual field contamination. The details regarding the qualification of results are presented in Attachments O1 & O2, Section III.

16.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target analytes detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

16.4 Completeness

The completeness level attained for metal field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

17.0 WET CHEMISTRY

A total of 156 soil and 4 water samples were analyzed for ammonia as nitrogen by EPA Method 350.3, phosphorus by EPA Method 365.3, alkalinity by Standard Method 2320B, hexavalent chromium by EPA SW 846 Method 7199, cyanide by EPA SW 846 Method 9014, pH by EPA SW 846 Method 9040B and 9045C and bromide, chloride, fluoride, nitrate as nitrogen, nitrite as nitrogen, orthophosphate as phosphorus and sulfate by EPA SW 846 Method 9056. All wet chemistry data were assessed to be valid with the exception of one of the 2056 total results, which was rejected based on holding time exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

17.1 Precision and Accuracy

17.1.1 Instrument Calibration

As previously discussed in Section 16.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

The correlation coefficients in the initial calibrations met the acceptance criteria of ≥ 0.995.

Twenty-four ammonia as nitrogen, hexavalent chromium and orthophosphate as phosphorus results for several soil samples were qualified as detected estimated (J-) or non-detected estimated (UJ). The %Rs in the initial calibration verification and continuing calibration verification were outside the acceptance criteria of 90-110 percent. The details regarding the qualification of results are presented in Attachment P1, Section IIb.

17.1.2 MS/MSD Samples

Due to soil MS/MSD %Rs outside acceptance criteria, 102 ammonia as nitrogen results were qualified as detected estimated (J-) or non-detected estimated (UJ) The details regarding the qualification of results are presented in Attachment P1, Section IV.

MS/MSDs were not performed for the water samples. Since the LCS %Rs and DUP RPDs met the acceptance criteria, the absence of MS/MSD samples was judged to have no impact on the data quality and no qualifications were made.

17.1.3 Duplicate (DUP) Samples

All DUP RPDs met the acceptance criteria.

17.1.4 LCS Samples

All LCS %Rs met the acceptance criteria.

17.1.5 Sample Result Verification

All compound quantitation and target identification were found to be acceptable.

17.2 Representativeness

17.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. The holding times were met for all soil samples.

Due to technical holding time exceedances, the pH result was qualified as detected estimated (J-) and the hexavalent chromium result was qualified as rejected (R) for water sample FTF-10D-GW. The analysis holding time criteria are 48 hours for pH and 24 hours for hexavalent chromium for water samples. The details regarding the qualification of results are presented in Attachment P2, Section I.

17.2.2 Blanks

As previously discussed in Section 16.2.2, method blanks were analyzed to evaluate representativeness.

17.2.2.1 Method Blanks

Due to method blank contamination, 30 ammonia as nitrogen, chloride and fluoride results for several soil samples were qualified as non-detected (U). The details regarding the qualification of results are presented in Attachment P1, Section III.

17.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target analytes detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

17.4 Completeness

The completeness level attained for wet chemistry field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

18.0 VARIANCES IN ANALYTICAL PERFORMANCE

The laboratory used standard analytical methods for all of the analyses throughout the project. No systematic variances in analytical performance were noted according to the laboratory case narratives.

19.0 SUMMARY OF PARCC CRITERIA

The validation reports present the PARCC results for all SDGs. Each PARCC criterion is discussed in detail in the following sections.

19.1 Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as MS/MSD, LCS, and surrogates. The precision and accuracy of the data set were considered acceptable after integration of qualification of estimated results as specifically noted in the data validation reports.

19.2 Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable after qualification for holding time and blank contamination.

19.3 Comparability

The laboratory used standard analytical methods for their analyses. The analytical results were reported in correct standard units. Holding times, sample preservation, and sample integrity were within QC criteria with the exceptions noted in Sections 2.2.1, 3.2.1, 4.2.1, 13.2.1 and 17.2.1. The overall comparability is considered acceptable.

19.4 Completeness

Of the 47430 total analytes reported, 8 of the sample results were rejected. The completeness for all SDGs is as follows:

Parameter	Total Analytes	No. of Rejects	% Completeness
VOC	14380	1	100
SVOC	14462	0	100
1,4-Dioxane	167	0	100
Chloroacetaldehydes	316	1	99.7
Chlorinated Pesticides	4439	0	100
PCB	1183	0	100
PCB as Congeners	3542	0	100
PCDDs/PCDFs	170	1	99.4
GRO	107	0	100
EFH	321	0	100
Ethanol	154	0	100
Aldehydes	474	4	99.2
White Phosphorus	107	0	100
Organic Acids	790	0	100
Metals	4762	0	100
Wet Chemistry	2056	1	100
Total	**47430**	**8**	**100**

The completeness percentage based on rejected data met the 90 percent DQO goal. A less quantifiable loss of data occurred in the application of blank qualifications.

20.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical data quality assessment for the laboratory analytical results generated during implementation of the *Supplemental Groundwater Investigation Work Plan* and the *Supplemental Soil Investigation Work Plan* at the Montrose Chemical Corporation of California site (Montrose Site) in Henderson, Nevada established that the overall project requirements and completeness levels were met. The data are considered usable with the exception of 8 rejected results.

21.0 REFERENCES

*Quality Assurance Project Plan Site-wide Soil and Groundwater Investigations Former Montrose and Stauffer Sites, Henderson, Nevada (*QAPP), Revision 1.0, October 26, 2006,

Hargis + Associates, Inc*., Supplemental Groundwater Investigation Work Plan, Montrose Chemical Corporation of California, Henderson, Nevada,* August 31, 2006,

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USEPA 1999. *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999,

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Table IA

Soil Sample Cross-Reference

SDG#: IPK0629 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16088F

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**											
FBT-03D-10	IPK0629-01	soil		11/06/06	X											
FBT-03D-20	IPK0629-02	soil		11/06/06	X											
FBT-03D-30	IPK0629-03	soil		11/06/06	X											
FBT-03D-40	IPK0629-04	soil		11/06/06	X											
FBT-03D-50	IPK0629-05	soil		11/06/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK0823/A6C2159 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16311B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals (6010B /7000)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FTF-21D-10	IPK0823-01	soil		11/07/06	X	X	X	X	X	X	X	X	X			
FTF-21D-20	IPK0823-02	soil		11/07/06	X											
FTF-21D-30	IPK0823-03	soil		11/07/06	X	X	X	X	X	X	X	X	X			
FTF-21D-40	IPK0823-04	soil		11/07/06	X											
FTF-21D-50	IPK0823-05	soil		11/07/06	X	X	X	X	X	X	X	X	X			
CPA-01D-05	IPK0823-06	soil		11/07/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-01D-10	IPK0823-07	soil		11/07/06	X	X	X	X	X	X	X	X	X	X	X	X
FTF-21D-10MS	IPK0823-01MS	soil	MS	11/07/06			X	X	X	X						
FTF-21D-10MSD	IPK0823-01MSD	soil	MSD	11/07/06			X	X	X	X						
FTF-21D-30MS	IPK0823-03MS	soil	MS	11/07/06		X										
FTF-21D-30MSD	IPK0823-03MSD	soil	MSD	11/07/06		X										
CPA-01D-05DUP	IPK0823-06DUP	soil	DUP	11/07/06										X		
CPA-01D-10MS	IPK0823-07MS	soil	MS	11/07/06								X				
CPA-01D-10MSD	IPK0823-07MSD	soil	MSD	11/07/06								X				
CPA-01D-05MS	IPK0823-06MS	soil	MS	11/07/06										X		
CPA-01D-05MSD	IPK0823-06MSD	soil	MSD	11/07/06										X		

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK0823/CPK0401/TAC06110904/06E-0780-02 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16311B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)								
FTF-21D-10	IPK0823-01	soil		11/07/06	X	X	X									
FTF-21D-30	IPK0823-03	soil		11/07/06	X	X	X									
FTF-21D-50	IPK0823-05	soil		11/07/06	X	X	X									
CPA-01D-05	IPK0823-06	soil		11/07/06	X	X	X	X								
CPA-01D-10	IPK0823-07	soil		11/07/06	X	X	X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK0823 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16311B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9040B)				
FTF-21D-10	IPK0823-01	soil		11/07/06	X		Cl				X	X				
FTF-21D-30	IPK0823-03	soil		11/07/06	X		Cl				X	X				
FTF-21D-50	IPK0823-05	soil		11/07/06	X		Cl				X	X				
CPA-01D-05	IPK0823-06	soil		11/07/06	X	X	X	X	X	X	X	X				
CPA-01D-10	IPK0823-07	soil		11/07/06	X	X	X	X	X	X	X	X				
FTF-21D-10MS	IPK0823-01MS	soil	MS	11/07/06							X					
FTF-21D-10MSD	IPK0823-01MSD	soil	MSD	11/07/06							X					
FTF-21D-10DUP	IPK0823-01DUP	soil	DUP	11/07/06	X											
CPA-01D-05MS	IPK0823-06MS	soil	MS	11/07/06						X						
CPA-01D-05MSD	IPK0823-06MSD	soil	MSD	11/07/06						X						
CPA-01D-10MS	IPK0823-07MS	soil	MS	11/07/06		X										
CPA-01D-10MSD	IPK0823-07MSD	soil	MSD	11/07/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1028/A6C2425 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-01D-20	IPK1028-01	soil		11/08/06	X				X							
CPA-01D-30	IPK1028-02	soil		11/08/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-01D-40	IPK1028-03	soil		11/08/06	X				X							
CPA-01D-50	IPK1028-04	soil		11/08/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-09S-0.25	IPK1028-05	soil		11/08/06						X	X					
CPA-09S-0.50	IPK1028-06	soil		11/08/06	X	X	X	X	X		X	X	X	X	X	X
CPA-09S-05	IPK1028-07	soil		11/08/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-09S-10	IPK1028-08	soil		11/08/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-01D-20MS	IPK1028-01MS	soil	MS	11/08/06					X							
CPA-01D-20MSD	IPK1028-01MSD	soil	MSD	11/08/06					X							
CPA-01D-30MS	IPK1028-02MS	soil	MS	11/08/06		X	X									X
CPA-01D-30MSD	IPK1028-02MSD	soil	MSD	11/08/06		X	X									X
CPA-01D-30DUP	IPK1028-02DUP	soil	DUP	11/08/06							X					
CPA-01D-50MS	IPK1028-04MS	soil	MS	11/08/06						X	X	X	X			
CPA-01D-50MSD	IPK1028-04MSD	soil	MSD	11/08/06						X	X	X	X			

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1028/CPK0431/A6C2425/TAC06111006/06E-0780-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
CPA-01D-30	IPK1028-02	soil		11/08/06	X		X	X	X							
CPA-01D-50	IPK1028-04	soil		11/08/06	X		X	X	X							
CPA-09S-0.25	IPK1028-05	soil		11/08/06		X										
CPA-09S-0.50	IPK1028-06	soil		11/08/06	X		X	X	X							
CPA-09S-05	IPK1028-07	soil		11/08/06	X		X	X	X							
CPA-09S-10	IPK1028-08	soil		11/08/06	X		X	X	X							
CPA-01D-30MS	IPK1028-02MS	soil	MS	11/08/06	X				X							
CPA-01D-30MSD	IPK1028-02MSD	soil	MSD	11/08/06	X				X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1028 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
CPA-01D-30	IPK1028-02	soil		11/08/06	X	X	X	X	X	X	X	X				
CPA-01D-50	IPK1028-04	soil		11/08/06	X	X	X	X	X	X	X	X				
CPA-09S-0.50	IPK1028-06	soil		11/08/06	X	X	X	X	X	X	X	X				
CPA-09S-05	IPK1028-07	soil		11/08/06	X	X	X	X	X	X	X	X				
CPA-09S-10	IPK1028-08	soil		11/08/06	X	X	X	X	X	X	X	X				
CPA-01D-30MS	IPK1028-02MS	soil	MS	11/08/06		X					X					
CPA-01D-30MSD	IPK1028-02MSD	soil	MSD	11/08/06		X					X					
CPA-01D-30DUP	IPK1028-02DUP	soil	DUP	11/08/06	X											
CPA-09S-10MS	IPK1028-08MS	soil	MS	11/08/06					X							
CPA-09S-10MSD	IPK1028-08MSD	soil	MSD	11/08/06					X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1663/A6C4455 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16278B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals (6010B /7000)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-02D-05	IPK1663-01	soil		11/14/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-02D-10	IPK1663-02	soil		11/14/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-02D-20	IPK1663-03	soil		11/14/06	X				X							
CPA-02D-30	IPK1663-04	soil		11/14/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-02D-10MS	IPK1663-02MS	soil	MS	11/14/06				X								
CPA-02D-10MSD	IPK1663-02MSD	soil	MSD	11/14/06				X								
CPA-02D-30MS	IPK1663-04MS	soil	MS	11/14/06					X	X		X	X			X
CPA-02D-30MSD	IPK1663-04MSD	soil	MSD	11/14/06					X	X		X	X			X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1663/CPK0632/TAC06111642/06E-0812-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16278B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)								
CPA-02D-05	IPK1663-01	soil		11/14/06	X	X	X	X								
CPA-02D-10	IPK1663-02	soil		11/14/06	X	X	X	X								
CPA-02D-30	IPK1663-04	soil		11/14/06	X	X	X	X								
CPA-02D-05MS	IPK1663-01MS	soil	MS	11/14/06				X								
CPA-02D-05MSD	IPK1663-01MSD	soil	MSD	11/14/06				X								
CPA-02D-30MS	IPK1663-04MS	soil	MS	11/14/06		X										
CPA-02D-30MSD	IPK1663-04MSD	soil	MSD	11/14/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1663 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16278B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9040B)				
CPA-02D-05	IPK1663-01	soil		11/14/06	X	X	X	X	X	X	X	X				
CPA-02D-10	IPK1663-02	soil		11/14/06	X	X	X	X	X	X	X	X				
CPA-02D-30	IPK1663-04	soil		11/14/06	X	X	X	X	X	X	X	X				
CPA-02D-05MS	IPK1663-01MS	soil	MS	11/14/06		X			X	X	X					
CPA-02D-05MSD	IPK1663-01MSD	soil	MSD	11/14/06		X			X	X	X					
CPA-02D-05DUP	IPK1663-01DUP	soil	DUP	11/14/06	X							X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1861/A6C5257 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16313A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals (6010B /7000)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-02D-40	IPK1861-01	soil		11/15/06	X				X							
CPA-02D-50	IPK1861-02	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-10S-0.25	IPK1861-03	soil		11/15/06						X	X					
CPA-10S-0.50	IPK1861-04	soil		11/15/06	X	X	X	X	X			X	X	X	X	X
CPA-10S-05	IPK1861-05	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-10S-10	IPK1861-06	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-03D-05	IPK1861-07	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-03D-10	IPK1861-08	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-03D-20	IPK1861-09	soil		11/15/06	X				X							
CPA-02D-50MS	IPK1861-02MS	soil	MS	11/15/06		X			X	X						
CPA-02D-50MSD	IPK1861-02MSD	soil	MSD	11/15/06		X			X	X						
CPA-10S-05MS	IPK1861-05MS	soil	MS	11/15/06								X				
CPA-10S-05MSD	IPK1861-05MSD	soil	MSD	11/15/06								X				
CPA-03D-05MS	IPK1861-07MS	soil	MS	11/15/06								X				
CPA-03D-05MSD	IPK1861-07MSD	soil	MSD	11/15/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1861/CPK8659/A6C5257/TAC06111757/06E-0813-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16313A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
CPA-02D-50	IPK1861-02	soil		11/15/06	X		X	X	X							
CPA-10S-0.25	IPK1861-03	soil		11/15/06		X										
CPA-10S-0.50	IPK1861-04	soil		11/15/06	X		X	X	X							
CPA-10S-05	IPK1861-05	soil		11/15/06	X		X	X	X							
CPA-10S-10	IPK1861-06	soil		11/15/06	X		X	X	X							
CPA-03D-05	IPK1861-07	soil		11/15/06	X		X	X	X							
CPA-03D-10	IPK1861-08	soil		11/15/06	X		X	X	X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1861 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16313A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9040B)				
CPA-02D-50	IPK1861-02	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-10S-0.50	IPK1861-04	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-10S-05	IPK1861-05	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-10S-10	IPK1861-06	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-03D-05	IPK1861-07	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-03D-10	IPK1861-08	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-02D-50MS	IPK1861-02MS	soil	MS	11/15/06		X				X						
CPA-02D-50MSD	IPK1861-02MSD	soil	MSD	11/15/06		X				X						
CPA-02D-50DUP	IPK1861-02DUP	soil	DUP	11/15/06	X							X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1865/A6C5259 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16313B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals (6010B/7000)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-03D-30	IPK1865-01	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-03D-40	IPK1865-02	soil		11/15/06	X				X							
CPA-03D-50	IPK1865-03	soil		11/15/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1865/CPK0658/TAC06111756/06E-0814-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16313B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)								
CPA-03D-30	IPK1865-01	soil		11/15/06	X	X	X	X								
CPA-03D-50	IPK1865-03	soil		11/15/06	X	X	X	X								
CPA-03D-30MS	IPK1865-01MS	soil	MS	11/15/06		X	X									
CPA-03D-30MSD	IPK1865-01MSD	soil	MSD	11/15/06		X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK1865 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16313B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
CPA-03D-30	IPK1865-01	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-03D-50	IPK1865-03	soil		11/15/06	X	X	X	X	X	X	X	X				
CPA-03D-30MS	IPK1865-01MS	soil	MS	11/15/06					X							
CPA-03D-30MSD	IPK1865-01MSD	soil	MSD	11/15/06					X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2022/A6C6532 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460F

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-04D-05	IPK2022-01	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-04D-10	IPK2022-02	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-04D-20	IPK2022-03	soil		11/16/06	X				X							
CPA-04D-30	IPK2022-04	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-04D-40	IPK2022-05	soil		11/16/06	X				X							
CPA-04D-50	IPK2022-06	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-05D-0.25	IPK2022-07	soil		11/16/06						X	X					
CPA-05D-0.5	IPK2022-08	soil		11/16/06	X	X	X	X	X			X	X	X	X	X
CPA-05D-05	IPK2022-09	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-05D-10	IPK2022-10	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-05D-20	IPK2022-11	soil		11/16/06	X				X							
CPA-05D-30	IPK2022-12	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-05D-40	IPK2022-13	soil		11/16/06	X				X							
CPA-05D-50	IPK2022-14	soil		11/16/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-04D-05MS	IPK2022-01MS	soil	MS	11/16/06								X	X			X
CPA-04D-05MSD	IPK2022-01MSD	soil	MSD	11/16/06								X	X			X
CPA-04D-10DUP	IPK2022-02DUP	soil	DUP	11/16/06							X					
CPA-04D-50DUP	IPK2022-06DUP	soil	DUP	11/16/06										X		

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2022/A6C6532 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460F

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-05D-10MS	IPK2022-10MS	soil	MS	11/16/06					X	X	X					
CPA-05D-10MSD	IPK2022-10MSD	soil	MSD	11/16/06					X	X	X					
CPA-05D-30MS	IPK2022-12MS	soil	MS	11/16/06			X					X		X		
CPA-05D-30MSD	IPK2022-12MSD	soil	MS	11/16/06			X					X		X		
CPA-05D-30DUP	IPK2022-12DUP	soil	DUP	11/16/06										X		
CPA-05D-50MS	IPK2022-06MS	soil	MS	11/16/06										X		
CPA-05D-50MSD	IPK2022-06MSD	soil	MSD	11/16/06										X		

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2022/CPK0698/A6C6532/TAC06112025/06E-0816-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460F

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
CPA-04D-05	IPK2022-01	soil		11/16/06	X		X	X	X							
CPA-04D-10	IPK2022-02	soil		11/16/06	X		X	X	X							
CPA-04D-30	IPK2022-04	soil		11/16/06	X		X	X	X							
CPA-04D-50	IPK2022-06	soil		11/16/06	X		X	X	X							
CPA-05D-0.25	IPK2022-07	soil		11/16/06		X										
CPA-05D-0.5	IPK2022-08	soil		11/16/06	X		X	X	X							
CPA-05D-05	IPK2022-09	soil		11/16/06	X		X	X	X							
CPA-05D-10	IPK2022-10	soil		11/16/06	X		X	X	X							
CPA-05D-30	IPK2022-12	soil		11/16/06	X		X	X	X							
CPA-05D-50	IPK2022-14	soil		11/16/06	X		X	X	X							
CPA-05D-30MS	IPK2022-12MS	soil	MS	11/16/06	X											
CPA-05D-30MSD	IPK2022-12MSD	soil	MSD	11/16/06	X											
CPA-05D-0.25MS	IPK2022-07MS	soil	MS	11/16/06		X										
CPA-05D-0.25MSD	IPK2022-07MSD	soil	MSD	11/16/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2022 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460F

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
CPA-04D-05	IPK2022-01	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-04D-10	IPK2022-02	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-04D-30	IPK2022-04	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-04D-50	IPK2022-06	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-05D-0.5	IPK2022-08	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-05D-05	IPK2022-09	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-05D-10	IPK2022-10	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-05D-30	IPK2022-12	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-05D-50	IPK2022-14	soil		11/16/06	X	X	X	X	X	X	X	X				
CPA-04D-05DUP	IPK2022-01DUP	soil	DUP	11/16/06								X				
CPA-04D-30DUP	IPK2022-04DUP	soil	DUP	11/16/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2191/A6C6520 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-06D-05	IPK2191-01	soil		11/17/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-06D-10	IPK2191-02	soil		11/17/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-06D-20	IPK2191-03	soil		11/17/06	X				X							
CPA-06D-30	IPK2191-04	soil		11/17/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-06D-40	IPK2191-05	soil		11/17/06	X				X							
CPA-06D-50	IPK2191-06	soil		11/17/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-12S-0.25	IPK2191-07	soil		11/17/06						X	X					
CPA-12S-0.50	IPK2191-08	soil		11/17/06	X	X	X	X	X			X	X	X	X	X
CPA-12S-05	IPK2191-09	soil		11/17/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-12S-10	IPK2191-10	soil		11/17/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-06D-10MS	IPK2191-02MS	soil	MS	11/17/06			X									
CPA-06D-10MSD	IPK2191-02MSD	soil	MSD	11/17/06			X									
CPA-06D-50MS	IPK2191-06MS	soil	MS	11/17/06								X	X			
CPA-06D-50MSD	IPK2191-06MSD	soil	MSD	11/17/06								X	X			
CPA-12S-0.50MS	IPK2191-08MS	soil	MS	11/17/06				X								
CPA-12S-0.50MSD	IPK2191-08MSD	soil	MSD	11/17/06				X								
CPA-12S-05MS	IPK2191-09MS	soil	MS	11/17/06		X										
CPA-12S-05MSD	IPK2191-09MSD	soil	MSD	11/17/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2191/A6C6520 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-12S-10MS	IPK2191-10MS	soil	MS	11/17/06						X						
CPA-12S-10MSD	IPK2191-10MSD	soil	MSD	11/17/06						X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2191/CPK0729/A6C6520/TAC06112109/06E-0815-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
CPA-06D-05	IPK2191-01	soil		11/17/06	X		X	X	X							
CPA-06D-10	IPK2191-02	soil		11/17/06	X		X	X	X							
CPA-06D-30	IPK2191-04	soil		11/17/06	X		X	X	X							
CPA-06D-50	IPK2191-06	soil		11/17/06	X		X	X	X							
CPA-12S-0.25	IPK2191-07	soil		11/17/06		X										
CPA-12S-0.50	IPK2191-08	soil		11/17/06	X		X	X	X							
CPA-12S-05	IPK2191-09	soil		11/17/06	X		X	X	X							
CPA-12S-10	IPK2191-10	soil		11/17/06	X		X	X	X							
CPA-06D-05MS	IPK2191-01MS	soil	MS	11/17/06				X	X							
CPA-06D-05MSD	IPK2191-01MSD	soil	MSD	11/17/06				X	X							
CPA-12S-0.25DUP	IPK2191-07DUP	soil	DUP	11/17/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2191 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
CPA-06D-05	IPK2191-01	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-06D-10	IPK2191-02	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-06D-30	IPK2191-04	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-06D-50	IPK2191-06	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-12S-0.50	IPK2191-08	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-12S-05	IPK2191-09	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-12S-10	IPK2191-10	soil		11/17/06	X	X	X	X	X	X	X	X				
CPA-06D-05MS	IPK2191-01MS	soil	MS	11/17/06		X			X	X	X					
CPA-06D-05MSD	IPK2191-01MSD	soil	MSD	11/17/06		X			X	X	X					
CPA-06D-05DUP	IPK2191-01DUP	soil	DUP	11/17/06	X							X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2846/A6C9807 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-07D-05	IPK2846-01	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-07D-10	IPK2846-02	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-07D-20	IPK2846-03	soil		11/27/06	X				X							
CPA-07D-30	IPK2846-04	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-07D-40	IPK2846-05	soil		11/27/06	X				X							
CPA-07D-50	IPK2846-06	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-08D-05	IPK2846-07	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-08D-10	IPK2846-08	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-08D-20	IPK2846-09	soil		11/27/06	X				X							
CPA-08D-30	IPK2846-10	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-08D-40	IPK2846-11	soil		11/27/06	X				X							
CPA-08D-50	IPK2846-12	soil		11/27/06	X	X	X	X	X	X	X	X	X	X	X	X
CPA-07D-05MS	IPK2846-01MS	soil	MS	11/27/06								X	X			
CPA-07D-05MSD	IPK2846-01MSD	soil	MSD	11/27/06								X	X			
CPA-07D-50MS	IPK2846-06MS	soil	MS	11/27/06		X	X							X		
CPA-07D-50MSD	IPK2846-06MSD	soil	MSD	11/27/06		X	X							X		
CPA-07D-50DUP	IPK2846-06DUP	soil	DUP	11/27/06										X		
CPA-08D-05MS	IPK2846-07MS	soil	MS	11/27/06					X	X	X					X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2846/A6C9807 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-08D-05MSD	IPK2846-07MSD	soil	MSD	11/27/06					X	X	X					X
CPA-08D-05DUP	IPK2846-07DUP	soil	DUP	11/27/06							X					

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2846/CPK0952/TAC06112952/06E-0829-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)								
CPA-07D-05	IPK2846-01	soil		11/27/06	X	X	X	X								
CPA-07D-10	IPK2846-02	soil		11/27/06	X	X	X	X								
CPA-07D-30	IPK2846-04	soil		11/27/06	X	X	X	X								
CPA-07D-50	IPK2846-06	soil		11/27/06	X	X	X	X								
CPA-08D-05	IPK2846-07	soil		11/27/06	X	X	X	X								
CPA-08D-10	IPK2846-08	soil		11/27/06	X	X	X	X								
CPA-08D-30	IPK2846-10	soil		11/27/06	X	X	X	X								
CPA-08D-50	IPK2846-12	soil		11/27/06	X	X	X	X								
CPA-07D-05MS	IPK2846-01MS	soil	MS	11/27/06			X									
CPA-07D-05MSD	IPK2846-01MSD	soil	MSD	11/27/06			X									
CPA-07D-10MS	IPK2846-02MS	soil	MS	11/27/06				X								
CPA-07D-10MSD	IPK2846-02MSD	soil	MSD	11/27/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK2846 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
CPA-07D-05	IPK2846-01	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-07D-10	IPK2846-02	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-07D-30	IPK2846-04	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-07D-50	IPK2846-06	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-08D-05	IPK2846-07	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-08D-10	IPK2846-08	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-08D-30	IPK2846-10	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-08D-50	IPK2846-12	soil		11/27/06	X	X	X	X	X	X	X	X				
CPA-07D-05MS	IPK2846-01MS	soil	MS	11/27/06					X							
CPA-07D-05MSD	IPK2846-01MSD	soil	MSD	11/27/06					X							
CPA-07D-05DUP	IPK2846-01DUP	soil	DUP	11/27/06	X											
CPA-07D-10MS	IPK2846-02MS	soil	MS	11/27/06						X						
CPA-07D-10MSD	IPK2846-02MSD	soil	MSD	11/27/06						X						
CPA-07D-10DUP	IPK2846-02DUP	soil	DUP	11/27/06								X				
CPA-07D-30MS	IPK2846-04MS	soil	MS	11/27/06		X										
CPA-07D-30MSD	IPK2846-04MSD	soil	MSD	11/27/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3018/A6D0494 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460D

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-12D-10	IPK3018-01	soil		11/28/06	X	X	X	X	X	X	X	X	X			
FTF-12D-20	IPK3018-02	soil		11/28/06	X							X	X			
FTF-12D-30	IPK3018-03	soil		11/28/06	X	X	X	X	X	X	X	X	X			
FTF-12D-40	IPK3018-04	soil		11/28/06	X							X	X			
FTF-12D-47	IPK3018-05	soil		11/28/06	X	X	X	X	X	X	X	X	X			
FTF-12D-40MS	IPK3018-04MS	soil	MS	11/28/06								X	X			
FTF-12D-40MSD	IPK3018-04MSD	soil	MSD	11/28/06								X	X			

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3018/CPK0974/TAC06113003 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460D

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Organic Acids (HPLC)	Alde-hydes (8315A)									
FTF-12D-10	IPK3018-01	soil		11/28/06	X	X	X									
FTF-12D-30	IPK3018-03	soil		11/28/06	X	X	X									
FTF-12D-47	IPK3018-05	soil		11/28/06	X	X	X									
FTF-12D-10MS	IPK3018-01MS	soil	MS	11/28/06			X									
FTF-12D-10MSD	IPK3018-01MSD	soil	MSD	11/28/06			X									
FTF-12D-30MS	IPK3018-03MS	soil	MS	11/28/06	X											
FTF-12D-30MSD	IPK3018-03MSD	soil	MSD	11/28/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3018 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460D

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9045C)								
FTF-12D-10	IPK3018-01	soil		11/28/06	X	X	X	X								
FTF-12D-20	IPK3018-02	soil		11/28/06			X									
FTF-12D-30	IPK3018-03	soil		11/28/06	X	X	X	X								
FTF-12D-40	IPK3018-04	soil		11/28/06			X									
FTF-12D-47	IPK3018-05	soil		11/28/06	X	X	X	X								
FTF-12D-10MS	IPK3018-01MS	soil	MS	11/28/06			X									
FTF-12D-10MSD	IPK3018-01MSD	soil	MSD	11/28/06			X									
FTF-12D-10DUP	IPK3018-01DUP	soil	DUP	11/28/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3159/A6D1157 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloro acetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-14S-0.5	IPK3159-01	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-14S-05	IPK3159-02	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-14S-10	IPK3159-03	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-16S-0.25	IPK3159-04	soil		11/29/06						X	X					
FTF-16S-0.5	IPK3159-05	soil		11/29/06	X	X	X	X	X			X	X			
FTF-16S-05	IPK3159-06	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-16S-10	IPK3159-07	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-15S-0.5	IPK3159-08	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-15S-05	IPK3159-09	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-15S-10	IPK3159-10	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-17S-0.5	IPK3159-11	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-17S-05	IPK3159-12	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-17S-10	IPK3159-13	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-09D-10	IPK3159-14	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-09D-20	IPK3159-15	soil		11/29/06	X											
FTF-09D-30	IPK3159-16	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-09D-40	IPK3159-17	soil		11/29/06	X											
FTF-09D-45	IPK3159-18	soil		11/29/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3159/A6D1157 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloro acetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-09D-50	IPK3159-19	soil		11/29/06	X	X	X	X	X	X	X	X	X			
FTF-16S-0.5MS	IPK3159-05MS	soil	MS	11/29/06			X									
FTF-16S-0.5MSD	IPK3159-05MSD	soil	MSD	11/29/06			X									
FTF-16S-10MS	IPK3159-07MS	soil	MS	11/29/06				X								
FTF-16S-10MSD	IPK3159-07MSD	soil	MSD	11/29/06				X								
FTF-17S-05MS	IPK3159-12MS	soil	MS	11/29/06		X										
FTF-17S-05MSD	IPK3159-12MSD	soil	MSD	11/29/06		X										
FTF-09D-50MS	IPK3159-19MS	soil	MS	11/29/06								X	X			
FTF-09D-50MSD	IPK3159-19MSD	soil	MSD	11/29/06								X	X			

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3159/CPL0007/A6D1157/TAC06120156 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)								
FTF-14S-0.5	IPK3159-01	soil		11/29/06	X		X	X								
FTF-14S-05	IPK3159-02	soil		11/29/06	X		X	X								
FTF-14S-10	IPK3159-03	soil		11/29/06	X		X	X								
FTF-16S-0.25	IPK3159-04	soil		11/29/06		X										
FTF-16S-0.5	IPK3159-05	soil		11/29/06	X		X	X								
FTF-16S-05	IPK3159-06	soil		11/29/06	X		X	X								
FTF-16S-10	IPK3159-07	soil		11/29/06	X		X	X								
FTF-15S-0.5	IPK3159-08	soil		11/29/06	X		X	X								
FTF-15S-05	IPK3159-09	soil		11/29/06	X		X	X								
FTF-15S-10	IPK3159-10	soil		11/29/06	X		X	X								
FTF-17S-0.5	IPK3159-11	soil		11/29/06	X		X	X								
FTF-17S-05	IPK3159-12	soil		11/29/06	X		X	X								
FTF-17S-10	IPK3159-13	soil		11/29/06	X		X	X								
FTF-09D-10	IPK3159-14	soil		11/29/06	X		X	X								
FTF-09D-30	IPK3159-16	soil		11/29/06	X		X	X								
FTF-09D-50	IPK3159-19	soil		11/29/06	X		X	X								
FTF-14S-0.5MS	IPK3159-01MS	soil	MS	11/29/06			X									
FTF-14S-0.5MSD	IPK3159-01MSD	soil	MSD	11/29/06			X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3159/CPL0007/A6D1157/TAC06120156 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)								
FTF-09D-10MS	IPK3159-14MS	soil	MS	11/29/06	X											
FTF-09D-10MSD	IPK3159-14MSD	soil	MSD	11/29/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3159 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9045C)								
FTF-14S-0.5	IPK3159-01	soil		11/29/06	X	X	X	X								
FTF-14S-05	IPK3159-02	soil		11/29/06	X	X	X	X								
FTF-14S-10	IPK3159-03	soil		11/29/06	X	X	X	X								
FTF-16S-0.5	IPK3159-05	soil		11/29/06	X	X	X	X								
FTF-16S-05	IPK3159-06	soil		11/29/06	X	X	X	X								
FTF-16S-10	IPK3159-07	soil		11/29/06	X	X	X	X								
FTF-15S-0.5	IPK3159-08	soil		11/29/06	X	X	X	X								
FTF-15S-05	IPK3159-09	soil		11/29/06	X	X	X	X								
FTF-15S-10	IPK3159-10	soil		11/29/06	X	X	X	X								
FTF-17S-0.5	IPK3159-11	soil		11/29/06	X	X	X	X								
FTF-17S-05	IPK3159-12	soil		11/29/06	X	X	X	X								
FTF-17S-10	IPK3159-13	soil		11/29/06	X	X	X	X								
FTF-09D-10	IPK3159-14	soil		11/29/06	X	X	X	X								
FTF-09D-30	IPK3159-16	soil		11/29/06	X	X	X	X								
FTF-09D-50	IPK3159-19	soil		11/29/06	X	X	X	X								
FTF-14S-0.5MS	IPK3159-01MS	soil	MS	11/29/06			X									
FTF-14S-0.5MSD	IPK3159-01MSD	soil	MSD	11/29/06			X									
FTF-15S-05DUP	IPK3159-09DUP	soil	DUP	11/29/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0001/A6D2248 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16487A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-10D-10	IPL0001-01	soil		11/30/06	X	X	X	X	X	X	X	X	X			
FTF-10D-20	IPL0001-02	soil		11/30/06	X											
FTF-10D-30	IPL0001-03	soil		11/30/06	X	X	X	X	X	X	X	X	X			
FTF-10D-40	IPL0001-04	soil		11/30/06	X											
FTF-10D-45	IPL0001-05	soil		11/30/06	X											
FTF-10D-50	IPL0001-06	soil		11/30/06	X	X	X	X	X	X	X	X	X			
FTF-13D-10	IPL0001-07	soil		11/30/06	X	X	X	X	X	X	X	Hg				
FTF-13D-20	IPL0001-08	soil		11/30/06	X	X	X	X	X	X	X	Hg				
FTF-13D-30	IPL0001-09	soil		11/30/06	X	X	X	X	X	X	X	Hg				
FTF-10D-50MS	IPL0001-06MS	soil	MS	11/30/06					X	X		X	X			
FTF-10D-50MSD	IPL0001-06MSD	soil	MSD	11/30/06					X	X		X	X			
FTF-13D-10MS	IPL0001-07MS	soil	MS	11/30/06				X								
FTF-13D-10MSD	IPL0001-07MSD	soil	MSD	11/30/06				X								
FTF-13D-30MS	IPL0001-09MS	soil	MS	11/30/06								Hg				
FTF-13D-30MSD	IPL0001-09MSD	soil	MSD	11/30/06								Hg				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0001/CPL0031/TAC06120426 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16487A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**									
FTF-10D-10	IPL0001-01	soil		11/30/06	X	X	X									
FTF-10D-30	IPL0001-03	soil		11/30/06	X	X	X									
FTF-10D-50	IPL0001-06	soil		11/30/06	X	X	X									
FTF-13D-10	IPL0001-07	soil		11/30/06	X	X	X									
FTF-13D-20	IPL0001-08	soil		11/30/06	X	X	X									
FTF-13D-30	IPL0001-09	soil		11/30/06	X	X	X									
FTF-10D-10MS	IPL0001-01MS	soil	MS	11/30/06		X	X									
FTF-10D-10MSD	IPL0001-01MSD	soil	MSD	11/30/06		X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0001 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16487A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Alk. (2320B)**	**Cl (9056)**	**Phos-phorus (365.3)**	**pH (9045C)**								
FTF-10D-10	IPL0001-01	soil		11/30/06	X	X	X	X								
FTF-10D-30	IPL0001-03	soil		11/30/06	X	X	X	X								
FTF-10D-50	IPL0001-06	soil		11/30/06	X	X	X	X								
FTF-13D-10	IPL0001-07	soil		11/30/06	X	X	X	X								
FTF-13D-20	IPL0001-08	soil		11/30/06	X	X	X	X								
FTF-13D-30	IPL0001-09	soil		11/30/06	X	X	X	X								
FTF-10D-10MS	IPL0001-01MS	soil	MS	11/30/06			X									
FTF-10D-10MSD	IPL0001-01MSD	soil	MSD	11/30/06			X									
FTF-10D-10DUP	IPL0001-01DUP	soil	DUP	11/30/06				X								
FTF-10D-30DUP	IPL0001-03DUP	soil	DUP	11/30/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0102/A6D2262 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16494A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-13D-40	IPL0102-01	soil		12/01/06	X	X	X	X	X	X	X	Hg				
FTF-13D-50	IPL0102-02	soil		12/01/06	X	X	X	X	X	X	X	Hg				
FTF-18S-0.5	IPL0102-03	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-18S-05	IPL0102-04	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-18S-10	IPL0102-05	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-20S-0.25	IPL0102-06	soil		12/01/06						X	X					
FTF-20S-0.5	IPL0102-07	soil		12/01/06	X	X	X	X	X			X	X			
FTF-20S-05	IPL0102-08	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-20S-10	IPL0102-09	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-19S-0.5	IPL0102-10	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-19S-05	IPL0102-11	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-19S-10	IPL0102-12	soil		12/01/06	X	X	X	X	X	X	X	X	X			
FTF-13D-50MS	IPL0102-02MS	soil	MS	12/01/06								Hg				
FTF-13D-50MSD	IPL0102-02MSD	soil	MSD	12/01/06								Hg				
FTF-18S-05MS	IPL0102-04MS	soil	MS	12/01/06		X										
FTF-18S-05MSD	IPL0102-04MSD	soil	MSD	12/01/06		X										
FTF-20S-10DUP	IPL0102-09DUP	soil	DUP	12/01/06							X					

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0102/CPL0040/A6D2262/TAC06120654 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16494A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Dioxins (8290)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**								
FTF-13D-40	IPL0102-01	soil		12/01/06	X		X	X								
FTF-13D-50	IPL0102-02	soil		12/01/06	X		X	X								
FTF-18S-0.5	IPL0102-03	soil		12/01/06	X		X	X								
FTF-18S-05	IPL0102-04	soil		12/01/06	X		X	X								
FTF-18S-10	IPL0102-05	soil		12/01/06	X		X	X								
FTF-20S-0.25	IPL0102-06	soil		12/01/06		X										
FTF-20S-0.5	IPL0102-07	soil		12/01/06	X		X	X								
FTF-20S-05	IPL0102-08	soil		12/01/06	X		X	X								
FTF-20S-10	IPL0102-09	soil		12/01/06	X		X	X								
FTF-19S-0.5	IPL0102-10	soil		12/01/06	X		X	X								
FTF-19S-05	IPL0102-11	soil		12/01/06	X		X	X								
FTF-19S-10	IPL0102-12	soil		12/01/06	X		X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0102 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16494A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9045C)								
FTF-13D-40	IPL0102-01	soil		12/01/06	X	X	X	X								
FTF-13D-50	IPL0102-02	soil		12/01/06	X	X	X	X								
FTF-18S-0.5	IPL0102-03	soil		12/01/06	X	X	X	X								
FTF-18S-05	IPL0102-04	soil		12/01/06	X	X	X	X								
FTF-18S-10	IPL0102-05	soil		12/01/06	X	X	X	X								
FTF-20S-0.5	IPL0102-07	soil		12/01/06	X	X	X	X								
FTF-20S-05	IPL0102-08	soil		12/01/06	X	X	X	X								
FTF-20S-10	IPL0102-09	soil		12/01/06	X	X	X	X								
FTF-19S-0.5	IPL0102-10	soil		12/01/06	X	X	X	X								
FTF-19S-05	IPL0102-11	soil		12/01/06	X	X	X	X								
FTF-19S-10	IPL0102-12	soil		12/01/06	X	X	X	X								
FTF-13D-40MS	IPL0102-01MS	soil	MS	12/01/06			X									
FTF-13D-40MSD	IPL0102-01MSD	soil	MSD	12/01/06			X									
FTF-13D-50DUP	IPL0102-02DUP	soil	DUP	12/01/06	X											
FTF-19S-05DUP	IPL0102-11DUP	soil	DUP	12/01/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0289/A6D3186 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16516A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-07D-10	IPL0289-01	soil		12/04/06	X	X	X	X	X	X	X	X	X			
FTF-07D-20	IPL0289-02	soil		12/04/06	X											
FTF-07D-30	IPL0289-03	soil		12/04/06	X	X	X	X	X	X	X	X	X			
FTF-07D-40	IPL0289-04	soil		12/04/06	X											
FTF-07D-45	IPL0289-05	soil		12/04/06	X											
FTF-07D-50	IPL0289-06	soil		12/04/06	X	X	X	X	X	X	X	X	X			
FTF-08D-10	IPL0289-07	soil		12/04/06	X	X	X	X	X	X	X	X	X			
FTF-08D-20	IPL0289-08	soil		12/04/06	X											
FTF-08D-30	IPL0289-09	soil		12/04/06	X	X	X	X	X	X	X	X	X			
FTF-08D-40	IPL0289-10	soil		12/04/06	X											
FTF-08D-50	IPL0289-11	soil		12/04/06	X	X	X	X	X	X	X	X	X			
FTF-07D-10MS	IPL0289-01MS	soil	MS	12/04/06		X					X					
FTF-07D-10MSD	IPL0289-01MSD	soil	MSD	12/04/06		X					X					
FTF-07D-30MS	IPL0289-03MS	soil	MS	12/04/06								X	X			
FTF-07D-30MSD	IPL0289-03MSD	soil	MSD	12/04/06								X	X			
FTF-08D-30MS	IPL0289-09MS	soil	MS	12/04/06					X	X						
FTF-08D-30MSD	IPL0289-09MSD	soil	MSD	12/04/06					X	X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0289/CPL0169/TAC06120723 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16516A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**									
FTF-07D-10	IPL0289-01	soil		12/04/06	X	X	X									
FTF-07D-30	IPL0289-03	soil		12/04/06	X	X	X									
FTF-07D-50	IPL0289-06	soil		12/04/06	X	X	X									
FTF-08D-10	IPL0289-07	soil		12/04/06	X	X	X									
FTF-08D-30	IPL0289-09	soil		12/04/06	X	X	X									
FTF-08D-50	IPL0289-11	soil		12/04/06	X	X	X									
FTF-07D-10MS	IPL0289-01MS	soil	MS	12/04/06	X	X	X									
FTF-07D-10MSD	IPL0289-01MSD	soil	MSD	12/04/06	X	X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0289 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16516A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9045C)								
FTF-07D-10	IPL0289-01	soil		12/04/06	X	X	X	X								
FTF-07D-30	IPL0289-03	soil		12/04/06	X	X	X	X								
FTF-07D-50	IPL0289-06	soil		12/04/06	X	X	X	X								
FTF-08D-10	IPL0289-07	soil		12/04/06	X	X	X	X								
FTF-08D-30	IPL0289-09	soil		12/04/06	X	X	X	X								
FTF-08D-50	IPL0289-11	soil		12/04/06	X	X	X	X								
FTF-07D-10DUP	IPL0289-01DUP	soil	DUP	12/04/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0654/A6D4494 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16391A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)			
FTF-11D-10	IPL0654-01	soil		12/06/06	X	X	X	X	X	X	X	X	X			
FTF-11D-20	IPL0654-02	soil		12/06/06	X											
FTF-11D-10MS	IPL0654-01MS	soil	MS	12/06/06		X										
FTF-11D-10MSD	IPL0654-01MSD	soil	MSD	12/06/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0654/CPL0286/TAC06120806 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16391A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**									
FTF-11D-10	IPL0654-01	soil		12/06/06	X	X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0654 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16391A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Alk. (2320B)**	**Cl (9056)**	**Phos-phorus (365.3)**	**pH (9045C)**								
FTF-11D-10	IPL0654-01	soil		12/06/06	X	X	X	X								
FTF-11D-10DUP	IPL0654-01DUP	soil	DUP	12/06/06	X			X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0840/A6D5073 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FTF-11D-30	IPL0840-01	soil		12/07/06	X	X	X	X	X	X	X	X	X			
FTF-11D-40	IPL0840-02	soil		12/07/06	X											
FTF-11D-45	IPL0840-03	soil		12/07/06	X											
FTF-11D-50	IPL0840-04	soil		12/07/06	X	X	X	X	X	X	X	X	X			
FPS-14D-0.5	IPL0840-05	soil		12/07/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-14D-05	IPL0840-06	soil		12/07/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-14D-10	IPL0840-07	soil		12/07/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-14D-20	IPL0840-08	soil		12/07/06	X				X							
FPS-14D-30	IPL0840-09	soil		12/07/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-14D-40	IPL0840-10	soil		12/07/06	X				X							
FPS-14D-45	IPL0840-11	soil		12/07/06	X											
FPS-14D-50	IPL0840-12	soil		12/07/06	X	X	X	X	X	X	X	X	X	X	X	X
FTF-11D-50MS	IPL0840-04MS	soil	MS	12/07/06								X	X			
FTF-11D-50MSD	IPL0840-04MSD	soil	MSD	12/07/06								X	X			
FPS-14D-0.5MS	IPL0840-05MS	soil	MS	12/07/06				X								X
FPS-14D-0.5MSD	IPL0840-05MSD	soil	MSD	12/07/06				X								X
FPS-14D-0.5DUP	IPL0840-05DUP	soil	DUP	12/07/06										X		

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0840/A6D5073 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-14D-05MS	IPL0840-06MS	soil	MS	12/07/06					X	X						
FPS-14D-05MSD	IPL0840-06MSD	soil	MSD	12/07/06					X	X						
FPS-14D-50MS	IPL0840-12MS	soil	MS	12/07/06					X	X						
FPS-14D-50MSD	IPL0840-12MSD	soil	MSD	12/07/06					X	X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0840/CPL0313/TAC06121105/06E-0859-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FTF-11D-30	IPL0840-01	soil		12/07/06	X	X	X									
FTF-11D-50	IPL0840-04	soil		12/07/06	X	X	X									
FPS-14D-0.5	IPL0840-05	soil		12/07/06	X	X	X	X								
FPS-14D-05	IPL0840-06	soil		12/07/06	X	X	X	X								
FPS-14D-10	IPL0840-07	soil		12/07/06	X	X	X	X								
FPS-14D-30	IPL0840-09	soil		12/07/06	X	X	X	X								
FPS-14D-50	IPL0840-12	soil		12/07/06	X	X	X	X								
FPS-14D-0.5MS	IPL0840-05MS	soil	MS	12/07/06				X								
FPS-14D-0.5MSD	IPL0840-05MSD	soil	MSD	12/07/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0840 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FTF-11D-30	IPL0840-01	soil		12/07/06	X		Cl				X	X				
FTF-11D-50	IPL0840-04	soil		12/07/06	X		Cl				X	X				
FPS-14D-0.5	IPL0840-05	soil		12/07/06	X	X	X	X	X	X	X	X				
FPS-14D-05	IPL0840-06	soil		12/07/06	X	X	X	X	X	X	X	X				
FPS-14D-10	IPL0840-07	soil		12/07/06	X	X	X	X	X	X	X	X				
FPS-14D-30	IPL0840-09	soil		12/07/06						X	X					
FPS-14D-50	IPL0840-12	soil		12/07/06						X	X					
FTF-11D-30MS	IPL0840-01MS	soil	MS	12/07/06							X					
FTF-11D-30MSD	IPL0840-01MSD	soil	MSD	12/07/06							X					
FPS-14D-0.5MS	IPL0840-05MS	soil	MS	12/07/06		X			X	X						
FPS-14D-0.5MSD	IPL0840-05MSD	soil	MSD	12/07/06		X			X	X						
FPS-14D-0.5DUP	IPL0840-05DUP	soil	DUP	12/07/06	X											
FPS-14D-05DUP	IPL0840-06DUP	soil	DUP	12/07/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1183/A6D5693 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16415A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-9D-0.5	IPL1183-01	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-9D-5	IPL1183-02	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-9D-10	IPL1183-03	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-9D-20	IPL1183-04	soil		12/11/06	X	X	X		X	X						
FPS-9D-30	IPL1183-05	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-9D-10MS	IPL1183-03MS	soil	MS	12/11/06												X
FPS-9D-10MSD	IPL1183-03MSD	soil	MSD	12/11/06												X
FPS-9D-30MS	IPL1183-05MS	soil	MS	12/11/06								X	X			
FPS-9D-30MSD	IPL1183-05MSD	soil	MSD	12/11/06								X	X			
FPS-9D-5MS	IPL1183-02MS	soil	MS	12/11/06							X					
FPS-9D-5MSD	IPL1183-02MSD	soil	MSD	12/11/06							X					

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1183/CPL0445/TAC06121321/06E-0885-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16415A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-9D-0.5	IPL1183-01	soil		12/11/06	X	X	X	X								
FPS-9D-5	IPL1183-02	soil		12/11/06	X	X	X	X								
FPS-9D-10	IPL1183-03	soil		12/11/06	X	X	X	X								
FPS-9D-30	IPL1183-05	soil		12/11/06	X	X	X	X								
FPS-9D-0.5MS	IPL1183-01MS	soil	MS	12/11/06	X											
FPS-9D-0.5MSD	IPL1183-01MSD	soil	MSD	12/11/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1183 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16415A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-9D-0.5	IPL1183-01	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-9D-5	IPL1183-02	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-9D-10	IPL1183-03	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-9D-30	IPL1183-05	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-9D-0.5MS	IPL1183-01MS	soil	MS	12/11/06					X	X						
FPS-9D-0.5MSD	IPL1183-01MSD	soil	MSD	12/11/06					X	X						
FPS-9D-0.5DUP	IPL1183-01DUP	soil	DUP	12/11/06								X				
FPS-9D-5MS	IPL1183-02MS	soil	MS	12/11/06		X										
FPS-9D-5MSD	IPL1183-02MSD	soil	MSD	12/11/06		X										
FPS-9D-5DUP	IPL1183-02DUP	soil	DUP	12/11/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1184/A6D5748 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16415B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-12D-0.5	IPL1184-01	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-12D-5	IPL1184-02	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-12D-10	IPL1184-03	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-12D-20	IPL1184-04	soil		12/11/06	X	X	X		X	X						
FPS-12D-30	IPL1184-05	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-12D-40	IPL1184-06	soil		12/11/06	X	X	X		X	X						
FPS-12D-45	IPL1184-07	soil		12/11/06	X											
FPS-12D-50	IPL1184-08	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-12D-0.5MS	IPL1184-01MS	soil	MS	12/11/06		X	X									
FPS-12D-0.5MSD	IPL1184-01MSD	soil	MSD	12/11/06		X	X									
FPS-12D-30MS	IPL1184-05MS	soil	MS	12/11/06		X										
FPS-12D-30MSD	IPL1184-05MSD	soil	MSD	12/11/06		X										
FPS-12D-10MS	IPL1184-03MS	soil	MS	12/11/06							X					
FPS-12D-10MSD	IPL1184-03MSD	soil	MSD	12/11/06							X					

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1184/CPL0446/TAC06121322/06E-0869-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16415B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-12D-0.5	IPL1184-01	soil		12/11/06	X	X	X	X								
FPS-12D-5	IPL1184-02	soil		12/11/06	X	X	X	X								
FPS-12D-10	IPL1184-03	soil		12/11/06	X	X	X	X								
FPS-12D-30	IPL1184-05	soil		12/11/06	X	X	X	X								
FPS-12D-50	IPL1184-08	soil		12/11/06	X	X	X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1184 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16415B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-12D-0.5	IPL1184-01	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-12D-5	IPL1184-02	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-12D-10	IPL1184-03	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-12D-30	IPL1184-05	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-12D-50	IPL1184-08	soil		12/11/06	X	X	X	X	X	X	X	X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1185/A6D5732 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16421A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-11S-0.5	IPL1185-01	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-11S-2	IPL1185-02	soil		12/11/06						X	X					
FPS-11S-5	IPL1185-03	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-11S-10	IPL1185-04	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1185/CPL0442//A6D5732/TAC06121323/06E-0870-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16421A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
FPS-11S-0.5	IPL1185-01	soil		12/11/06	X		X	X	X							
FPS-11S-2	IPL1185-02	soil		12/11/06		X										
FPS-11S-5	IPL1185-03	soil		12/11/06	X		X	X	X							
FPS-11S-10	IPL1185-04	soil		12/11/06	X		X	X	X							
FPS-11S-0.5MS	IPL1185-01MS	soil	MS	12/11/06				X								
FPS-11S-0.5MSD	IPL1185-01MSD	soil	MSD	12/11/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1185 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16421A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-11S-0.5	IPL1185-01	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-11S-5	IPL1185-03	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-11S-10	IPL1185-04	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-11S-0.5MS	IPL1185-01MS	soil	MS	12/11/06							X					
FPS-11S-0.5MSD	IPL1185-01MSD	soil	MSD	12/11/06							X					
FPS-11S-0.5DUP	IPL1185-01DUP	soil	DUP	12/11/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1186/A6D5737 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16421B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-16S-0.5	IPL1186-01	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-16S-2	IPL1186-02	soil		12/11/06						X	X					
FPS-16S-5	IPL1186-03	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-16S-10	IPL1186-04	soil		12/11/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-16S-0.5MS	IPL1186-01MS	soil	MS	12/11/06		X										
FPS-16S-0.5MSD	IPL1186-01MSD	soil	MSD	12/11/06		X										
FPS-16S-10MS	IPL1186-04MS	soil	MS	12/11/06				X								
FPS-16S-10MSD	IPL1186-04MSD	soil	MSD	12/11/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1186/CPL0444/A6D5737/TAC06121324/06E-0868-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16421B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
FPS-16S-0.5	IPL1186-01	soil		12/11/06	X		X	X	X							
FPS-16S-2	IPL1186-02	soil		12/11/06		X										
FPS-16S-5	IPL1186-03	soil		12/11/06	X		X	X	X							
FPS-16S-10	IPL1186-04	soil		12/11/06	X		X	X	X							
FPS-16S-0.5MS	IPL1186-01MS	soil	MS	12/11/06			X		X							
FPS-16S-0.5MSD	IPL1186-01MSD	soil	MSD	12/11/06			X		X							
FPS-16S-2DUP	IPL1186-02DUP	soil	DUP	12/11/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1186 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16421B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-16S-0.5	IPL1186-01	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-16S-5	IPL1186-03	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-16S-10	IPL1186-04	soil		12/11/06	X	X	X	X	X	X	X	X				
FPS-16S-0.5MS	IPL1186-01MS	soil	MS	12/11/06					X							
FPS-16S-0.5MSD	IPL1186-01MSD	soil	MSD	12/11/06					X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1330/A6D6380 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-22D-5	IPL1330-01	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-22D-10	IPL1330-02	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-22D-20	IPL1330-03	soil		12/12/06	X	X	X		X							
FPS-22D-30	IPL1330-04	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-22D-40	IPL1330-05	soil		12/12/06	X	X	X		X							
FPS-22D-50	IPL1330-06	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-22D-5MS	IPL1330-01MS	soil	MS	12/12/06			X							X		
FPS-22D-5MSD	IPL1330-01MSD	soil	MSD	12/12/06			X							X		
FPS-22D-5DUP	IPL1330-01DUP	soil	DUP	12/12/06										X		
FPS-22D-30MS	IPL1330-04MS	soil	MS	12/12/06												X
FPS-22D-30MSD	IPL1330-04MSD	soil	MSD	12/12/06												X
FPS-22D-50MS	IPL1330-06MS	soil	MS	12/12/06								X	X			
FPS-22D-50MSD	IPL1330-06MSD	soil	MSD	12/12/06								X	X			

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1330/CPL0497/TAC06121551/06E-0871-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-22D-5	IPL1330-01	soil		12/12/06	X	X	X	X								
FPS-22D-10	IPL1330-02	soil		12/12/06	X	X	X	X								
FPS-22D-30	IPL1330-04	soil		12/12/06	X	X	X	X								
FPS-22D-50	IPL1330-06	soil		12/12/06	X	X	X	X								
FPS-22D-5MS	IPL1330-01MS	soil	MS	12/12/06			X									
FPS-22D-5MSD	IPL1330-01MSD	soil	MSD	12/12/06			X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1330 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-22D-5	IPL1330-01	soil		12/12/06	X	X	X	X	X	X	X	X				
FPS-22D-10	IPL1330-02	soil		12/12/06	X	X	X	X	X	X	X	X				
FPS-22D-30	IPL1330-04	soil		12/12/06	X	X	X	X	X	X	X	X				
FPS-22D-50	IPL1330-06	soil		12/12/06	X	X	X	X	X	X	X	X				
FPS-22D-5DUP	IPL1330-01DUP	soil	DUP	12/12/06	X							X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1331/A6D6383 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**	
PSS-04S-0.5	IPL1331-01	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	
PSS-04S-5	IPL1331-02	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	
PSS-04S-10	IPL1331-03	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	
PSS-04S-20	IPL1331-04	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1331/CPL0498/TAC06121522/06E-0887-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
PSS-04S-0.5	IPL1331-01	soil		12/12/06	X	X	X	X								
PSS-04S-5	IPL1331-02	soil		12/12/06	X	X	X	X								
PSS-04S-10	IPL1331-03	soil		12/12/06	X	X	X	X								
PSS-04S-20	IPL1331-04	soil		12/12/06	X	X	X	X								
PSS-04S-0.5MS	IPL1331-01MS	soil	MS	12/12/06				X								
PSS-04S-0.5MSD	IPL1331-01MSD	soil	MSD	12/12/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1331 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
PSS-04S-0.5	IPL1331-01	soil		12/12/06	X	X	X	X	X	X	X	X				
PSS-04S-5	IPL1331-02	soil		12/12/06	X	X	X	X	X	X	X	X				
PSS-04S-10	IPL1331-03	soil		12/12/06	X	X	X	X	X	X	X	X				
PSS-04S-20	IPL1331-04	soil		12/12/06	X	X	X	X	X	X	X	X				
PSS-04S-0.5MS	IPL1331-01MS	soil	MS	12/12/06						X						
PSS-04S-0.5MSD	IPL1331-01MSD	soil	MSD	12/12/06						X						
PSS-04S-20MS	IPL1331-04MS	soil	MS	12/12/06		X										
PSS-04S-20MSD	IPL1331-04MSD	soil	MSD	12/12/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1332/A6D6399 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-9D-40	IPL1332-01	soil		12/12/06	X				X							
FPS-9D-45	IPL1332-02	soil		12/12/06	X											
FPS-9D-50	IPL1332-03	soil		12/12/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1332/CPL0499/TAC06121504/06E-0886-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)								
FPS-9D-50	IPL1332-03	soil		12/12/06	X	X	X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1332 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16579C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-9D-50	IPL1332-03	soil		12/12/06	X	X	X	X	X	X	X	X				
FPS-9D-50MS	IPL1332-03MS	soil	MS	12/12/06						X						
FPS-9D-50MSD	IPL1332-03MSD	soil	MSD	12/12/06						X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1533/A6D7152 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16620A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-08D-0.5	IPL1533-01	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-08D-2	IPL1533-02	soil		12/13/06						X	X					
FPS-08D-5	IPL1533-03	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-08D-10	IPL1533-04	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-08D-20	IPL1533-05	soil		12/13/06	X	X	X		X	X						
FPS-08D-30	IPL1533-06	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-08D-40	IPL1533-07	soil		12/13/06	X	X	X		X	X						
FPS-08D-45	IPL1533-08	soil		12/13/06	X											
FPS-08D-50	IPL1533-09	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-08D-0.5MS	IPL1533-01MS	soil	MS	12/13/06												X
FPS-08D-0.5MSD	IPL1533-01MSD	soil	MSD	12/13/06												X
FPS-08D-20MS	IPL1533-05MS	soil	MS	12/13/06					X	X						
FPS-08D-20MSD	IPL1533-05MSD	soil	MSD	12/13/06					X	X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1533/CPL0522/A6D7152/TAC06121555/06E-0890-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16620A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Dioxins (8290)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**							
FPS-08D-0.5	IPL1533-01	soil		12/13/06	X		X	X	X							
FPS-08D-2	IPL1533-02	soil		12/13/06		X										
FPS-08D-5	IPL1533-03	soil		12/13/06	X		X	X	X							
FPS-08D-10	IPL1533-04	soil		12/13/06	X		X	X	X							
FPS-08D-30	IPL1533-06	soil		12/13/06	X		X	X	X							
FPS-08D-50	IPL1533-09	soil		12/13/06	X		X	X	X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1533 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16620A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-08D-0.5	IPL1533-01	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-08D-5	IPL1533-03	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-08D-10	IPL1533-04	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-08D-30	IPL1533-06	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-08D-50	IPL1533-09	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-08D-0.5MS	IPL1533-01MS	soil	MS	12/13/06		X			X							
FPS-08D-0.5MSD	IPL1533-01MSD	soil	MSD	12/13/06		X			X							
FPS-08D-0.5DUP	IPL1533-01DUP	soil	DUP	12/13/06	X											
FPS-08D-30DUP	IPL1533-06DUP	soil	DUP	12/13/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1538/A6D7145 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16614A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-18D-5	IPL1538-01	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-18D-10	IPL1538-02	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-18D-20	IPL1538-03	soil		12/13/06	X				X							
FPS-18D-30	IPL1538-04	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-18D-40	IPL1538-05	soil		12/13/06	X				X							
FPS-18D-50	IPL1538-06	soil		12/13/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-18D-5MS	IPL1538-01MS	soil	MS	12/13/06								X				
FPS-18D-5MSD	IPL1538-01MSD	soil	MSD	12/13/06								X				
FPS-18D-10DUP	IPL1538-02DUP	soil	DUP	12/13/06							X					
FPS-18D-30MS	IPL1538-04MS	soil	MS	12/13/06		X	X									
FPS-18D-30MSD	IPL1538-04MSD	soil	MSD	12/13/06		X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1538/CPL0521/TAC06121527/06E-0883-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16614A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-18D-5	IPL1538-01	soil		12/13/06	X	X	X	X								
FPS-18D-10	IPL1538-02	soil		12/13/06	X	X	X	X								
FPS-18D-30	IPL1538-04	soil		12/13/06	X	X	X	X								
FPS-18D-50	IPL1538-06	soil		12/13/06	X	X	X	X								
FPS-18D-30MS	IPL1538-04MS	soil	MS	12/13/06	X											
FPS-18D-30MSD	IPL1538-04MSD	soil	MSD	12/13/06	X											
FPS-18D-5MS	IPL1538-01MS	soil	MS	12/13/06		X										
FPS-18D-5MSD	IPL1538-01MSD	soil	MSD	12/13/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1538 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16614A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-18D-5	IPL1538-01	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-18D-10	IPL1538-02	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-18D-30	IPL1538-04	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-18D-50	IPL1538-06	soil		12/13/06	X	X	X	X	X	X	X	X				
FPS-18D-50DUP	IPL1538-06DUP	soil	DUP	12/13/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1718/A6D8468 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-02D-0.5	IPL1718-01	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-02D-2	IPL1718-02	soil		12/14/06						X	X					
FPS-02D-5	IPL1718-03	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-02D-10	IPL1718-04	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-02D-20	IPL1718-05	soil		12/14/06	X				X							
FPS-02D-30	IPL1718-06	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-02D-40	IPL1718-07	soil		12/14/06	X				X							
FPS-02D-45	IPL1718-08	soil		12/14/06	X											
FPS-02D-50	IPL1718-09	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-02D-0.5MS	IPL1718-01MS	soil	MS	12/14/06								X		X		X
FPS-02D-0.5MSD	IPL1718-01MSD	soil	MSD	12/14/06								X		X		X
FPS-02D-0.5DUP	IPL1718-01DUP	soil	DUP	12/14/06										X		
FPS-02D-5MS	IPL1718-03MS	soil	MS	12/14/06				X								
FPS-02D-5MSD	IPL1718-03MSD	soil	MSD	12/14/06				X								
FPS-02D-30MS	IPL1718-06MS	soil	MS	12/14/06		X										
FPS-02D-30MSD	IPL1718-06MSD	soil	MSD	12/14/06		X										
FPS-02D-50MS	IPL1718-09MS	soil	MS	12/14/06								X	X			

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1718/A6D8468 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-02D-50MSD	IPL1718-09MSD	soil	MSD	12/14/06								X	X			

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1718/CPL0548/A6D8468/TAC06121825/06E-0888-01**SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Ethanol (8015)	Dioxins (8290)	Organic Acids (HPLC)	Alde-hydes (8315A)	White Phos. (7580)							
FPS-02D-0.5	IPL1718-01	soil		12/14/06	X		X	X	X							
FPS-02D-2	IPL1718-02	soil		12/14/06		X										
FPS-02D-5	IPL1718-03	soil		12/14/06	X		X	X	X							
FPS-02D-10	IPL1718-04	soil		12/14/06	X		X	X	X							
FPS-02D-30	IPL1718-06	soil		12/14/06	X		X	X	X							
FPS-02D-50	IPL1718-09	soil		12/14/06	X		X	X	X							
FPS-02D-0.5MS	IPL1718-01MS	soil	MS	12/14/06				X								
FPS-02D-0.5MSD	IPL1718-01MSD	soil	MSD	12/14/06				X								
FPS-02D-2MS	IPL1718-02MS	soil	MS	12/14/06		X										
FPS-02D-2MSD	IPL1718-02MSD	soil	MSD	12/14/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1718 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-02D-0.5	IPL1718-01	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-02D-5	IPL1718-03	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-02D-10	IPL1718-04	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-02D-30	IPL1718-06	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-02D-50	IPL1718-09	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-02D-10DUP	IPL1718-04DUP	soil	DUP	12/14/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1719/A6D8477 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-20D-5	IPL1719-01	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-20D-10	IPL1719-02	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-20D-20	IPL1719-03	soil		12/14/06	X				X							
FPS-20D-30	IPL1719-04	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-20D-40	IPL1719-05	soil		12/14/06	X				X							
FPS-20D-50	IPL1719-06	soil		12/14/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1719/CPL0549/TAC06121826/06E-0889-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-20D-5	IPL1719-01	soil		12/14/06	X	X	X	X								
FPS-20D-10	IPL1719-02	soil		12/14/06	X	X	X	X								
FPS-20D-30	IPL1719-04	soil		12/14/06	X	X	X	X								
FPS-20D-50	IPL1719-06	soil		12/14/06	X	X	X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1719 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-20D-5	IPL1719-01	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-20D-10	IPL1719-02	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-20D-30	IPL1719-04	soil		12/14/06	X	X	X	X	X	X	X	X				
FPS-20D-50	IPL1719-06	soil		12/14/06	X	X	X	X	X	X	X	X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1919/A6D8483 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16675A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-19D-5	IPL1919-01	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-19D-10	IPL1919-02	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-19D-20	IPL1919-03	soil		12/15/06	X				X							
FPS-19D-30	IPL1919-04	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-19D-40	IPL1919-05	soil		12/15/06	X				X							
FPS-19D-50	IPL1919-06	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-19D-45	IPL1919-07	soil		12/15/06	X											
FPS-19D-5MS	IPL1919-01MS	soil	MS	12/15/06				X								
FPS-19D-5MSD	IPL1919-01MSD	soil	MSD	12/15/06				X								
FPS-19D-50MS	IPL1919-06MS	soil	MS	12/15/06					X	X						
FPS-19D-50MSD	IPL1919-06MSD	soil	MSD	12/15/06					X	X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1919/CPL0654/TAC06122003/06E-0882-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16675A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-19D-5	IPL1919-01	soil		12/15/06	X	X	X	X								
FPS-19D-10	IPL1919-02	soil		12/15/06	X	X	X	X								
FPS-19D-30	IPL1919-04	soil		12/15/06	X	X	X	X								
FPS-19D-50	IPL1919-06	soil		12/15/06	X	X	X	X								
FPS-19D-5MS	IPL1919-01MS	soil	MS	12/15/06		X										
FPS-19D-5MSD	IPL1919-01MSD	soil	MSD	12/15/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1919 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16675A

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-19D-5	IPL1919-01	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-19D-10	IPL1919-02	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-19D-30	IPL1919-04	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-19D-50	IPL1919-06	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-19D-5MS	IPL1919-01MS	soil	MS	12/15/06					X							
FPS-19D-5MSD	IPL1919-01MSD	soil	MSD	12/15/06					X							
FPS-19D-5DUP	IPL1919-01DUP	soil	DUP	12/15/06	X							X				
FPS-19D-10MS	IPL1919-02MS	soil	MS	12/15/06		X										
FPS-19D-10MSD	IPL1919-02MSD	soil	MSD	12/15/06		X										

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1920/A6D8491 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-06S-0.5	IPL1920-01	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-06S-5	IPL1920-02	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-06S-10	IPL1920-03	soil		12/15/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-06S-0.5DUP	IPL1920-01DUP	soil		12/15/06										X		
FPS-06S-5MS	IPL1920-02MS	soil	MS	12/15/06								X	X			
FPS-06S-5MSD	IPL1920-02MSD	soil	MSD	12/15/06								X	X			
FPS-06S-10DUP	IPL1920-03DUP	soil	DUP	12/15/06							X					
FPS-06S-10MS	IPL1920-03MS	soil	MS	12/15/06		X										
FPS-06S-10MSD	IPL1920-03MSD	soil	MSD	12/15/06		X										
FPS-06S-0.5MS	IPL1920-01MS	soil	MS	12/15/06										X		
FPS-06S-0.5MSD	IPL1920-01MSD	soil	MSD	12/15/06										X		

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1920/CPL0565/TAC06122002/06E-0884-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-06S-0.5	IPL1920-01	soil		12/15/06	X	X	X	X								
FPS-06S-5	IPL1920-02	soil		12/15/06	X	X	X	X								
FPS-06S-10	IPL1920-03	soil		12/15/06	X	X	X	X								
FPS-06S-10MS	IPL1920-03MS	soil	MS	12/15/06	X											
FPS-06S-10MSD	IPL1920-03MSD	soil	MSD	12/15/06	X											

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL1920 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609C

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-06S-0.5	IPL1920-01	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-06S-5	IPL1920-02	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-06S-10	IPL1920-03	soil		12/15/06	X	X	X	X	X	X	X	X				
FPS-06S-10MS	IPL1920-03MS	soil	MS	12/15/06							X					
FPS-06S-10MSD	IPL1920-03MSD	soil	MSD	12/15/06							X					

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2026/A6D9277 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609D

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
FPS-21D-5	IPL2026-01	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-21D-10	IPL2026-02	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-21D-20	IPL2026-03	soil		12/18/06	X	X	X		X	X						
FPS-21D-30	IPL2026-04	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-21D-40	IPL2026-05	soil		12/18/06	X	X	X		X	X						
FPS-21D-45	IPL2026-06	soil		12/18/06	X											
FPS-21D-50	IPL2026-07	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-21D-5MS	IPL2026-01MS	soil	MS	12/18/06							X	X				
FPS-21D-5MSD	IPL2026-01MSD	soil	MSD	12/18/06							X	X				
FPS-21D-30MS	IPL2026-04MS	soil	MS	12/18/06		X						X	X			
FPS-21D-30MSD	IPL2026-04MSD	soil	MSD	12/18/06		X						X	X			
FPS-21D-50MS	IPL2026-07MS	soil	MS	12/18/06			X									
FPS-21D-50MSD	IPL2026-07MSD	soil	MSD	12/18/06			X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2026/CPL0665/TAC06122029/06E-0881-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609D

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-21D-5	IPL2026-01	soil		12/18/06	X	X	X	X								
FPS-21D-10	IPL2026-02	soil		12/18/06	X	X	X	X								
FPS-21D-30	IPL2026-04	soil		12/18/06	X	X	X	X								
FPS-21D-50	IPL2026-07	soil		12/18/06	X	X	X	X								
FPS-21D-5MS	IPL2026-01MS	soil	MS	12/18/06	X		X	X								
FPS-21D-5MSD	IPL2026-01MSD	soil	MSD	12/18/06	X		X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2026 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609D

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-21D-5	IPL2026-01	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-21D-10	IPL2026-02	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-21D-30	IPL2026-04	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-21D-50	IPL2026-07	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-21D-5MS	IPL2026-01MS	soil	MS	12/18/06							X					
FPS-21D-5MSD	IPL2026-01MSD	soil	MSD	12/18/06							X					
FPS-21D-5DUP	IPL2026-01DUP	soil	DUP	12/18/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2028/A6D9286 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609E

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-04S-0.5	IPL2028-01	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-04S-5	IPL2028-02	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-04S-10	IPL2028-03	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2028/CPL0671/TAC06122030/06E-0893-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609E

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-04S-0.5	IPL2028-01	soil		12/18/06	X	X	X	X								
FPS-04S-5	IPL2028-02	soil		12/18/06	X	X	X	X								
FPS-04S-10	IPL2028-03	soil		12/18/06	X	X	X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2028 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16609E

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-04S-0.5	IPL2028-01	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-04S-5	IPL2028-02	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-04S-10	IPL2028-03	soil		12/18/06	X	X	X	X	X	X	X	X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2029/A6D9295 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16614B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020)	Acid Extract. Sulfur	GRO (8015)	EFH (8015)
CPA-11S-0.5	IPL2029-01	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2029/CPL0669/TAC06122007/06E-0892-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16614B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
CPA-11S-0.5	IPL2029-01	soil		12/18/06	X	X	X	X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2029 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16614B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
CPA-11S-0.5	IPL2029-01	soil		12/18/06	X	X	X	X	X	X	X	X				
CPA-11S-0.5MS	IPL2029-01MS	soil	MS	12/18/06						X						
CPA-11S-0.5MSD	IPL2029-01MSD	soil	MSD	12/18/06						X						

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2030/A6D9289 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16620B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**VOA (8260B)**	**SVOA (8270C)**	**1,4-Dioxane (8270C)**	**Di/Tri-chloroacetaldehyde**	**Pest. (8081A)**	**PCBs (8082)**	**PCB Cong. (1668A)**	**Metals & Hg (SW846)**	**Metals (6020)**	**Acid Extract. Sulfur**	**GRO (8015)**	**EFH (8015)**
FPS-01S-0.5	IPL2030-01	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-01S-5	IPL2030-02	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X
FPS-01S-10	IPL2030-03	soil		12/18/06	X	X	X	X	X	X	X	X	X	X	X	X

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2030/CPL0672/TAC06122031/06E-0891-01 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16620B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

					Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**QC Type**	**Date Collected**	**Ethanol (8015)**	**Organic Acids (HPLC)**	**Alde-hydes (8315A)**	**White Phos. (7580)**								
FPS-01S-0.5	IPL2030-01	soil		12/18/06	X	X	X	X								
FPS-01S-5	IPL2030-02	soil		12/18/06	X	X	X	X								
FPS-01S-10	IPL2030-03	soil		12/18/06	X	X	X	X								
FPS-01S-0.5MS	IPL2030-01MS	soil	MS	12/18/06				X								
FPS-01S-0.5MSD	IPL2030-01MSD	soil	MSD	12/18/06				X								

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL2030 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16620B

Project Name: Supplemental Soil Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	NH_3-N (350.3)	Br,Cl Fl,SO_4 (9056)	NO_3-N NO_2-N O-PO_4	CN- (9014)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9045C)				
FPS-01S-0.5	IPL2030-01	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-01S-5	IPL2030-02	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-01S-10	IPL2030-03	soil		12/18/06	X	X	X	X	X	X	X	X				
FPS-01S-5DUP	IPL2030-02DUP	soil	DUP	12/18/06								X				

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

Table IB

Water Sample Cross-Reference

SDG#: IPK3019/A6D1135/TAC06120158/CPK1001 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460E

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloro acetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020A)	Organic Acids (HPLC)	Alde-hydes (8315A)	
FTF-12D-GW	IPK3019-01	water		11/28/06	X	X	X	X	X	X	X	X	X	X	X	
FTF-12D-GWMS	IPK3019-01MS	water	MS	11/28/06								X	X		X	
FTF-12D-GWMSD	IPK3019-01MSD	water	MSD	11/28/06								X	X		X	

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPK3019 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16460E

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9040B)									
FTF-12D-GW	IPK3019-01	water		11/28/06	X	X	X	X									
FTF-12D-GWDUP	IPK3019-01DUP	water		11/28/06	X			X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0003/A6D2235/TAC06120554/CPL0037 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475B

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloro acetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020A)	Acid Extract. Sulfur	Organic Acids (HPLC)	Alde-hydes (8315A)
FTF-10D-GW	IPL0003-01	water		11/30/06	X	X	X	X	X	X	X	X	X	X	X	X
FTF-10D-GWMS	IPL0003-01MS	water	MS	11/30/06								X				X
FTF-10D-GWMSD	IPL0003-01MSD	water	MSD	11/30/06								X				X
FTF-10D-GWDUP	IPL0003-01DUP	water		11/30/06										X		

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0003 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16475B

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Cr(VI) (7199)	Phos-phorus (365.3)	pH (9040B)							
FTF-10D-GW	IPL0003-01	water		11/30/06	X	X	X	X	X							
FTF-10D-GWDUP	IPL0003-01DUP	water		11/30/06					X							

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0290/A6D3202/TAC06120722/CPL0167 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399B

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020A)	Organic Acids (HPLC)	Alde-hydes (8315A)	
FTF-07D-GW	IPL0290-01	water		12/04/06	X	X	X	X	X	X	X	X	X	X	X	
FTF-07D-GWMS	IPL0290-01MS	water	MS	12/04/06											X	
FTF-07D-GWMSD	IPL0290-01MSD	water	MSD	12/04/06											X	

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0290 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399B

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9040B)									
FTF-07D-GW	IPL0290-01	water		12/04/06	X	X	X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0841/A6D5105/TAC06121107/CPL0314 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399C

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	VOA (8260B)	SVOA (8270C)	1,4-Dioxane (8270C)	Di/Tri-chloroacetaldehyde	Pest. (8081A)	PCBs (8082)	PCB Cong. (1668A)	Metals & Hg (SW846)	Metals (6020A)	Organic Acids (HPLC)	Alde-hydes (8315A)	
FTF-11D-GW	IPL0841-01	water		12/07/06	X	X	X	X	X	X	X	X	X	X	X	
FTF-11D-GWMS	IPL0841-01MS	water	MS	12/07/06									X		X	
FTF-11D-GWMSD	IPL0841-01MSD	water	MSD	12/07/06									X		X	

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

SDG#: IPL0841 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16399C

Project Name: Supplemental Groundwater Investigation, Henderson, Nevada **Project#:**732.30

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Alk. (2320B)	Cl (9056)	Phos-phorus (365.3)	pH (9040B)									
FTF-11D-GW	IPL0841-01	water		12/07/06	X	X	X	X									

TB = Trip Blank, ER = Equipment Rinsate, FB = Field Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate, DUP = Duplicate,
DL = Dilution, RE = Reanalysis/Reextraction

Shaded cells indicate sample underwent EPA Level IV review

Table II

Qualification Codes And Definitions

Table II. Qualification Codes and Definitions

Code	Definition
1	Holding Times
2	Sample Preservation (Cooler Temp)
3	Sample Custody
4	Missing Deliverables
5	Calibration
6	Field Blanks
7	Laboratory Blanks
8	Matrix Spike (%)
9	Matrix Spike Duplicate or Duplicate Sample (RPD)
10	Laboratory Control Sample
11	ICP Interference Check
12	RPD Between Two Columns
13	Surrogates
14	Field Duplicates
15	Furnace QC
16	ICP Serial Dilution
17	Chemical Recoveries
18	Trip Blanks
19	Internal Standards
20	Linear Range Exceeded
21	Potential False Positives
22	Do not use, other result more technically sound
23	Other

Table IIIA

Overall Qualified Soil Results

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK0629	FBT-03D-20	IPK0629-02	11/6/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK0629	FBT-03D-40	IPK0629-04	11/6/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK0629	FBT-03D-30	IPK0629-03	11/6/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.9	U	ug/kg	UJ	5
IPK0629	FBT-03D-50	IPK0629-05	11/6/2006	Soil	EPA 8260B	2-Butanone (MEK)	12	U	ug/kg	UJ	5
IPK0629	FBT-03D-50	IPK0629-05	11/6/2006	Soil	EPA 8260B	Naphthalene	2.3		ug/kg	J+	10
IPK0629	FBT-03D-50	IPK0629-05	11/6/2006	Soil	EPA 8260B	1,2,3-Trichlorobenzene	86		ug/kg	J+	10
IPK0629	FBT-03D-10	IPK0629-01	11/6/2006	Soil	EPA 8260B	2-Butanone (MEK)	9	U	ug/kg	UJ	5
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	5
IPK0823	FTF-21D-40	IPK0823-04	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	13	U	ug/kg	UJ	5
IPK0823	FTF-21D-20	IPK0823-02	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	13	U	ug/kg	UJ	5
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	14	U	ug/kg	UJ	5
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	5
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK1028	CPA-01D-40	IPK1028-03	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	1000	U	ug/kg	UJ	5
IPK1028	CPA-01D-20	IPK1028-01	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK1028	CPA-09S-0.50	IPK1028-06	11/7/2006	Soil	EPA 8260B	Acetone	40		ug/kg	J+	5
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	12	U	ug/kg	UJ	5
IPK1028	CPA-09S-05	IPK1028-07	11/7/2006	Soil	EPA 8260B	Acetone	36		ug/kg	J+	5
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK1028	CPA-09S-10	IPK1028-08	11/7/2006	Soil	EPA 8260B	Acetone	22		ug/kg	J+	5
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.8	U	ug/kg	UJ	5
IPK1663	CPA-02D-20	IPK1663-03	11/14/2006	Soil	EPA 8260B	Acetone	18		ug/kg	J-	5
IPK1663	CPA-02D-20	IPK1663-03	11/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.8	U	ug/kg	UJ	5
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 8260B	Acetone	24		ug/kg	J-	5
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.2	U	ug/kg	UJ	5
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 8260B	Acetone	18		ug/kg	J-	5
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 8260B	Acetone	9.8	U	ug/kg	UJ	5
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8260B	Acetone	1700	U	ug/kg	UJ	5
IPK1861	CPA-03D-20	IPK1861-09	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPK1861	CPA-03D-20	IPK1861-09	11/15/2006	Soil	EPA 8260B	Acetone	11		ug/kg	J-	5
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	5
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 8260B	Acetone	19		ug/kg	J-	5
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 8260B	Acetone	35		ug/kg	J-	5
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8260B	2-Hexanone	550	U	ug/kg	UJ	5
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	1100	U	ug/kg	UJ	5
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 8260B	Acetone	28		ug/kg	J-	5
IPK1861	CPA-02D-40	IPK1861-01	11/15/2006	Soil	EPA 8260B	2-Hexanone	500	U	ug/kg	UJ	5
IPK1861	CPA-02D-40	IPK1861-01	11/15/2006	Soil	EPA 8260B	2,2-Dichloropropane	99	U	ug/kg	UJ	5
IPK1861	CPA-02D-40	IPK1861-01	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	990	U	ug/kg	UJ	5
IPK1861	CPA-02D-40	IPK1861-01	11/15/2006	Soil	EPA 8260B	Acetone	1500	U	ug/kg	UJ	5
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 8260B	Acetone	30		ug/kg	J-	5
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	12	U	ug/kg	UJ	5
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.6	U	ug/kg	UJ	5
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 8260B	Acetone	10		ug/kg	J-	5
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.6	U	ug/kg	UJ	5
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8260B	2,2-Dichloropropane	110	U	ug/kg	UJ	5
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	1100	U	ug/kg	UJ	5
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 8260B	Acetone	10	U	ug/kg	UJ	5
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK1865	CPA-03D-40	IPK1865-02	11/15/2006	Soil	EPA 8260B	Acetone	11	U	ug/kg	UJ	5
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8260B	Acetone	1700	U	ug/kg	UJ	5
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8260B	2,2-Dichloropropane	110	U	ug/kg	UJ	5
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8260B	2-Hexanone	560	U	ug/kg	UJ	5
IPK1865	CPA-03D-40	IPK1865-02	11/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	6.9	J	ug/kg	J	5
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	6.6	J	ug/kg	J	5
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 8260B	Acetone	22		ug/kg	J-	5
IPK2022	CPA-04D-20	IPK2022-03	11/16/2006	Soil	EPA 8260B	Acetone	11		ug/kg	J-	5
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 8260B	Methylene chloride	820	U	ug/kg	UJ	5
IPK2022	CPA-05D-40	IPK2022-13	11/16/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPK2022	CPA-05D-40	IPK2022-13	11/16/2006	Soil	EPA 8260B	Methylene chloride	920	U	ug/kg	UJ	5
IPK2022	CPA-05D-40	IPK2022-13	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	920	U	ug/kg	UJ	5
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8260B	2-Hexanone	460	U	ug/kg	UJ	5
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8260B	2,2-Dichloropropane	93	U	ug/kg	UJ	5
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	930	U	ug/kg	UJ	5
IPK2022	CPA-05D-20	IPK2022-11	11/16/2006	Soil	EPA 8260B	Methylene chloride	19	U	ug/kg	UJ	5
IPK2022	CPA-05D-20	IPK2022-11	11/16/2006	Soil	EPA 8260B	Toluene	1.9		ug/kg	U	7
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8260B	Methylene chloride	20	U	ug/kg	UJ	5
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8260B	Methylene chloride	21	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8260B	Toluene	1.7		ug/kg	U	7
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 8260B	Acetone	1600	U	ug/kg	UJ	5
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 8260B	Vinyl chloride	210	U	ug/kg	UJ	10
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8260B	Acetone	1400	U	ug/kg	UJ	5
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	820	U	ug/kg	UJ	5
IPK2022	CPA-04D-40	IPK2022-05	11/16/2006	Soil	EPA 8260B	Vinyl chloride	220	U	ug/kg	UJ	10
IPK2022	CPA-04D-40	IPK2022-05	11/16/2006	Soil	EPA 8260B	Methylene chloride	890	U	ug/kg	UJ	5
IPK2022	CPA-04D-40	IPK2022-05	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	890	U	ug/kg	UJ	5
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8260B	2-Hexanone	480	U	ug/kg	UJ	5
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8260B	2,2-Dichloropropane	96	U	ug/kg	UJ	5
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	960	U	ug/kg	UJ	5
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8260B	Acetone	1400	U	ug/kg	UJ	5
IPK2022	CPA-04D-20	IPK2022-03	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.4	U	ug/kg	UJ	5
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 8260B	Methylene chloride	19	U	ug/kg	UJ	5
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8260B	Toluene	2		ug/kg	U	7
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8260B	Methylene chloride	17	U	ug/kg	UJ	5
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 8260B	2,2-Dichloropropane	110	U	ug/kg	UJ	5
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 8260B	2-Hexanone	540	U	ug/kg	UJ	5
IPK2022	CPA-05D-20	IPK2022-11	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 8260B	2-Butanone (MEK)	1100	U	ug/kg	UJ	5
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 8260B	Methylene chloride	970	U	ug/kg	UJ	5
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8260B	Vinyl chloride	240	U	ug/kg	UJ	10
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8260B	Methylene chloride	970	U	ug/kg	UJ	5
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	970	U	ug/kg	UJ	5
IPK2191	CPA-06D-40	IPK2191-05	11/17/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPK2191	CPA-06D-40	IPK2191-05	11/17/2006	Soil	EPA 8260B	Methylene chloride	980	U	ug/kg	UJ	5
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 8260B	Vinyl chloride	240	U	ug/kg	UJ	10
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	970	U	ug/kg	UJ	5
IPK2191	CPA-06D-20	IPK2191-03	11/17/2006	Soil	EPA 8260B	Vinyl chloride	270	U	ug/kg	UJ	10
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5
IPK2191	CPA-06D-20	IPK2191-03	11/17/2006	Soil	EPA 8260B	Methylene chloride	1100	U	ug/kg	UJ	5
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.2	U	ug/kg	UJ	5
IPK2191	CPA-06D-20	IPK2191-03	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	1100	U	ug/kg	UJ	5
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 8260B	Methylene chloride	19	U	ug/kg	UJ	5
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 8260B	Methylene chloride	19	U	ug/kg	UJ	5
IPK2191	CPA-06D-40	IPK2191-05	11/17/2006	Soil	EPA 8260B	2-Butanone (MEK)	980	U	ug/kg	UJ	5
IPK2846	CPA-07D-40	IPK2846-05	11/27/2006	Soil	EPA 8260B	Vinyl chloride	240	U	ug/kg	UJ	10
IPK2846	CPA-08D-20	IPK2846-09	11/27/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.9	U	ug/kg	UJ	5
IPK2846	CPA-08D-40	IPK2846-11	11/27/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.9	U	ug/kg	UJ	5
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8260B	Vinyl chloride	260	U	ug/kg	UJ	10
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 8260B	Vinyl chloride	240	U	ug/kg	UJ	10
IPK2846	CPA-07D-20	IPK2846-03	11/27/2006	Soil	EPA 8260B	Vinyl chloride	320	U	ug/kg	UJ	10
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.4	U	ug/kg	UJ	5
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	5
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.6	U	ug/kg	UJ	5
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 8260B	2-Butanone (MEK)	990	U	ug/kg	UJ	5
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	1000	U	ug/kg	UJ	5
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5
IPK3159	FTF-14S-10	IPK3159-03RE1	11/29/2006	Soil	EPA 8260B	Acetone	18		ug/kg	UJ	5,7
IPK3159	FTF-16S-05	IPK3159-06RE1	11/29/2006	Soil	EPA 8260B	Acetone	21		ug/kg	UJ	5,7
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	370000	U	ug/kg	UJ	5
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	970	U	ug/kg	UJ	5
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 8260B	Vinyl chloride	240	U	ug/kg	UJ	10
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPK3159	FTF-09D-20	IPK3159-15	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	490000	U	ug/kg	UJ	5
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8260B	Vinyl chloride	93000	U	ug/kg	UJ	10
IPK3159	FTF-09D-20	IPK3159-15	11/29/2006	Soil	EPA 8260B	Vinyl chloride	120000	U	ug/kg	UJ	10
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	490000	U	ug/kg	UJ	5
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 8260B	Vinyl chloride	120000	U	ug/kg	UJ	10
IPK3159	FTF-09D-40	IPK3159-17	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	16000	U	ug/kg	UJ	5
IPK3159	FTF-09D-40	IPK3159-17	11/29/2006	Soil	EPA 8260B	Vinyl chloride	4000	U	ug/kg	UJ	10
IPK3159	FTF-09D-45	IPK3159-18	11/29/2006	Soil	EPA 8260B	Vinyl chloride	2400	U	ug/kg	UJ	10
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	4900	U	ug/kg	UJ	5
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8260B	Vinyl chloride	1200	U	ug/kg	UJ	10
IPK3159	FTF-09D-45	IPK3159-18	11/29/2006	Soil	EPA 8260B	2-Butanone (MEK)	9500	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0001	FTF-13D-20	IPL0001-08	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.1	U	ug/kg	UJ	5
IPL0001	FTF-13D-10	IPL0001-07RE1	11/30/2006	Soil	EPA 8260B	Acetone	16		ug/kg	UJ	5,7
IPL0001	FTF-10D-20	IPL0001-02	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	1000	U	ug/kg	UJ	5
IPL0001	FTF-13D-20	IPL0001-08RE1	11/30/2006	Soil	EPA 8260B	Acetone	21		ug/kg	UJ	5,7
IPL0001	FTF-13D-30	IPL0001-09	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	900	U	ug/kg	UJ	5
IPL0001	FTF-10D-45	IPL0001-05	11/30/2006	Soil	EPA 8260B	Vinyl chloride	2600	U	ug/kg	UJ	10
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	900	U	ug/kg	UJ	5
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL0001	FTF-10D-40	IPL0001-04	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	3500	U	ug/kg	UJ	5
IPL0001	FTF-13D-30	IPL0001-09	11/30/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL0001	FTF-10D-45	IPL0001-05	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	10000	U	ug/kg	UJ	5
IPL0001	FTF-13D-10	IPL0001-07	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	5
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	1000	U	ug/kg	UJ	5
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPL0001	FTF-10D-20	IPL0001-02	11/30/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8260B	2-Butanone (MEK)	920	U	ug/kg	UJ	5
IPL0001	FTF-10D-40	IPL0001-04	11/30/2006	Soil	EPA 8260B	Vinyl chloride	860	U	ug/kg	UJ	10
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	12	U	ug/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8260B	Acetone	36		ug/kg	U	7
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8260B	Acetone	25		ug/kg	UJ	5,7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8260B	Acetone	62		ug/kg	U	7
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.7	U	ug/kg	UJ	5
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8260B	Acetone	70		ug/kg	U	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8260B	Acetone	39		ug/kg	UJ	5,7
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8260B	Acetone	55		ug/kg	UJ	5,7
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	18	U	ug/kg	UJ	5
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8260B	Acetone	69		ug/kg	U	7
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8260B	Acetone	40		ug/kg	U	7
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8260B	Acetone	52		ug/kg	U	7
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	830	U	ug/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01RE2	12/1/2006	Soil	EPA 8260B	Acetone	9.6	U	ug/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.6	U	ug/kg	UJ	5
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8260B	Vinyl chloride	210	U	ug/kg	UJ	10
IPL0289	FTF-07D-40	IPL0289-04	12/4/2006	Soil	EPA 8260B	Vinyl chloride	120000	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0289	FTF-07D-40	IPL0289-04	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	470000	U	ug/kg	UJ	5
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.4	U	ug/kg	UJ	5
IPL0289	FTF-08D-20	IPL0289-08	12/4/2006	Soil	EPA 8260B	Carbon tetrachloride	0.76	J	ug/kg	J+	5
IPL0289	FTF-08D-20	IPL0289-08	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 8260B	Acetone	13		ug/kg	UJ	5,7
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 8260B	Vinyl chloride	420000	U	ug/kg	UJ	10
IPL0289	FTF-07D-45	IPL0289-05	12/4/2006	Soil	EPA 8260B	Vinyl chloride	5100	U	ug/kg	UJ	10
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8260B	Carbon tetrachloride	3	J	ug/kg	J+	5
IPL0289	FTF-07D-45	IPL0289-05	12/4/2006	Soil	EPA 8260B	Acetone	30000	U	ug/kg	UJ	5
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	930	U	ug/kg	UJ	5
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8260B	Vinyl chloride	420000	U	ug/kg	UJ	10
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	1700000	U	ug/kg	UJ	5
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8260B	Acetone	2500000	U	ug/kg	UJ	5
IPL0289	FTF-07D-20	IPL0289-02	12/4/2006	Soil	EPA 8260B	Vinyl chloride	51000	U	ug/kg	UJ	10
IPL0289	FTF-07D-20	IPL0289-02	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	210000	U	ug/kg	UJ	5
IPL0289	FTF-07D-20	IPL0289-02	12/4/2006	Soil	EPA 8260B	Acetone	310000	U	ug/kg	UJ	5
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8260B	Acetone	1400	U	ug/kg	UJ	5
IPL0289	FTF-07D-45	IPL0289-05	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	20000	U	ug/kg	UJ	5
IPL0289	FTF-08D-40	IPL0289-10	12/4/2006	Soil	EPA 8260B	Carbon tetrachloride	11		ug/kg	J+	5
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8260B	Acetone	1400	U	ug/kg	UJ	5
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	940	U	ug/kg	UJ	5
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8260B	Methylene chloride	940	U	ug/kg	UJ	10
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL0289	FTF-07D-40	IPL0289-04	12/4/2006	Soil	EPA 8260B	Acetone	710000	U	ug/kg	UJ	5
IPL0289	FTF-08D-40	IPL0289-10	12/4/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPL0840	FPS-14D-45	IPL0840-11	12/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	19000	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8260B	Acetone	20		ug/kg	J-	5
IPL0840	FTF-11D-45	IPL0840-03	12/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	3900	U	ug/kg	UJ	5
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 8260B	Acetone	9.5	U	ug/kg	UJ	5
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 8260B	2-Butanone (MEK)	940	U	ug/kg	UJ	5
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 8260B	Vinyl chloride	25000	U	ug/kg	UJ	10
IPL1183	FPS-9D-20	IPL1183-04	12/11/2006	Soil	EPA 8260B	Vinyl chloride	270	U	ug/kg	UJ	10
IPL1183	FPS-9D-20	IPL1183-04	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	1100	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	23000	U	ug/kg	UJ	5
IPL1184	FPS-12D-40	IPL1184-06	12/11/2006	Soil	EPA 8260B	Vinyl chloride	14000	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	4900	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8260B	Vinyl chloride	1200	U	ug/kg	UJ	10
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	9300	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8260B	Vinyl chloride	5800	U	ug/kg	UJ	10
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 8260B	Vinyl chloride	2300	U	ug/kg	UJ	10
IPL1184	FPS-12D-45	IPL1184-07	12/11/2006	Soil	EPA 8260B	Vinyl chloride	13000	U	ug/kg	UJ	10
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Trichlorofluoromethane	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Trichloroethene	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1,2-Trichloroethane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Styrene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Toluene	0.6	J	ug/kg	J-	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2,3-Trichloropropane	9.3	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Tetrachloroethene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1,2,2-Tetrachloroethane	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	n-Propylbenzene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2,3-Trichlorobenzene	40		ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2,4-Trimethylbenzene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,3,5-Trimethylbenzene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Vinyl chloride	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	o-Xylene	0.5	J	ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	m,p-Xylenes	1.4	J	ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	550000	U	ug/kg	UJ	5
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 8260B	Dichlorodifluoromethane	110000	U	ug/kg	UJ	10
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 8260B	Vinyl chloride	140000	U	ug/kg	UJ	10
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 8260B	Vinyl chloride	26000	U	ug/kg	UJ	10
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	2-Chlorotoluene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Naphthalene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	trans-1,2-Dichloroethene	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 8260B	Dichlorodifluoromethane	21000	U	ug/kg	UJ	10
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Bromomethane	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	4-Methyl-2-pentanone (MIBK)	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	2.2	J	ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,3-Dichloropropane	1.9	U	ug/kg	UJ	13,19

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	4-Chlorotoluene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Acetone	45		ug/kg	J-	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Benzene	5.9		ug/kg	J-	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Bromobenzene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Bromochloromethane	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Dibromomethane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Bromoform	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2-Dibromoethane (EDB)	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.3	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	n-Butylbenzene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	sec-Butylbenzene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	tert-Butylbenzene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Carbon tetrachloride	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Chlorobenzene	30		ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Chloroethane	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Chloroform	2.7		ug/kg	J-	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Chloromethane	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Bromodichloromethane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1-Dichloropropene	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Methylene chloride	19	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	p-Isopropyltoluene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Isopropylbenzene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	2-Hexanone	9.3	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Hexachlorobutadiene	4.7	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Ethylbenzene	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Dibromochloromethane	1.9	U	ug/kg	UJ	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	cis-1,3-Dichloropropene	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2-Dichlorobenzene	390		ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	2,2-Dichloropropane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	Dichlorodifluoromethane	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	trans-1,3-Dichloropropene	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,4-Dichlorobenzene	400		ug/kg	J	13,19
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1-Dichloroethane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2-Dichloroethane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.7	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	cis-1,2-Dichloroethene	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,2-Dichloropropane	1.9	U	ug/kg	UJ	13
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8260B	1,3-Dichlorobenzene	16		ug/kg	J	13,19

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 8260B	Carbon tetrachloride	1.5	J	ug/kg	J+	5
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.8	U	ug/kg	UJ	5
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 8260B	Carbon tetrachloride	1.7	J	ug/kg	J+	5
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	7.5	J	ug/kg	J	5
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8260B	Carbon tetrachloride	1.8	J	ug/kg	J+	5
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8260B	2-Butanone (MEK)	25		ug/kg	J	5
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Trichlorofluoromethane	280	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	2-Chlorotoluene	280	U	ug/kg	UJ	10
IPL1330	FPS-22D-20	IPL1330-03RE1	12/12/2006	Soil	EPA 8260B	Acetone	7.9	J	ug/kg	J-	5
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8260B	Vinyl chloride	220	U	ug/kg	UJ	10
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8260B	Dichlorodifluoromethane	170	U	ug/kg	UJ	10
IPL1330	FPS-22D-5	IPL1330-01RE1	12/12/2006	Soil	EPA 8260B	Acetone	13		ug/kg	J-	5
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.2	U	ug/kg	UJ	5
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Vinyl chloride	280	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	1,2-Dichloroethane	110	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Dichlorodifluoromethane	220	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Chloromethane	280	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Carbon tetrachloride	280	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Bromomethane	280	U	ug/kg	UJ	10
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	Bromodichloromethane	110	U	ug/kg	UJ	10
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8260B	Carbon tetrachloride	0.82	J	ug/kg	J+	5
IPL1330	FPS-22D-10	IPL1330-02RE1	12/12/2006	Soil	EPA 8260B	Acetone	12		ug/kg	J-	5
IPL1330	FPS-22D-20	IPL1330-03	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.7	U	ug/kg	UJ	5
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	110	U	ug/kg	UJ	10
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.4	U	ug/kg	UJ	5
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	12	U	ug/kg	UJ	5
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	2-Chlorotoluene	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Trichlorofluoromethane	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Vinyl chloride	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Acetone	28000	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Bromodichloromethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Bromomethane	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	19000	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Carbon tetrachloride	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Chloroethane	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Chloromethane	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Dichlorodifluoromethane	3700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	1,1-Dichloroethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	1,2-Dichloroethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Trichlorofluoromethane	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Vinyl chloride	4700	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	19000	U	ug/kg	UJ	5
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8260B	Chloroform	22000		ug/kg	J	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1100	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Acetone	17000	U	ug/kg	UJ	5,10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Bromodichloromethane	1100	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Bromomethane	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	2-Butanone (MEK)	11000	U	ug/kg	UJ	5
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Carbon tetrachloride	3000		ug/kg	J	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Chloroethane	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Chloroform	110000		ug/kg	J	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Chloromethane	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	2-Chlorotoluene	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Dichlorodifluoromethane	2200	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	1,1-Dichloroethane	1100	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Chloroethane	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Carbon tetrachloride	1500	J	ug/kg	J	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	1,2-Dichloroethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	1,1-Dichloroethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Dichlorodifluoromethane	3900	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	2-Chlorotoluene	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	1,2-Dichloroethane	1100	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Chloroform	79000		ug/kg	J	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Bromomethane	4800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Bromodichloromethane	1900	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Acetone	29000	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Vinyl chloride	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-40	IPL1332-01	12/12/2006	Soil	EPA 8260B	Trichlorofluoromethane	2800	U	ug/kg	UJ	10
IPL1332	FPS-9D-45	IPL1332-02	12/12/2006	Soil	EPA 8260B	Chloromethane	4800	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Trichlorofluoromethane	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Vinyl chloride	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Vinyl chloride	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Acetone	30000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Bromodichloromethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Bromomethane	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Carbon tetrachloride	32000		ug/kg	J	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	5900	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Chloroform	61000		ug/kg	J	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	2-Chlorotoluene	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	4000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	1,1-Dichloroethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	1,2-Dichloroethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Chloroethane	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Chloroethane	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	39000	U	ug/kg	UJ	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8260B	Chloromethane	9600	U	ug/kg	UJ	10
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	7700	U	ug/kg	R	10
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8260B	Vinyl chloride	9600	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Acetone	88000	U	ug/kg	UJ	5,10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Bromodichloromethane	5900	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Bromomethane	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Trichlorofluoromethane	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Carbon tetrachloride	15000	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Chloroform	5900	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Chloromethane	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	2-Chlorotoluene	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	15000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	12000	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	1,1-Dichloroethane	5900	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	1,2-Dichloroethane	5900	U	ug/kg	UJ	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	59000	U	ug/kg	UJ	5
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8260B	Acetone	30		ug/kg	J-	5
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	7.7	J	ug/kg	J	5
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Acetone	30000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Bromodichloromethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Bromomethane	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Carbon tetrachloride	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Chloroform	23000		ug/kg	J	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	2-Chlorotoluene	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Chloroethane	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	4100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	1,1-Dichloroethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	1,2-Dichloroethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	2000	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Trichlorofluoromethane	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Vinyl chloride	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8260B	Chloromethane	5000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Bromodichloromethane	4600	U	ug/kg	UJ	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8260B	Chloromethane	5100	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Acetone	69000	U	ug/kg	UJ	5,10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Vinyl chloride	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Bromomethane	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	46000	U	ug/kg	UJ	5
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Carbon tetrachloride	6400	J	ug/kg	J	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Chloroethane	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Chloroform	130000		ug/kg	J	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Chloromethane	11000	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	4600	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	2-Chlorotoluene	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Trichlorofluoromethane	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	11000	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	1,2-Dichloroethane	4600	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	1,1-Dichloroethane	4600	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	9200	U	ug/kg	UJ	10
IPL1533	FPS-08D-45	IPL1533-08	12/13/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	11000	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1700	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Acetone	26000	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Chloromethane	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Bromomethane	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Carbon tetrachloride	4500		ug/kg	J	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Chloroethane	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Chloroform	4400		ug/kg	J	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Bromodichloromethane	1700	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	2-Chlorotoluene	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	3500	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	1,1-Dichloroethane	1700	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Trichlorofluoromethane	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	Vinyl chloride	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.6	U	ug/kg	UJ	5
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	1,2-Dichloroethane	1700	U	ug/kg	UJ	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	4400	U	ug/kg	UJ	10
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPL1538	FPS-18D-20	IPL1538-03	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.5	U	ug/kg	UJ	5
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Acetone	1400	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Bromodichloromethane	93	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Bromomethane	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Carbon tetrachloride	350		ug/kg	J	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Chloroethane	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Chloroform	8200		ug/kg	J	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Chloromethane	230	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	2-Chlorotoluene	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Dichlorodifluoromethane	190	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	1,1-Dichloroethane	93	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	1,2-Dichloroethane	93	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	Trichlorofluoromethane	230	U	ug/kg	UJ	10
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	93	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	1,2-Dichloroethane	120	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethane	120	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Dichlorodifluoromethane	230	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	2-Chlorotoluene	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Chloroform	150		ug/kg	J	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Chloroethane	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Carbon tetrachloride	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Chloromethane	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	120	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Trichlorofluoromethane	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Bromomethane	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Chloroethane	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Acetone	1600	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Bromodichloromethane	110	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	1200	U	ug/kg	UJ	5
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Dichlorodifluoromethane	200	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	1100	U	ug/kg	UJ	5
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Carbon tetrachloride	370		ug/kg	J	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Vinyl chloride	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Vinyl chloride	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.6	U	ug/kg	UJ	5
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Acetone	1500	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Bromodichloromethane	99	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Bromomethane	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	990	U	ug/kg	UJ	5
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Carbon tetrachloride	250	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Chloroethane	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Chloroform	99	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	1,2-Dichloroethane	99	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	2-Chlorotoluene	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Bromomethane	290	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethane	99	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Chloroform	13000		ug/kg	J	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	99	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Trichlorofluoromethane	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Vinyl chloride	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Acetone	1800	U	ug/kg	UJ	10
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8260B	Bromodichloromethane	120	U	ug/kg	UJ	10
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8260B	Chloromethane	250	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Chloromethane	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Trichlorofluoromethane	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Vinyl chloride	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Acetone	15000	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Bromodichloromethane	1000	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Bromomethane	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Carbon tetrachloride	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	470	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Chloroform	13000		ug/kg	J	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	2-Chlorotoluene	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Dichlorodifluoromethane	2000	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethane	1000	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	1,2-Dichloroethane	1000	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1000	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Trichlorofluoromethane	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	6.6	J	ug/kg	J	5,10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8260B	Chloroethane	2500	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Bromodichloromethane	470	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	2-Chlorotoluene	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Dichlorodifluoromethane	210	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethane	110	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	1,2-Dichloroethane	110	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	110	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Vinyl chloride	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Trichlorofluoromethane	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Acetone	7100	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8260B	Chloromethane	270	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Bromomethane	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	4700	U	ug/kg	UJ	5
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Carbon tetrachloride	490	J	ug/kg	J	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Chloroethane	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Chloroform	10000		ug/kg	J	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Chloromethane	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	2-Chlorotoluene	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	1200	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	Dichlorodifluoromethane	950	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethane	470	U	ug/kg	UJ	10
IPL1718	FPS-02D-45	IPL1718-08	12/14/2006	Soil	EPA 8260B	1,2-Dichloroethane	470	U	ug/kg	UJ	10
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.2	U	ug/kg	UJ	5
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.6	U	ug/kg	UJ	10
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.5	U	ug/kg	UJ	5
IPL1719	FPS-20D-20	IPL1719-03	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8260B	Acetone	8.4	U	ug/kg	UJ	5
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.4	U	ug/kg	UJ	5
IPL1719	FPS-20D-20	IPL1719-03	12/14/2006	Soil	EPA 8260B	Acetone	16		ug/kg	J-	5
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8260B	Acetone	9.2	U	ug/kg	UJ	5
IPL1719	FPS-20D-20	IPL1719-03	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethene	5.2	U	ug/kg	UJ	10
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8260B	Acetone	14		ug/kg	J-	5
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8260B	Naphthalene	4.2		ug/kg	U	7
IPL1719	FPS-20D-40	IPL1719-05	12/14/2006	Soil	EPA 8260B	Acetone	11	U	ug/kg	UJ	5
IPL1719	FPS-20D-40	IPL1719-05	12/14/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1719	FPS-20D-40	IPL1719-05	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethene	5.4	U	ug/kg	UJ	10
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8260B	Acetone	38		ug/kg	J-	5
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.2	U	ug/kg	UJ	10
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8260B	n-Butylbenzene	4.2		ug/kg	U	7
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethene	5.1	U	ug/kg	UJ	10
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.2	U	ug/kg	UJ	10
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Ethylbenzene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	2,2-Dichloropropane	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,3-Dichloropropane	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	trans-1,2-Dichloroethene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	cis-1,2-Dichloroethene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Dichlorodifluoromethane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Hexachlorobutadiene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethane	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	2-Hexanone	15		ug/kg	J	10,19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Isopropylbenzene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	p-Isopropyltoluene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Methylene chloride	19	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Naphthalene	10		ug/kg	J	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	n-Propylbenzene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,4-Dichlorobenzene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Chloroform	0.85	J	ug/kg	J	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Styrene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Chlorobenzene	1.7	J	ug/kg	J	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Acetone	140		ug/kg	J	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Benzene	1.9		ug/kg	U	7
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Bromobenzene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Bromochloromethane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Bromoform	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Bromomethane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	56		ug/kg	J	5,19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	n-Butylbenzene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	2-Chlorotoluene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	tert-Butylbenzene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,3-Dichlorobenzene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Chloroethane	4.7	U	ug/kg	UJ	19

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2,3-Trichloropropane	9.5	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Chloromethane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,1,2,2-Tetrachloroethane	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	4-Chlorotoluene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Dibromochloromethane	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2-Dibromoethane (EDB)	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2-Dichlorobenzene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	sec-Butylbenzene	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethane	93	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Bromodichloromethane	93	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Bromomethane	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Carbon tetrachloride	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Tetrachloroethene	5.7		ug/kg	J	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Chloroform	93	U	ug/kg	UJ	10
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2,4-Trichlorobenzene	10		ug/kg	J	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	2-Chlorotoluene	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Acetone	1400	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Dichlorodifluoromethane	190	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Chloroethane	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	1,2-Dichloroethane	93	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	93	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Trichlorofluoromethane	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Vinyl chloride	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	950	U	ug/kg	UJ	5
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8260B	1,2-Dichloroethane	95	U	ug/kg	UJ	5
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	1,2-Dibromo-3-chloropropane	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-10	IPL1919-02RE1	12/15/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	1.9	U	ug/kg	UJ	13,19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	o-Xylene	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Vinyl chloride	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,3,5-Trimethylbenzene	8.3		ug/kg	J	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2,4-Trimethylbenzene	6.3		ug/kg	J	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8260B	Chloromethane	230	U	ug/kg	UJ	10
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Trichlorofluoromethane	4.7	U	ug/kg	UJ	19
IPL1919	FPS-19D-45	IPL1919-07	12/15/2006	Soil	EPA 8260B	1,2-Dichloroethane	95	U	ug/kg	UJ	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	1,2,3-Trichlorobenzene	2.8	J	ug/kg	J	19

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	m,p-Xylenes	1.9	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02RE1	12/15/2006	Soil	EPA 8260B	1,2-Dichloroethane	1.9	U	ug/kg	UJ	13,19
IPL1919	FPS-19D-20	IPL1919-03	12/15/2006	Soil	EPA 8260B	Acetone	16		ug/kg	J-	5
IPL1919	FPS-19D-20	IPL1919-03	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.9	U	ug/kg	UJ	5
IPL1919	FPS-19D-20	IPL1919-03	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.5	U	ug/kg	UJ	10
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8260B	Acetone	9.8	U	ug/kg	UJ	5
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	9.8	U	ug/kg	UJ	5
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.9	U	ug/kg	UJ	10
IPL1919	FPS-19D-40	IPL1919-05	12/15/2006	Soil	EPA 8260B	Acetone	1500	U	ug/kg	UJ	5
IPL1919	FPS-19D-40	IPL1919-05	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	1000	U	ug/kg	UJ	5
IPL1919	FPS-19D-45	IPL1919-07	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	950	U	ug/kg	UJ	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8260B	Methyl-tert-butyl Ether (MTBE)	4.7	U	ug/kg	UJ	19
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.8	U	ug/kg	UJ	5
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8260B	Acetone	16		ug/kg	J-	5
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	8.9	U	ug/kg	UJ	5
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.4	U	ug/kg	UJ	10
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8260B	Naphthalene	4.4		ug/kg	U	7
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8260B	Acetone	56		ug/kg	J-	5
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethene	5.3	U	ug/kg	UJ	10
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8260B	Acetone	15		ug/kg	J-	5
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8260B	1,1-Dichloroethene	4.4	U	ug/kg	UJ	10
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8260B	Naphthalene	5.3		ug/kg	U	7
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	61000	U	ug/kg	UJ	5
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Trichlorofluoromethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Carbon tetrachloride	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Chloroethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Chloroform	4900	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	2-Chlorotoluene	2400	J	ug/kg	J	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Dibromochloromethane	4900	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Dichlorodifluoromethane	9700	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	1,1-Dichloroethane	4900	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	1,2-Dichloroethane	4900	U	ug/kg	UJ	5,10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Dibromochloromethane	6100	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	4900	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Bromomethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	1,2,4-Trimethylbenzene	4900	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Vinyl chloride	12000	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Bromochloromethane	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Bromodichloromethane	6100	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Bromomethane	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	tert-Butylbenzene	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Chloroethane	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Chloroform	3200	J	ug/kg	J	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Carbon tetrachloride	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Naphthalene	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	1,1-Dichloroethane	5000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Bromochloromethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Bromodichloromethane	5000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Bromomethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	50000	U	ug/kg	UJ	5
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	tert-Butylbenzene	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Carbon tetrachloride	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Chloroethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Chloroform	2600	J	ug/kg	J	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	2-Chlorotoluene	5800	J	ug/kg	J	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	tert-Butylbenzene	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Dichlorodifluoromethane	9900	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	49000	U	ug/kg	UJ	5
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	1,2-Dichloroethane	5000	U	ug/kg	UJ	5,10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Naphthalene	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	5000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Trichlorofluoromethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	1,2,4-Trimethylbenzene	5000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Vinyl chloride	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Bromochloromethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8260B	Bromodichloromethane	4900	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Dichlorodifluoromethane	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8260B	Dibromochloromethane	5000	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	1,2-Dichloroethane	95	U	ug/kg	UJ	5,10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Bromomethane	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	tert-Butylbenzene	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	2-Chlorotoluene	2400	J	ug/kg	J	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Chloroethane	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Chloroform	95	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	2-Chlorotoluene	240	U	ug/kg	UJ	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Dibromochloromethane	95	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Bromodichloromethane	95	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	1,1-Dichloroethane	95	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	950	U	ug/kg	UJ	5
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Naphthalene	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	95	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Trichlorofluoromethane	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	1,2,4-Trimethylbenzene	95	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Vinyl chloride	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8260B	Vinyl chloride	4600	U	ug/kg	UJ	10
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	18000	U	ug/kg	UJ	5
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Dichlorodifluoromethane	190	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Vinyl chloride	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	1,1-Dichloroethane	6100	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	1,2-Dichloroethane	6100	U	ug/kg	UJ	5,10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Naphthalene	15000	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	6100	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Carbon tetrachloride	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	1,2,4-Trimethylbenzene	6100	U	ug/kg	UJ	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8260B	Bromochloromethane	240	U	ug/kg	UJ	10
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	Benzene	47000		ug/kg	J+	19
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	91000	U	ug/kg	UJ	5
IPL2026	FPS-21D-45	IPL2026-06	12/18/2006	Soil	EPA 8260B	Vinyl chloride	12000	U	ug/kg	UJ	10
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	Chlorobenzene	290000		ug/kg	J+	19
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	Chloroform	9200		ug/kg	J+	19
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	1,1,1,2-Tetrachloroethane	14000	J	ug/kg	J+	19
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	Vinyl chloride	23000	U	ug/kg	UJ	10
IPL2026	FPS-21D-45	IPL2026-06	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	47000	U	ug/kg	UJ	5
IPL2026	FPS-21D-45	IPL2026-06	12/18/2006	Soil	EPA 8260B	Chloromethane	12000	U	ug/kg	UJ	5
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8260B	Carbon tetrachloride	21000	J	ug/kg	J+	19
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8260B	Trichlorofluoromethane	15000	U	ug/kg	UJ	10
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	10	U	ug/kg	UJ	5
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8260B	Chloroethane	5.1	U	ug/kg	UJ	5
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	9	J	ug/kg	J	5
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8260B	Chloroethane	4.6	U	ug/kg	UJ	5
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	11		ug/kg	J	5
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8260B	Chloroethane	4.9	U	ug/kg	UJ	5
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8260B	Chloroethane	5.5	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8260B	Vinyl chloride	300	U	ug/kg	UJ	10
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8260B	1,1,1-Trichloroethane	2.4	U	ug/kg	UJ	5
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	11	U	ug/kg	UJ	5
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8260B	Chloroethane	5.7	U	ug/kg	UJ	5
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8260B	Trichlorofluoromethane	6	U	ug/kg	UJ	5
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8260B	1,2-Dichloroethane	2.4	U	ug/kg	UJ	5
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8260B	Dichlorodifluoromethane	6	U	ug/kg	UJ	5
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8260B	2-Butanone (MEK)	12	U	ug/kg	UJ	5
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8260B	Chloromethane	300	U	ug/kg	UJ	5
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Acenaphthene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Bromophenyl phenyl ether	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chlorophenyl phenyl ether	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chloroaniline	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chlorobenzenethiol	6600	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4,6-Dinitro-2-methylphenol	420	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chlorophenyl methyl sulfide	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chlorophenyl methyl sulfone	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chloro-3-methylphenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Chlorophenyl sulfone	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Methylphenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4,4'-Dichlorobenzophenone	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2-Methylphenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Aniline	420	U	ug/kg	UJ	8,13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Anthracene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzo(a)anthracene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,4-Dimethylphenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	1,2,4,5-Tetrachlorobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	1,2-Diphenylhydrazine/Azobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	1,3-Dichlorobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	1,4-Dichlorobenzene	330	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,2'-/4,4'-Dichlorobenzil	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,4,5-Trichlorophenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2-Nitrophenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,4-Dichlorophenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,4-Dinitrotoluene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,6-Dinitrotoluene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2-Chlorophenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	8,9,13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2-Nitroaniline	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2,4,6-Trichlorophenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Octachlorostyrene	3300	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzoic acid	830	U	ug/kg	UJ	9,13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Hexachloroethane	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Isophorone	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Naphthalene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5,13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Nitrobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	N-Nitrosodimethylamine	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Hexachlorobutadiene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	N-Nitrosodiphenylamine	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Hexachlorobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Pentachlorobenzene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Pentachlorophenol	830	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Phenanthrene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Phenol	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Phenyl disulfide	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Phenyl sulfide	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Pyrene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Thiophenol	6600	U	ug/kg	UJ	13
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	N-Nitroso-di-n-propylamine	250	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	13
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzophenone	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2-Chloronaphthalene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Bis(2-chloroethoxy)methane	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Bis(2-chloroethyl)ether	170	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Bis(2-chloroisopropyl)ether	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Bis(2-ethylhexyl)phthalate	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	bis(4-chlorophenyl)disulfide	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Chrysene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Dibenzofuran	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Diethyl phthalate	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Dimethyl phthalate	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Di-n-octyl phthalate	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Diphenyl sulfone	6600	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Pyridine	200	U	ug/kg	UJ	9,13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Fluoranthene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Fluorene	330	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Butyl benzyl phthalate	330	U	ug/kg	UJ	13
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	2-Methylnaphthalene	330	U	ug/kg	UJ	13
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330		ug/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330		ug/kg	U	7
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330		ug/kg	U	7
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330		ug/kg	U	7
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	9
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	9
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8270C	Benzoic acid	830	U	ug/kg	UJ	8,9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	19
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	5
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	1,3-Dichlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Octachlorostyrene	3300	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Pentachlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Pentachlorophenol	830	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Phenanthrene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Phenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	N-Nitroso-di-n-propylamine	250	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Phenyl sulfide	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	N-Nitrosodimethylamine	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Pyrene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Thiophenol	6600	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	1,2,4,5-Tetrachlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Diethyl phthalate	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Phenyl disulfide	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Hexachlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Dimethyl phthalate	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Di-n-octyl phthalate	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Pyridine	200	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Anthracene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Diphenyl sulfone	6600	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	N-Nitrosodiphenylamine	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Fluorene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	1,4-Dichlorobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Hexachlorobutadiene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Hexachloroethane	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Isophorone	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Naphthalene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Nitrobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Fluoranthene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chlorophenyl sulfone	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	1,2-Diphenylhydrazine/Azobenzene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Bromophenyl phenyl ether	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chloro-3-methylphenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chloroaniline	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chlorobenzenethiol	6600	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chlorophenyl methyl sulfide	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4,4'-Dichlorobenzophenone	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chlorophenyl phenyl ether	330	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Methylphenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Acenaphthene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Aniline	420	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4-Chlorophenyl methyl sulfone	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2-Chloronaphthalene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,2'-/4,4'-Dichlorobenzil	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,4,5-Trichlorophenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,4,6-Trichlorophenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,4-Dichlorophenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,4-Dimethylphenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	4,6-Dinitro-2-methylphenol	420	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,6-Dinitrotoluene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2-Chlorophenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2-Methylnaphthalene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2-Methylphenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2-Nitroaniline	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2-Nitrophenol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	2,4-Dinitrotoluene	330	U	ug/kg	UJ	13
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8270C	Pyridine	200	U	ug/kg	UJ	9
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	13
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	9
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8270C	Benzoic acid	830	U	ug/kg	UJ	9
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Dibenzofuran	330	U	ug/kg	UJ	13
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	8
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzo(a)anthracene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzoic acid	830	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Bis(2-ethylhexyl)phthalate	330	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Chrysene	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Butyl benzyl phthalate	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	bis(4-chlorophenyl)disulfide	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Bis(2-chloroisopropyl)ether	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Bis(2-chloroethyl)ether	170	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Bis(2-chloroethoxy)methane	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	13
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Benzophenone	330	U	ug/kg	UJ	13
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Chrysene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	19
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	5,19
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	19
IPK3018	FTF-12D-47	IPK3018-05RE1	11/28/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 8270C	Benzoic acid	240	J	ug/kg	J+	5
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	N-Nitrosodimethylamine	330	U	ug/kg	UJ	9
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	Pyridine	200	U	ug/kg	UJ	8,9
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	8,9
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	Benzoic acid	830	U	ug/kg	UJ	9
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	Aniline	420	U	ug/kg	UJ	8
IPK3159	FTF-15S-10	IPK3159-10RE1	11/29/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	1,3-Dichlorobenzene	330	U	ug/kg	UJ	9
IPL0001	FTF-13D-10	IPL0001-07	11/30/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0001	FTF-13D-20	IPL0001-08RE1	11/30/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0001	FTF-13D-20	IPL0001-08RE1	11/30/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0001	FTF-13D-20	IPL0001-08RE1	11/30/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8270C	2,5-Dimethylheptane	2000		ug/kg	U	7
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8270C	2,5-Dimethylheptane	2100		ug/kg	U	7
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8270C	2,5-Dimethylheptane	2000		ug/kg	U	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	4100	U	ug/kg	UJ	5
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	4100	U	ug/kg	UJ	5
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8270C	2,5-Dimethylheptane	1800		ug/kg	U	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8270C	2,5-Dimethylheptane	1800		ug/kg	U	7
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	3300	U	ug/kg	UJ	5
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	1300	U	ug/kg	UJ	5
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	1700	U	ug/kg	UJ	5
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	1700	U	ug/kg	UJ	5
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	3300	U	ug/kg	UJ	5
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	4100	U	ug/kg	UJ	5
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8270C	4-Nitrophenol	4100	U	ug/kg	UJ	5
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	8,9
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8270C	N-Nitrosodimethylamine	330	U	ug/kg	UJ	8
IPL0289	FTF-07D-30	IPL0289-03RE1	12/4/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330		ug/kg	U	7
IPL0289	FTF-07D-30	IPL0289-03RE1	12/4/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330		ug/kg	U	7
IPL0289	FTF-07D-30	IPL0289-03RE1	12/4/2006	Soil	EPA 8270C	1,4-Dichlorobenzene	1300		ug/kg	U	7
IPL0289	FTF-07D-30	IPL0289-03RE1	12/4/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0289	FTF-07D-50	IPL0289-06RE1	12/4/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	8,9
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	2,5-Dimethylheptane	1700		ug/kg	U	7
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-50	IPL0840-12RE1	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330		ug/kg	U	7
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330		ug/kg	U	7
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0840	FTF-11D-50	IPL0840-04RE1	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FTF-11D-30	IPL0840-01RE1	12/7/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330		ug/kg	U	7
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-20	IPL1183-04RE1	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL1183	FPS-9D-30	IPL1183-05RE1	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	3-Nitroaniline	820	U	ug/kg	UJ	5
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330		ug/kg	U	7
IPL1184	FPS-12D-40	IPL1184-06	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	2100	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	2100	U	ug/kg	UJ	5
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	2,4-Dinitrophenol	1600	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-20	IPL1184-04	12/11/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	5
IPL1184	FPS-12D-10	IPL1184-03RE1	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-0.5	IPL1184-01RE1	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	4-Nitrophenol	2100	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	2100	U	ug/kg	UJ	5
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8270C	1,2,4,5-Tetrachlorobenzene	440		ug/kg	U	7
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	960		ug/kg	U	7
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8270C	1,4-Dichlorobenzene	350		ug/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 8270C	1,2,4,5-Tetrachlorobenzene	10000		ug/kg	J	7
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	8300	U	ug/kg	UJ	5
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	8300	U	ug/kg	UJ	5
IPL1185	FPS-11S-5	IPL1185-03RE1	12/11/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	260000		ug/kg	J	7
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330		ug/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330		ug/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8270C	1,4-Dichlorobenzene	330		ug/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	330		ug/kg	U	7
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	2100	U	ug/kg	UJ	5
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 8270C	Aniline	1000	U	ug/kg	UJ	9
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8270C	1,2,4,5-Tetrachlorobenzene	330		ug/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	340		ug/kg	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1330	FPS-22D-20	IPL1330-03	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1330	FPS-22D-40	IPL1330-05	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1330	FPS-22D-20	IPL1330-03	12/12/2006	Soil	EPA 8270C	2,5-Dimethylheptane	1900		ug/kg	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 8270C	Acenaphthylene	660	U	ug/kg	UJ	5
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8270C	Acenaphthylene	1600	U	ug/kg	UJ	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8270C	Acenaphthylene	660	U	ug/kg	UJ	5
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	5
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8270C	Pyridine	200	U	ug/kg	UJ	9
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Benzo(a)pyrene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	3300	U	ug/kg	UJ	5
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Benzo(a)pyrene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	2,2'-/4,4'-Dichlorobenzil	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	1700	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Pyrene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	3300	U	ug/kg	UJ	5,19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Benzo(a)anthracene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Chrysene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Di-n-octyl phthalate	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	1700	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Butyl benzyl phthalate	1300	U	ug/kg	UJ	19
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Bis(2-ethylhexyl)phthalate	1300	U	ug/kg	UJ	19
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	bis(4-chlorophenyl)disulfide	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Dimethyl phthalate	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzo(k)fluoranthene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Di-n-butyl phthalate	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Dibenzofuran	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Dibenz(a,h)anthracene	420	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Chrysene	53	J	ug/kg	J-	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Di-n-octyl phthalate	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Butyl benzyl phthalate	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Diethyl phthalate	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Bis(2-ethylhexyl)phthalate	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Bis(2-chloroisopropyl)ether	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Bis(2-chloroethyl)ether	170	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Bis(2-chloroethoxy)methane	330	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzyl alcohol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzoic acid	830	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzo(g,h,i)perylene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzo(b)fluoranthene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzo(a)pyrene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Diphenyl sulfone	6600	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzophenone	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	N-Nitrosodimethylamine	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Phenyl sulfide	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Phenyl disulfide	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	3,3-Dichlorobenzidine	830	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Phenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Benzo(a)anthracene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Pentachlorophenol	830	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Pentachlorobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Octachlorostyrene	3300	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Phenanthrene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	N-Nitroso-di-n-propylamine	250	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Fluoranthene	82	J	ug/kg	J-	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Nitrobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	n-Hydroxymethylphthalimide	6600	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Naphthalene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Isophorone	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Indeno(1,2,3-cd)pyrene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Hexachloroethane	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Hexachlorocyclopentadiene	830	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Hexachlorobutadiene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Hexachlorobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	N-Nitrosodiphenylamine	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	1,4-Dichlorobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4,4'-Dichlorobenzophenone	160	J	ug/kg	J-	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2-Chloronaphthalene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,6-Dinitrotoluene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,4-Dinitrotoluene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,4-Dinitrophenol	660	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,4-Dimethylphenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,4-Dichlorophenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,4,6-Trichlorophenol	330	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2-Methylnaphthalene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,2'-/4,4'-Dichlorobenzil	1500		ug/kg	J-	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2-Methylphenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	1,3-Dichlorobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	1,2-Diphenylhydrazine/Azobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	1,2-Dichlorobenzene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	1,2,4-Trichlorobenzene	160	J	ug/kg	J-	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	1,2,4,5-Tetrachlorobenzene	280	J	ug/kg	J-	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Thiophenol	6600	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Pyrene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2,4,5-Trichlorophenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chlorobenzenethiol	6600	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Aniline	420	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Acenaphthylene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Acenaphthene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Nitrophenol	830	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5,13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Methylphenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chlorophenyl sulfone	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chlorophenyl phenyl ether	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2-Chlorophenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chlorophenyl methyl sulfide	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Anthracene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chloroaniline	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chloro-3-methylphenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Bromophenyl phenyl ether	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4,6-Dinitro-2-methylphenol	420	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	3-Nitroaniline	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Fluorene	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2-Nitrophenol	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	2-Nitroaniline	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	4-Chlorophenyl methyl sulfone	330	U	ug/kg	UJ	13
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Pyridine	200	U	ug/kg	UJ	13
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	4200	U	ug/kg	UJ	5
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	8300	U	ug/kg	UJ	5
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	4200	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2026	FPS-21D-40	IPL2026-05	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	8300	U	ug/kg	UJ	5
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	830	U	ug/kg	UJ	5
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8270C	4-Nitroaniline	1700	U	ug/kg	UJ	5
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	10
IPK0823	FTF-21D-30	IPK0823-03RE1	11/7/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	10
IPK0823	FTF-21D-10	IPK0823-01RE1	11/7/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	10
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	10
IPK0823	FTF-21D-50	IPK0823-05RE1	11/7/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	10
IPK1028	CPA-01D-30	IPK1028-02RE1	11/8/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	1
IPK1028	CPA-09S-05	IPK1028-07RE1	11/8/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	1
IPK1028	CPA-09S-0.50	IPK1028-06RE1	11/8/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	1
IPK1028	CPA-09S-10	IPK1028-08RE1	11/8/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	1
IPK1028	CPA-01D-50	IPK1028-04RE1	11/8/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	1
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8270C	1,4-Dioxane	47		ug/kg	J	19
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8270C	1,4-Dioxane	25	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Trichloroacetaldehyde	67	U	ug/kg	UJ	13
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5,13
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0001	FTF-13D-30	IPL0001-09	11/30/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0001	FTF-13D-20	IPL0001-08	11/30/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0001	FTF-13D-10	IPL0001-07	11/30/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 8270C	Dichloroacetaldehyde	3400	U	ug/kg	UJ	5
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	850	U	ug/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	4200	U	ug/kg	UJ	5
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	850	U	ug/kg	UJ	5
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	30	J	ug/kg	J	5
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	850	U	ug/kg	UJ	5
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	1700	U	ug/kg	UJ	5
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	8500	U	ug/kg	UJ	5
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8270C	Dichloroacetaldehyde	18	J	ug/kg	J	5
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	40	J	ug/kg	J	5
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	3400	U	ug/kg	UJ	5
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	1700	U	ug/kg	R	8
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8270C	Trichloroacetaldehyde	670	U	ug/kg	UJ	8
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	4200	U	ug/kg	UJ	5
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8270C	Trichloroacetaldehyde	67	U	ug/kg	UJ	13
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	3400	U	ug/kg	UJ	5
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	1700	U	ug/kg	UJ	5
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5,13
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8270C	Trichloroacetaldehyde	67	U	ug/kg	UJ	13
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5,13
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	340	U	ug/kg	UJ	5
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	170	U	ug/kg	UJ	5
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8270C	Dichloroacetaldehyde	1700	U	ug/kg	UJ	5
IPK1028	CPA-01D-20	IPK1028-01RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	5.0	U	ug/kg	UJ	10
IPK1028	CPA-01D-30	IPK1028-02RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	5.0	U	ug/kg	UJ	10
IPK1028	CPA-01D-40	IPK1028-03RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	5.0	U	ug/kg	UJ	10
IPK1028	CPA-01D-50	IPK1028-04RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	5.0	U	ug/kg	UJ	10
IPK1028	CPA-09S-0.50	IPK1028-06RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	50	U	ug/kg	UJ	10
IPK1028	CPA-09S-05	IPK1028-07RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	5.0	U	ug/kg	UJ	10
IPK1028	CPA-09S-10	IPK1028-08RE1	11/8/2006	Soil	EPA 8081A	Endosulfan II	5.0	U	ug/kg	UJ	10
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2022	CPA-04D-20	IPK2022-03	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2022	CPA-05D-20	IPK2022-11	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	9.9		ug/kg	U	7
IPK2022	CPA-05D-40	IPK2022-13	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2191	CPA-06D-40	IPK2191-05	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	9.9		ug/kg	U	7
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	9.8		ug/kg	U	7
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	500		ug/kg	U	7
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8081A	Endrin aldehyde	5		ug/kg	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8081A	4,4'-DDT	22		ug/kg	J+	5
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	Dieldrin	2	J	ug/kg	J+	13
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	4,4'-DDE	1.6	J	ug/kg	J+	13
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	Endosulfan I	1.6	J	ug/kg	J+	13
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	2,4'-DDD	2.7	J	ug/kg	J+	13
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	4,4'-DDD	2.3	J	ug/kg	J+	13
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	Endosulfan sulfate	5.8	J	ug/kg	J+	13
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8081A	Endrin	3.4	J	ug/kg	J+	13
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8081A	4,4'-DDD	1.7	J	ug/kg	J+	13
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8081A	4,4'-DDE	2.8	J	ug/kg	J+	13
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8081A	Endrin aldehyde	1.5	J	ug/kg	J+	13
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8081A	beta-BHC	5		ug/kg	J+	13
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 8081A	Endrin aldehyde	3.7	J	ug/kg	J+	5
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 8081A	beta-BHC	13		ug/kg	J+	5
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Toxaphene	200	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	2,4'-DDD	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Endrin	4	J	ug/kg	J-	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Endosulfan I	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Dieldrin	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	4,4'-DDT	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	4,4'-DDE	14		ug/kg	J-	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	4,4'-DDD	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Methoxychlor	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	2,4'-DDE	20		ug/kg	J-	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Endrin aldehyde	4.8	J	ug/kg	J	5,13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Chlordane	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	gamma-BHC (Lindane)	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	delta-BHC	10	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	beta-BHC	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	alpha-BHC	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Aldrin	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Endrin ketone	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Heptachlor	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	Heptachlor epoxide	5	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8081A	2,4'-DDT	6.3		ug/kg	J-	13
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	beta-BHC	5.7		ug/kg	J+	8
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	4,4'-DDE	52		ug/kg	J+	8
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	4,4'-DDD	5.6		ug/kg	J+	8
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8081A	Methoxychlor	45	J	ug/kg	J+	5
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8081A	Endrin aldehyde	2.5	J	ug/kg	J+	5
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	2.3	J	ug/kg	J+	5
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8081A	Endrin ketone	23	J	ug/kg	J+	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	Heptachlor	3.8	J	ug/kg	J+	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	Endrin ketone	2.7	J	ug/kg	J+	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	Endrin aldehyde	2.9	J	ug/kg	J+	5
IPL1533	FPS-08D-20	IPL1533-05	12/13/2006	Soil	EPA 8081A	4,4'-DDT	8.9		ug/kg	J+	8
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8081A	Endrin ketone	2.7	J	ug/kg	J+	5
IPL1533	FPS-08D-40	IPL1533-07	12/13/2006	Soil	EPA 8081A	Methoxychlor	66	J	ug/kg	J+	5
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	9.9	U	ug/kg	UJ	5
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8081A	Heptachlor	2.1	J	ug/kg	J+	5
IPL1538	FPS-18D-40	IPL1538-05	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1538	FPS-18D-20	IPL1538-03	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	5
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8081A	Methoxychlor	7.6	J	ug/kg	J+	5
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Heptachlor epoxide	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Methoxychlor	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Toxaphene	200	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Endosulfan I	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	4,4'-DDT	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Chlordane	50	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	2,4'-DDD	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	2,4'-DDE	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	2,4'-DDT	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	4,4'-DDD	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	4,4'-DDE	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	delta-BHC	10	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Heptachlor	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	alpha-BHC	40		ug/kg	J-	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Endrin aldehyde	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Aldrin	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Dieldrin	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Endrin ketone	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 8081A	Endrin aldehyde	3	J	ug/kg	J+	5
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	gamma-BHC (Lindane)	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	beta-BHC	7.9		ug/kg	J-	13
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8081A	beta-BHC	3.6	J	ug/kg	J	12
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8081A	Endrin	5	U	ug/kg	UJ	13
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 8081A	beta-BHC	4.5	J	ug/kg	J+	5
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8081A	delta-BHC	13		ug/kg	J	12
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8081A	gamma-BHC (Lindane)	4	J	ug/kg	J	12
IPL1718	FPS-02D-20	IPL1718-05	12/14/2006	Soil	EPA 8081A	Endosulfan II	10	U	ug/kg	UJ	10
IPL1718	FPS-02D-40	IPL1718-07	12/14/2006	Soil	EPA 8081A	4,4'-DDT	5	U	ug/kg	UJ	5
IPL1719	FPS-20D-20	IPL1719-03	12/14/2006	Soil	EPA 8081A	Endosulfan II	190	J	ug/kg	J	10,12
IPL1719	FPS-20D-40	IPL1719-05	12/14/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	10
IPL1719	FPS-20D-20	IPL1719-03	12/14/2006	Soil	EPA 8081A	2,4'-DDE	3000		ug/kg	J+	10
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8081A	alpha-BHC	4.2	J	ug/kg	J	12

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8081A	beta-BHC	39		ug/kg	J+	5
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8081A	4,4'-DDE	1.8	J	ug/kg	J	12
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8081A	beta-BHC	3.9	J	ug/kg	J+	5
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8081A	2,4'-DDE	15		ug/kg	J	12
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8081A	beta-BHC	12		ug/kg	J+	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	4,4'-DDE	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Endrin ketone	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	alpha-BHC	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	beta-BHC	3.7	J	ug/kg	J-	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	delta-BHC	10	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Chlordane	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	2,4'-DDD	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	2,4'-DDE	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	4,4'-DDD	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Methoxychlor	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	4,4'-DDT	4.8	J	ug/kg	J-	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Dieldrin	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Endosulfan I	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Endosulfan sulfate	10	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Endrin	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	2,4'-DDT	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8081A	beta-BHC	10		ug/kg	J+	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	gamma-BHC (Lindane)	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Aldrin	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Endrin aldehyde	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Heptachlor	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8081A	4,4'-DDD	4.3	J	ug/kg	J+	10
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Heptachlor epoxide	5	U	ug/kg	UJ	13
IPL1919	FPS-19D-40	IPL1919-05	12/15/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	10
IPL1919	FPS-19D-40	IPL1919-05	12/15/2006	Soil	EPA 8081A	4,4'-DDT	5	U	ug/kg	UJ	5
IPL1919	FPS-19D-20	IPL1919-03	12/15/2006	Soil	EPA 8081A	Endosulfan II	5	U	ug/kg	UJ	10
IPL1919	FPS-19D-20	IPL1919-03	12/15/2006	Soil	EPA 8081A	4,4'-DDT	5	U	ug/kg	UJ	5
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8081A	Toxaphene	200	U	ug/kg	UJ	13
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8081A	Endrin aldehyde	1.7	J	ug/kg	J+	5
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8081A	4,4'-DDD	30	J	ug/kg	J+	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8081A	gamma-BHC (Lindane)	94	J	ug/kg	J	12
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8081A	4,4'-DDD	930	J	ug/kg	J+	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8081A	Endrin aldehyde	500	J	ug/kg	J	12
IPL2026	FPS-21D-20	IPL2026-03	12/18/2006	Soil	EPA 8081A	2,4'-DDD	360	J	ug/kg	J	12
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8081A	4,4'-DDD	2800	J	ug/kg	J+	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8081A	Endosulfan sulfate	270	J	ug/kg	J	12
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8081A	2,4'-DDE	1000		ug/kg	J+	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8081A	2,4'-DDD	130	J	ug/kg	J	12
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8081A	Dieldrin	110	J	ug/kg	J	12
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8081A	4,4'-DDD	1000		ug/kg	J+	10
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8081A	Endrin aldehyde	75	J	ug/kg	J	12
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8081A	Endosulfan II	1000	U	ug/kg	UJ	10
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8081A	2,4'-DDE	9800	J	ug/kg	J+	10
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8081A	Endosulfan II	10000	U	ug/kg	UJ	10
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8081A	2,4'-DDE	84		ug/kg	J+	10
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8081A	Endosulfan II	50	U	ug/kg	UJ	10
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8081A	2,4'-DDE	82	J	ug/kg	J+	10
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8081A	Endosulfan II	100	U	ug/kg	UJ	10
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8081A	2,4'-DDE	41	J	ug/kg	J+	10
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8081A	Endosulfan II	250	U	ug/kg	UJ	10
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8081A	2,4'-DDE	180	J	ug/kg	J+	10
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8081A	Endosulfan II	50	U	ug/kg	UJ	10
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8081A	2,4'-DDE	790		ug/kg	J+	10
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8081A	Endosulfan II	500	U	ug/kg	UJ	10
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1248	50	U	ug/kg	UJ	13
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1260	50	U	ug/kg	UJ	13
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1254	50	U	ug/kg	UJ	13
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1242	50	U	ug/kg	UJ	13
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1232	50	U	ug/kg	UJ	13
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1221	50	U	ug/kg	UJ	13
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8082	Aroclor 1016	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1242	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1260	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1248	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1232	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1221	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1016	50	U	ug/kg	UJ	13
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8082	Aroclor 1254	50	U	ug/kg	UJ	13
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1016	50	U	ug/kg	UJ	13
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1260	50	U	ug/kg	UJ	13

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1254	50	U	ug/kg	UJ	13
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1248	50	U	ug/kg	UJ	13
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1242	50	U	ug/kg	UJ	13
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1232	50	U	ug/kg	UJ	13
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8082	Aroclor 1221	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1248	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1221	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1254	140		ug/kg	J-	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1242	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1232	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1221	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1016	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1016	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1254	26	J	ug/kg	J-	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1248	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1242	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1232	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8082	Aroclor 1260	50	U	ug/kg	UJ	13
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8082	Aroclor 1260	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1016	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1221	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1232	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1242	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1248	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1254	50	U	ug/kg	UJ	13
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8082	Aroclor 1260	50	U	ug/kg	UJ	13
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00293		ng/g	U	7
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00107		ng/g	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.00097		ng/g	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00293		ng/g	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00109		ng/g	U	7
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00386		ng/g	U	7
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00157		ng/g	U	7
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.00095		ng/g	U	7
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00099		ng/g	U	7
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00427		ng/g	U	7
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00332		ng/g	U	7
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00157		ng/g	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00236		ng/g	U	7
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00267		ng/g	U	7
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00209		ng/g	U	7
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00283		ng/g	U	7
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0035		ng/g	U	7
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00226		ng/g	U	7
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00285		ng/g	U	7
IPK2191	CPA-12S-0.25	IPK2191-07	11/17/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00208		ng/g	U	7
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00304		ng/g	U	7
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00366		ng/g	U	7
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00496		ng/g	U	7
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00317		ng/g	U	7
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00237		ng/g	U	7
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00410		ng/g	U	7
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00348		ng/g	U	7
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00424		ng/g	U	7
IPL0001	FTF-13D-10	IPL0001-07	11/30/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00244		ng/g	U	7
IPL0001	FTF-13D-30	IPL0001-09	11/30/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00319		ng/g	U	7
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00317		ng/g	U	7
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00520		ng/g	U	7
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00333		ng/g	U	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00730		ng/g	U	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00547		ng/g	U	7
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00283		ng/g	U	7
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 1668A	22'-DiCB-(4)	0.408		ng/g	J-	8
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0189		ng/g	U	7
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0038		ng/g	U	7
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.0078		ng/g	U	7
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00297		ng/g	U	7
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.014		ng/g	U	7
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.0061		ng/g	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0033		ng/g	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.0069		ng/g	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0166		ng/g	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.005		ng/g	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0124		ng/g	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0024		ng/g	U	7
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0326		ng/g	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.0156		ng/g	U	7
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0072		ng/g	U	7
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0059		ng/g	U	7
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.0018		ng/g	U	7
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.04		ng/g	U	7
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.0023		ng/g	U	7
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.0038		ng/g	U	7
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0633		ng/g	U	7
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0106		ng/g	U	7
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.114		ng/g	J-	8
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.0439		ng/g	J-	8
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.307		ng/g	J	9
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 1668A	22'-DiCB-(4)	1.87		ng/g	J	8,9
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01210		ng/g	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00896		ng/g	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 1668A	2,4'-DiCB-(8)	0.00580		ng/g	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00558		ng/g	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.00188		ng/g	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03160		ng/g	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.00190		ng/g	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03350		ng/g	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01200		ng/g	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.00149		ng/g	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01820		ng/g	U	7
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 1668A	2,4'-DiCB-(8)	0.00800		ng/g	U	7
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03800		ng/g	U	7
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01520		ng/g	U	7
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00777		ng/g	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.04540		ng/g	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00538		ng/g	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.00282		ng/g	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 1668A	2,4'-DiCB-(8)	0.01150		ng/g	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01320		ng/g	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.00064		ng/g	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.00197		ng/g	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00628		ng/g	U	7
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03430		ng/g	U	7
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00648		ng/g	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.00203		ng/g	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03450		ng/g	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.00063		ng/g	U	7
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01260		ng/g	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.01250		ng/g	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.00063		ng/g	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.00383		ng/g	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.02660		ng/g	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.06560		ng/g	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 1668A	2,4'-DiCB-(8)	0.00850		ng/g	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.00225		ng/g	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03720		ng/g	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 1668A	2,4'-DiCB-(8)	0.00630		ng/g	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00717		ng/g	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01400		ng/g	U	7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0069		ng/g	U	7
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00234		ng/g	U	7
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00117		ng/g	U	7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0365		ng/g	U	7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.00075		ng/g	U	7
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.148		ng/g	U	7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.0148		ng/g	U	7
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00125		ng/g	U	7
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0036		ng/g	U	7
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.004		ng/g	U	7
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.0057		ng/g	U	7
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0017		ng/g	U	7
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.00388		ng/g	U	7
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.0052		ng/g	U	7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00900		ng/g	U	7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.04890		ng/g	U	7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01760		ng/g	U	7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	0.00660		ng/g	U	7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 1668A	23'44'5-PentaCB-(118)	0.03790		ng/g	U	7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 1668A	233'44'-PentaCB-(105)	0.01340		ng/g	U	7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 1668A	23'44'5'-PentaCB-(123)	0.19		ng/g	J	9
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 1668A	2344'5-PentaCB-(114)	0.696		ng/g	J	8,9
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 1668A	23'44'55'-HexaCB-(167)	0.407		ng/g	J	8,9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 1668A	HexaCB-(156)+(157)	1.56		ng/g	J	8,9
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 1668A	33'44'-TetraCB-(77)	0.159		ng/g	J-	8
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 1668A	4,4'-DiCB-(15)	0.707		ng/g	J	8,9
IPK1861	CPA-10S-0.25	IPK1861-03	11/15/2006	Soil	EPA 8290	1,2,3,7,8,9-Hexa CDF	4.94		pg/g	J-	10
IPK2191	CPA-12S-0.25	IPK2191-07	11/17/2006	Soil	EPA 8290	1,2,3,7,8,9-Hexa CDF	0.18	U	pg/g	UJ	10
IPK2191	CPA-12S-0.25	IPK2191-07	11/17/2006	Soil	EPA 8290	Octa CDD	2.29		pg/g	U	7
IPK2191	CPA-12S-0.25	IPK2191-07	11/17/2006	Soil	EPA 8290	Octa CDF	1.33		pg/g	U	7
IPK2022	CPA-05D-0.25	IPK2022-07	11/16/2006	Soil	EPA 8290	1,2,3,7,8,9-Hexa CDF	4.81		pg/g	J-	8,10
IPK2022	CPA-05D-0.25	IPK2022-07	11/16/2006	Soil	EPA 8290	1,2,3,7,8-Penta CDF	21		pg/g	J	8,9
IPK2022	CPA-05D-0.25	IPK2022-07	11/16/2006	Soil	EPA 8290	2,3,4,7,8-Penta CDF	49.8		pg/g	J-	8
IPL0102	FTF-20S-0.25	IPL0102-06	12/1/2006	Soil	EPA 8290	2,3,7,8-Tetra CDF	20	U	pg/g	UJ	19
IPL0102	FTF-20S-0.25	IPL0102-06	12/1/2006	Soil	EPA 8290	2,3,4,7,8-Penta CDF	18.4		pg/g	J	19
IPL0102	FTF-20S-0.25	IPL0102-06	12/1/2006	Soil	EPA 8290	1,2,3,7,8-Penta CDF	12.2		pg/g	J	19
IPL0102	FTF-20S-0.25	IPL0102-06	12/1/2006	Soil	EPA 8290	1,2,3,7,8-Penta CDD	17		pg/g	J	19
IPL1185	FPS-11S-2	IPL1185-02	12/11/2006	Soil	EPA 8290	1,2,3,6,7,8-Hexa CDD	1.2		pg/g	U	7
IPL1185	FPS-11S-2	IPL1185-02	12/11/2006	Soil	EPA 8290	1,2,3,7,8,9-Hexa CDF	1.28		pg/g	U	7
IPL1185	FPS-11S-2	IPL1185-02	12/11/2006	Soil	EPA 8290	Octa CDD	20.7		pg/g	U	7
IPL1186	FPS-16S-2	IPL1186-02	12/11/2006	Soil	EPA 8290	1,2,3,4,7,8,9-Hepta CDF	5.4		pg/g	U	7
IPL1186	FPS-16S-2	IPL1186-02	12/11/2006	Soil	EPA 8290	2,3,4,6,7,8-Hexa CDF	1.8		pg/g	U	7
IPL1186	FPS-16S-2	IPL1186-02	12/11/2006	Soil	EPA 8290	2,3,4,7,8-Penta CDF	4.7		pg/g	U	7
IPL1186	FPS-16S-2	IPL1186-02	12/11/2006	Soil	EPA 8290	1,2,3,7,8-Penta CDF	2.1		pg/g	U	7
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,4,7,8-Hexa CDD	14.2		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	2,3,7,8-Tetra CDF	530	U	pg/g	R	19
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,4,6,7,8-Hepta CDD	53.9		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	Octa CDF	3280		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	Octa CDD	150		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	2,3,4,7,8-Penta CDF	460	U	pg/g	UJ	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	2,3,4,6,7,8-Hexa CDF	42.5		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,7,8-Penta CDF	169		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,7,8-Penta CDD	7.55		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,7,8,9-Hexa CDF	9.4		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,7,8,9-Hexa CDD	6.17		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,6,7,8-Hexa CDF	128		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,4,7,8-Hexa CDF	845		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,4,7,8,9-Hepta CDF	334		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,4,6,7,8-Hepta CDF	500		pg/g	J	10
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	2,3,7,8-Tetra CDD	1.6	U	pg/g	UJ	10,19
IPL1533	FPS-08D-2	IPL1533-02	12/13/2006	Soil	EPA 8290	1,2,3,6,7,8-Hexa CDD	11.8		pg/g	J	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1718	FPS-02D-2	IPL1718-02	12/14/2006	Soil	EPA 8290	Octa CDF	9.7		pg/g	UJ	5,7
IPL1718	FPS-02D-2	IPL1718-02	12/14/2006	Soil	EPA 8290	Octa CDD	99.1		pg/g	J-	5
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8015B	DRO (C8-C24)	5.0		mg/kg	U	7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8015B	EFH (C8 - C40)	5.0		mg/kg	U	7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8015B	EFH (C8 - C40)	5.0		mg/kg	U	7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8015B	DRO (C8-C24)	5.0		mg/kg	U	7
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8015B	DRO (C8-C24)	9.6		mg/kg	U	7
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8015B	EFH (C8 - C40)	12		mg/kg	U	7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8015B	DRO (C8-C24)	10		mg/kg	U	7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8015B	EFH (C8 - C40)	17		mg/kg	U	7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8015B	EFH (C8 - C40)	14		mg/kg	U	7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8015B	DRO (C8-C24)	6.5		mg/kg	U	7
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0001	FTF-13D-10	IPL0001-07	11/30/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0001	FTF-13D-20	IPL0001-08	11/30/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0001	FTF-13D-30	IPL0001-09	11/30/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 8015B	Ethanol	1	U	mg/kg	UJ	5
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	8,9
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2191	CPA-12S-0.50	IPK2191-08RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-12S-10	IPK2191-10RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-12S-10	IPK2191-10RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPK2191	CPA-12S-05	IPK2191-09RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-12S-05	IPK2191-09RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-12S-05	IPK2191-09RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPK2191	CPA-12S-0.50	IPK2191-08RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-12S-0.50	IPK2191-08RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-12S-10	IPK2191-10RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-10	IPK2191-02RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPK2191	CPA-06D-10	IPK2191-02RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-30	IPK2191-04RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPK2191	CPA-06D-30	IPK2191-04RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-30	IPK2191-04RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-50	IPK2191-06RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPK2191	CPA-06D-50	IPK2191-06RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-50	IPK2191-06RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-10	IPK2191-02RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-05	IPK2191-01RE1	11/17/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-05	IPK2191-01RE1	11/17/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK2191	CPA-06D-05	IPK2191-01RE1	11/17/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	5,7
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0001	FTF-13D-20	IPL0001-08	11/30/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0001	FTF-13D-30	IPL0001-09	11/30/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0001	FTF-13D-20	IPL0001-08	11/30/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0001	FTF-13D-10	IPL0001-07	11/30/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	8
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0102	FTF-13D-50	IPL0102-02	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0102	FTF-13D-40	IPL0102-01	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	8
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.88		mg/kg	U	7
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	1
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1		mg/kg	UJ	1
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 8315A	Formaldehyde	0.54	J	mg/kg	J-	1
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8315A	Formaldehyde	0.72	J	mg/kg	J-	1
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8315A	Formaldehyde	0.59	J	mg/kg	J-	1
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8315A	Formaldehyde	0.62	J	mg/kg	J-	1
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 8315A	Formaldehyde	0.54	J	mg/kg	J-	1
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	8
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 8315A	Formaldehyde	1.4		mg/kg	U	7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	1,7
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	UJ	1,7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8315A	Acetaldehyde	2.1		mg/kg	J-	1
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8315A	Formaldehyde	2		mg/kg	UJ	1,7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 8315A	Chloroacetaldehyde	0.84	J	mg/kg	J-	1
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	U	7
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 8315A	Formaldehyde	1		mg/kg	U	7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8315A	Formaldehyde	0.71	J	mg/kg	J-	1
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8315A	Formaldehyde	0.67	J	mg/kg	J-	1
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8315A	Formaldehyde	1.3		mg/kg	J-	1
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8315A	Acetaldehyde	0.5		mg/kg	UJ	1,7
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8315A	Formaldehyde	0.57	J	mg/kg	J-	1
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 8315A	Chloroacetaldehyde	1	U	mg/kg	UJ	1
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 8315A	Formaldehyde	1	U	mg/kg	UJ	1
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	HPLC	Diethyl phosphorodithioic acid	0.50	U	mg/Kg	UJ	5
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 6010B	Phosphorus	990		mg/kg	J	9
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 6010B	Phosphorus	830		mg/kg	J	9
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 6010B	Boron	7		mg/kg	U	7
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 6010B	Phosphorus	1000		mg/kg	J	9
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 6010B	Phosphorus	380		mg/kg	J	9
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 6010B	Phosphorus	680		mg/kg	J	9
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 6010B	Calcium	2800		mg/kg	J	9
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 6010B	Calcium	7500		mg/kg	J	9
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 6010B	Calcium	24000		mg/kg	J	9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 6010B	Calcium	26000		mg/kg	J	9
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 6010B	Calcium	38000		mg/kg	J	9
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 6010B	Lithium	16		mg/kg	U	7
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6010B	Lithium	20		mg/kg	U	7
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 6010B	Boron	5.5		mg/kg	U	7
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6010B	Lithium	17		mg/kg	U	7
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 6010B	Lithium	21		mg/kg	U	7
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 6010B	Lithium	17		mg/kg	U	7
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 6010B	Lithium	18		mg/kg	U	7
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 6010B	Lithium	19		mg/kg	U	7
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 6010B	Boron	6.7		mg/kg	U	7
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 6010B	Boron	5.2		mg/kg	U	7
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 6010B	Sodium	460		mg/kg	J+	8
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 6010B	Boron	5.6		mg/kg	U	7
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 6010B	Sodium	580		mg/kg	J+	8
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 6010B	Boron	14		mg/kg	U	7
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 6010B	Sodium	2500		mg/kg	J+	8
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 6010B	Boron	9.9		mg/kg	U	7
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 6010B	Sodium	1300		mg/kg	J+	8
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 6010B	Boron	5.5		mg/kg	U	7
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 6010B	Sodium	650		mg/kg	J+	8
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 6010B	Sodium	690		mg/kg	J+	8
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 6010B	Boron	15		mg/kg	U	7
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 6010B	Boron	9.0		mg/kg	U	7
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 6010B	Sodium	570		mg/kg	J+	8
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 6010B	Sodium	1900		mg/kg	J+	8
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 6010B	Boron	9.9		mg/kg	U	7
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 6010B	Sodium	460		mg/kg	J+	8
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6010B	Calcium	35000		mg/kg	J	9
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6010B	Calcium	12000		mg/kg	J	9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 6010B	Calcium	45000		mg/kg	J	9
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 6010B	Calcium	26000		mg/kg	J	9
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6010B	Calcium	21000		mg/kg	J	9
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6010B	Calcium	30000		mg/kg	J	9
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6010B	Calcium	17000		mg/kg	J	9
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6010B	Potassium	1900		mg/kg	J+	8
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6010B	Strontium	160		mg/kg	J+	8
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6010B	Titanium	550		mg/kg	J	9
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6010B	Potassium	1500		mg/kg	J+	8
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6010B	Strontium	240		mg/kg	J+	8
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6010B	Titanium	610		mg/kg	J	9
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6010B	Potassium	2500		mg/kg	J+	8
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6010B	Strontium	200		mg/kg	J+	8
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6010B	Titanium	470		mg/kg	J	9
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6010B	Potassium	3500		mg/kg	J+	8
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6010B	Strontium	72		mg/kg	J+	8
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6010B	Titanium	560		mg/kg	J	9
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6010B	Potassium	2100		mg/kg	J+	8
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6010B	Strontium	340		mg/kg	J+	8
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6010B	Titanium	430		mg/kg	J	9
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6010B	Potassium	1100		mg/kg	J+	8
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6010B	Strontium	200		mg/kg	J+	8
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6010B	Titanium	410		mg/kg	J	9
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6010B	Potassium	2500		mg/kg	J+	8
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6010B	Strontium	120		mg/kg	J+	8
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6010B	Titanium	470		mg/kg	J	9
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6010B	Potassium	2400		mg/kg	J+	8
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6010B	Strontium	94		mg/kg	J+	8
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6010B	Titanium	590		mg/kg	J	9
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6010B	Calcium	29000		mg/kg	J	9
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6010B	Strontium	210		mg/kg	J-	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6010B	Calcium	36000		mg/kg	J	9
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6010B	Strontium	240		mg/kg	J-	8
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6010B	Calcium	13000		mg/kg	J	9
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6010B	Strontium	380		mg/kg	J-	8
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6010B	Calcium	33000		mg/kg	J	9
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6010B	Strontium	72		mg/kg	J-	8
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6010B	Calcium	5300		mg/kg	J	9
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6010B	Strontium	210		mg/kg	J-	8
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6010B	Calcium	21000		mg/kg	J	9
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6010B	Lithium	24		mg/kg	U	7
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6010B	Strontium	200		mg/kg	J-	8
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6010B	Boron	25		mg/kg	U	7
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6010B	Calcium	110000		mg/kg	J	9
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6010B	Strontium	210		mg/kg	J-	8
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6010B	Calcium	42000		mg/kg	J	9
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6010B	Strontium	91		mg/kg	J-	8
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6010B	Boron	9.9		mg/kg	U	7
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6010B	Calcium	79000		mg/kg	J	9
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6010B	Lithium	12		mg/kg	U	7
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6010B	Strontium	190		mg/kg	J-	8
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6010B	Lithium	18		mg/kg	U	7
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6010B	Strontium	160		mg/kg	J-	8
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6010B	Calcium	25000		mg/kg	J	9
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6010B	Lithium	19		mg/kg	U	7
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6010B	Strontium	240		mg/kg	J-	8
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6010B	Calcium	30000		mg/kg	J	9
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6010B	Lithium	19		mg/kg	U	7
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6010B	Strontium	150		mg/kg	J-	8
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6010B	Calcium	34000		mg/kg	J	9
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6010B	Lithium	19		mg/kg	U	7
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6010B	Strontium	170		mg/kg	J-	8
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6010B	Lithium	22		mg/kg	U	7
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6010B	Strontium	180		mg/kg	J-	8
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6010B	Calcium	27000		mg/kg	J	9
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6010B	Lithium	19		mg/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6010B	Strontium	180		mg/kg	J-	8
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6010B	Calcium	26000		mg/kg	J	9
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6010B	Lithium	21		mg/kg	U	7
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6010B	Strontium	180		mg/kg	J-	8
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6010B	Calcium	54000		mg/kg	J	9
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6010B	Lithium	24		mg/kg	U	7
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6010B	Strontium	290		mg/kg	J-	8
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6010B	Calcium	20000		mg/kg	J	9
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6010B	Lithium	20		mg/kg	U	7
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6010B	Strontium	150		mg/kg	J-	8
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6010B	Calcium	20000		mg/kg	J	9
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6010B	Lithium	24		mg/kg	U	7
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6010B	Strontium	170		mg/kg	J-	8
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6010B	Calcium	42000		mg/kg	J	9
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6010B	Lithium	25		mg/kg	U	7
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6010B	Strontium	260		mg/kg	J-	8
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6010B	Boron	5.8		mg/kg	U	7
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6010B	Boron	11		mg/kg	U	7
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6010B	Calcium	21000		mg/kg	J	9
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6010B	Strontium	140		mg/kg	J-	8
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 6010B	Calcium	56000		mg/kg	J	9
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 6010B	Strontium	270		mg/kg	J-	8
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 6010B	Calcium	47000		mg/kg	J	9
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 6010B	Strontium	490		mg/kg	J-	8
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6010B	Calcium	16000		mg/kg	J	9
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6010B	Strontium	210		mg/kg	J-	8
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6010B	Calcium	25000		mg/kg	J	9
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6010B	Strontium	370		mg/kg	J-	8
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6010B	Calcium	25000		mg/kg	J	9
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6010B	Strontium	340		mg/kg	J-	8
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6010B	Boron	5.4		mg/kg	U	7
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6010B	Calcium	19000		mg/kg	J	9
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6010B	Strontium	160		mg/kg	J-	8
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6010B	Boron	6.6		mg/kg	U	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6010B	Strontium	140		mg/kg	J-	8
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6010B	Calcium	24000		mg/kg	J	9
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6010B	Strontium	220		mg/kg	J-	8
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 6010B	Boron	5.3		mg/kg	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 6010B	Boron	5.3		mg/kg	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 6010B	Phosphorus	770		mg/kg	J-	5
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6010B	Boron	5.1		mg/kg	U	7
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6010B	Calcium	32000		mg/kg	J	9
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6010B	Calcium	32000		mg/kg	J	9
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6010B	Calcium	11000		mg/kg	J	9
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6010B	Boron	6.0		mg/kg	U	7
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6010B	Calcium	34000		mg/kg	J	9
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6010B	Calcium	21000		mg/kg	J	9
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6010B	Calcium	34000		mg/kg	J	9
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6010B	Calcium	4000		mg/kg	J	9
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6010B	Calcium	42000		mg/kg	J	9
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6010B	Calcium	1200		mg/kg	J	9
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6010B	Calcium	720		mg/kg	J	9
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6010B	Calcium	460		mg/kg	J	9
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6010B	Calcium	16000		mg/kg	J	9
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6010B	Calcium	41000		mg/kg	J	9
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6010B	Calcium	31000		mg/kg	J	9
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6010B	Calcium	55000		mg/kg	J	9
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6010B	Strontium	300		mg/kg	J+	8
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6010B	Calcium	3900		mg/kg	J	9
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6010B	Strontium	160		mg/kg	J+	8
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6010B	Calcium	39000		mg/kg	J	9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6010B	Strontium	330		mg/kg	J+	8
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6010B	Calcium	5600		mg/kg	J	9
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6010B	Strontium	130		mg/kg	J+	8
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6010B	Calcium	29000		mg/kg	J	9
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6010B	Strontium	210		mg/kg	J+	8
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6010B	Calcium	25000		mg/kg	J	9
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6010B	Strontium	270		mg/kg	J+	8
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6010B	Strontium	130		mg/kg	J+	8
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6010B	Calcium	27000		mg/kg	J	9
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6010B	Strontium	330		mg/kg	J+	8
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6010B	Calcium	9200		mg/kg	J	9
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6010B	Strontium	27		mg/kg	J+	8
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6010B	Calcium	43000		mg/kg	J	9
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6010B	Strontium	150		mg/kg	J+	8
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6010B	Calcium	24000		mg/kg	J	9
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6010B	Strontium	250		mg/kg	J+	8
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6010B	Calcium	29000		mg/kg	J	9
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6010B	Strontium	1400		mg/kg	J+	8
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6010B	Strontium	150		mg/kg	J+	8
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6010B	Calcium	6300		mg/kg	J	9
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6010B	Strontium	110		mg/kg	J+	8
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6010B	Calcium	23000		mg/kg	J	9
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6010B	Strontium	460		mg/kg	J+	8
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6010B	Calcium	62000		mg/kg	J	9
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6010B	Strontium	120		mg/kg	J+	8
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6010B	Calcium	29000		mg/kg	J	9
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6010B	Strontium	280		mg/kg	J+	8
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6010B	Calcium	3800		mg/kg	J	9
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6010B	Strontium	83		mg/kg	J+	8
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 6010B	Lithium	16		mg/kg	J+	8
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 6010B	Lithium	15		mg/kg	J+	8
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 6010B	Lithium	59		mg/kg	J+	8
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 6010B	Lithium	17		mg/kg	J+	8
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 6010B	Lithium	53		mg/kg	J+	8
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 6010B	Boron	5.5		mg/kg	U	7
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 6010B	Lithium	13		mg/kg	J+	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 6010B	Lithium	54		mg/kg	J+	8
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 6010B	Boron	6.3		mg/kg	U	7
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 6010B	Lithium	13		mg/kg	J+	8
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 6010B	Lithium	66		mg/kg	J+	8
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 6010B	Boron	6.2		mg/kg	U	7
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 6010B	Boron	5		mg/kg	U	7
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6010B	Calcium	970		mg/kg	J	9
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6010B	Sodium	490		mg/kg	J+	8
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6010B	Strontium	24		mg/kg	J+	8
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6010B	Boron	14		mg/kg	U	7
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6010B	Calcium	56000		mg/kg	J	9
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6010B	Sodium	660		mg/kg	J+	8
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6010B	Strontium	91		mg/kg	J+	8
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6010B	Calcium	19000		mg/kg	J	9
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6010B	Sodium	1300		mg/kg	J+	8
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6010B	Strontium	140		mg/kg	J+	8
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6010B	Boron	10		mg/kg	U	7
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6010B	Calcium	65000		mg/kg	J	9
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6010B	Sodium	380		mg/kg	J+	8
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6010B	Strontium	120		mg/kg	J+	8
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6010B	Calcium	26000		mg/kg	J	9
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6010B	Sodium	1400		mg/kg	J+	8
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6010B	Strontium	150		mg/kg	J+	8
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6010B	Calcium	29000		mg/kg	J	9
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6010B	Sodium	330		mg/kg	J+	8
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6010B	Strontium	270		mg/kg	J+	8
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6010B	Calcium	18000		mg/kg	J	9
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6010B	Sodium	340		mg/kg	J+	8
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6010B	Strontium	130		mg/kg	J+	8
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6010B	Calcium	40000		mg/kg	J	9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6010B	Sodium	1200		mg/kg	J+	8
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6010B	Strontium	460		mg/kg	J+	8
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6010B	Calcium	2200		mg/kg	J	9
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6010B	Sodium	740		mg/kg	J+	8
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6010B	Strontium	22		mg/kg	J+	8
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6010B	Boron	5.0		mg/kg	U	7
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6010B	Calcium	3100		mg/kg	J	9
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6010B	Sodium	410		mg/kg	J+	8
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6010B	Strontium	86		mg/kg	J+	8
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6010B	Calcium	550		mg/kg	J	9
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6010B	Sodium	520		mg/kg	J+	8
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6010B	Strontium	22		mg/kg	J+	8
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 6010B	Sulphur (S)	1020		ug/g	J-	10
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 6010B	Sulphur (S)	348		ug/g	J-	10
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 6010B	Sulphur (S)	373		ug/g	J-	10
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 6010B	Sulphur (S)	211		ug/g	J-	10
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6010B	Sulphur (S)	422		ug/g	J-	10
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6010B	Sulphur (S)	128		ug/g	J-	10
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6010B	Sulphur (S)	343		ug/g	J-	10
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6010B	Sulphur (S)	319		ug/g	J-	10
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6010B	Sulphur (S)	297		ug/g	J-	10
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6010B	Sulphur (S)	207		ug/g	J-	10
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6010B	Sulphur (S)	1950		ug/g	J-	10
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6010B	Sulphur (S)	272		ug/g	J-	10
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6010B	Sulphur (S)	485		ug/g	J-	10
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6010B	Sulphur (S)	296		ug/g	J-	10
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6010B	Sulphur (S)	184		ug/g	J-	10
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6010B	Sulphur (S)	4540		ug/g	J-	10
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6010B	Sulphur (S)	154		ug/g	J-	10
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6010B	Sulphur (S)	360		ug/g	J-	10
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6010B	Sulphur (S)	236		ug/g	J-	10
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6010B	Sulphur (S)	772		ug/g	J-	10
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6010B	Sulphur (S)	447		ug/g	J-	10
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6010B	Sulphur (S)	250		ug/g	J-	10
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 6010B	Sulphur (S)	2670		ug/g	J-	10
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 6010B	Sulphur (S)	307		ug/g	J-	10
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 6010B	Sulphur (S)	355		ug/g	J-	10
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6010B	Sulphur (S)	363		ug/g	J-	10

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6010B	Sulphur (S)	511		ug/g	J-	10
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6010B	Sulphur (S)	378		ug/g	J-	10
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6010B	Sulphur (S)	295		ug/g	J-	10
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6010B	Sulphur (S)	540		ug/g	J-	10
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6010B	Sulphur (S)	176		ug/g	J-	10
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6010B	Sulphur (S)	153		ug/g	J-	10
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6010B	Sulphur (S)	3170		ug/g	J-	10
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6010B	Sulphur (S)	278		ug/g	J-	10
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6010B	Sulphur (S)	1250		ug/g	J-	10
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6010B	Sulphur (S)	347		ug/g	J-	10
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 6020	Molybdenum	5		mg/kg	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 6020	Molybdenum	5		mg/kg	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 6020	Arsenic	2.1	J	mg/kg	J	7
IPK0823	FTF-21D-10	IPK0823-01	11/7/2006	Soil	EPA 6020	Arsenic	1.4	J	mg/kg	J	7
IPK0823	FTF-21D-30	IPK0823-03	11/7/2006	Soil	EPA 6020	Molybdenum	5		mg/kg	U	7
IPK0823	FTF-21D-50	IPK0823-05	11/7/2006	Soil	EPA 6020	Molybdenum	5		mg/kg	U	7
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	U	7
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 6020	Zinc	23		mg/kg	J+	11
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 6020	Zinc	31		mg/kg	J+	11
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 6020	Zinc	28		mg/kg	J+	11
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	U	7
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 6020	Zinc	26		mg/kg	J+	11
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 6020	Zinc	25		mg/kg	J+	11
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	U	7
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 6020	Barium	140		mg/kg	J-	8
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 6020	Manganese	230		mg/kg	J-	8
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 6020	Vanadium	21		mg/kg	J-	8
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 6020	Barium	160		mg/kg	J-	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 6020	Manganese	380		mg/kg	J-	8
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 6020	Vanadium	31		mg/kg	J-	8
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 6020	Zinc	32		mg/kg	J-	8
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6020	Barium	160		mg/kg	J-	8
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6020	Manganese	120		mg/kg	J-	8
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6020	Vanadium	37		mg/kg	J-	8
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 6020	Barium	45		mg/kg	J-	8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 6020	Manganese	460		mg/kg	J-	8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 6020	Vanadium	18		mg/kg	J-	8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6020	Barium	130		mg/kg	J-	8
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6020	Manganese	190		mg/kg	J-	8
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6020	Vanadium	17		mg/kg	J-	8
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 6020	Barium	140		mg/kg	J-	8
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 6020	Manganese	240		mg/kg	J-	8
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 6020	Vanadium	36		mg/kg	J-	8
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 6020	Zinc	31		mg/kg	J-	8
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 6020	Barium	160		mg/kg	J-	8
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 6020	Manganese	270		mg/kg	J-	8
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 6020	Vanadium	24		mg/kg	J-	8
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 6020	Zinc	41		mg/kg	J-	8
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 6020	Barium	130		mg/kg	J-	8
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 6020	Manganese	180		mg/kg	J-	8
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 6020	Vanadium	19		mg/kg	J-	8
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 6020	Barium	130		mg/kg	J-	8
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 6020	Manganese	280		mg/kg	J-	8
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 6020	Vanadium	28		mg/kg	J-	8
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 6020	Zinc	33		mg/kg	J-	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 6020	Barium	160		mg/kg	J-	8
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 6020	Manganese	140		mg/kg	J-	8
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 6020	Vanadium	36		mg/kg	J-	8
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 6020	Zinc	23		mg/kg	J-	8
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 6020	Barium	26		mg/kg	J-	8
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 6020	Manganese	170		mg/kg	J-	8
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 6020	Vanadium	19		mg/kg	J-	8
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 6020	Zinc	63		mg/kg	J-	8
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 6020	Barium	140		mg/kg	J+	8
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 6020	Barium	94		mg/kg	J+	8
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 6020	Barium	95		mg/kg	J+	8
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 6020	Nickel	5.5		mg/kg	J-	11
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 6020	Barium	82		mg/kg	J+	8
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 6020	Nickel	5.8		mg/kg	J-	11
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 6020	Barium	160		mg/kg	J+	8
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 6020	Nickel	9.2		mg/kg	J-	11
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 6020	Barium	180		mg/kg	J+	8
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 6020	Barium	110		mg/kg	J+	8
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 6020	Barium	57		mg/kg	J+	8
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 6020	Barium	16		mg/kg	J+	8
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 6020	Nickel	4.4		mg/kg	J-	11
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6020	Manganese	260		mg/kg	J-	8
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 6020	Zinc	21		mg/kg	J-	8
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6020	Arsenic	1.2		mg/kg	J	7
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6020	Manganese	200		mg/kg	J-	8
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 6020	Zinc	19		mg/kg	J-	8
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 6020	Manganese	170		mg/kg	J-	8
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 6020	Nickel	7.6		mg/kg	J-	11
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 6020	Zinc	20		mg/kg	J-	8
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 6020	Manganese	150		mg/kg	J-	8
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 6020	Nickel	7.6		mg/kg	J-	11
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 6020	Zinc	20		mg/kg	J-	8
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6020	Manganese	160		mg/kg	J-	8
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6020	Nickel	7.3		mg/kg	J-	11
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 6020	Zinc	22		mg/kg	J-	8
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6020	Manganese	290		mg/kg	J-	8
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6020	Selenium	0.22	J	mg/kg	J-	8
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 6020	Zinc	22		mg/kg	J-	8
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6020	Manganese	250		mg/kg	J-	8
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	11
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 6020	Zinc	23		mg/kg	J-	8
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6020	Barium	150		mg/kg	J-	8
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6020	Barium	120		mg/kg	J-	8
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6020	Barium	71		mg/kg	J-	8
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6020	Nickel	6.4		mg/kg	J-	11
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 6020	Zinc	19		mg/kg	J-	8
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6020	Barium	37		mg/kg	J-	8
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 6020	Zinc	31		mg/kg	J-	8
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6020	Barium	110		mg/kg	J-	8
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6020	Nickel	9.5		mg/kg	J-	11
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 6020	Zinc	18		mg/kg	J-	8
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6020	Barium	75		mg/kg	J-	8
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 6020	Zinc	20		mg/kg	J-	8
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6020	Barium	75		mg/kg	J-	8
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6020	Nickel	6.2		mg/kg	J-	11
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 6020	Zinc	21		mg/kg	J-	8
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6020	Barium	72		mg/kg	J-	8
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6020	Nickel	6.5		mg/kg	J-	11
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 6020	Zinc	19		mg/kg	J-	8
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Barium	110		mg/kg	J-	8
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Cobalt	5.5		mg/kg	J-	11

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	8,11
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	11
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Silver	0.12	J	mg/kg	J-	11
IPK3018	FTF-12D-10	IPK3018-01	11/28/2006	Soil	EPA 6020	Zinc	27		mg/kg	J-	8
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Barium	120		mg/kg	J-	8
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Cobalt	5.0		mg/kg	J-	11
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	8,11
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Silver	0.13	J	mg/kg	J-	11
IPK3018	FTF-12D-20	IPK3018-02	11/28/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Barium	110		mg/kg	J-	8
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Cobalt	6.5		mg/kg	J-	11
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Copper	13		mg/kg	J-	8,11
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Silver	0.64		mg/kg	J-	11
IPK3018	FTF-12D-30	IPK3018-03	11/28/2006	Soil	EPA 6020	Zinc	33		mg/kg	J-	8
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Barium	85		mg/kg	J-	8
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Cobalt	5.9		mg/kg	J-	11
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	8,11
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Silver	0.19	J	mg/kg	J-	11
IPK3018	FTF-12D-40	IPK3018-04	11/28/2006	Soil	EPA 6020	Zinc	33		mg/kg	J-	8
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Barium	59		mg/kg	J-	8
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Cobalt	4.7		mg/kg	J-	11
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	8,11
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Nickel	9.0		mg/kg	J-	11
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Silver	0.30	J	mg/kg	J-	11
IPK3018	FTF-12D-47	IPK3018-05	11/28/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6020	Cobalt	7.0		mg/kg	J-	11
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6020	Copper	15		mg/kg	J-	11
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6020	Nickel	15		mg/kg	J-	11
IPK3159	FTF-09D-10	IPK3159-14	11/29/2006	Soil	EPA 6020	Silver	0.15	J	mg/kg	J-	11

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6020	Cobalt	4.6		mg/kg	J-	11
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	11
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK3159	FTF-09D-30	IPK3159-16	11/29/2006	Soil	EPA 6020	Silver	0.28	J	mg/kg	J-	11
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6020	Cobalt	4.1		mg/kg	J-	11
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6020	Copper	9.7		mg/kg	J-	11
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6020	Nickel	8.6		mg/kg	J-	11
IPK3159	FTF-09D-50	IPK3159-19	11/29/2006	Soil	EPA 6020	Silver	0.11	J	mg/kg	J-	11
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6020	Cobalt	4.0		mg/kg	J-	11
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6020	Copper	9.6		mg/kg	J-	11
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPK3159	FTF-14S-0.5	IPK3159-01	11/29/2006	Soil	EPA 6020	Silver	0.11	J	mg/kg	J-	11
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6020	Cobalt	4.5		mg/kg	J-	11
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	11
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK3159	FTF-14S-05	IPK3159-02	11/29/2006	Soil	EPA 6020	Silver	0.13	J	mg/kg	J-	11
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6020	Cobalt	4.9		mg/kg	J-	11
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	11
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3159	FTF-14S-10	IPK3159-03	11/29/2006	Soil	EPA 6020	Silver	0.17	J	mg/kg	J-	11
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6020	Cobalt	5.1		mg/kg	J-	11
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6020	Copper	20		mg/kg	J-	11
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3159	FTF-15S-0.5	IPK3159-08	11/29/2006	Soil	EPA 6020	Silver	0.16	J	mg/kg	J-	11
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6020	Antimony	0.18	J	mg/kg	J-	8
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6020	Cobalt	4.7		mg/kg	J-	11
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6020	Copper	16		mg/kg	J-	11
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	11

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3159	FTF-15S-05	IPK3159-09	11/29/2006	Soil	EPA 6020	Silver	0.18	J	mg/kg	J-	11
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6020	Cobalt	6.4		mg/kg	J-	11
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6020	Copper	14		mg/kg	J-	11
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	11
IPK3159	FTF-15S-10	IPK3159-10	11/29/2006	Soil	EPA 6020	Silver	0.24	J	mg/kg	J-	11
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6020	Cobalt	5.0		mg/kg	J-	11
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	11
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPK3159	FTF-16S-0.5	IPK3159-05	11/29/2006	Soil	EPA 6020	Silver	0.11	J	mg/kg	J-	11
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6020	Cobalt	5.5		mg/kg	J-	11
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	11
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	11
IPK3159	FTF-16S-05	IPK3159-06	11/29/2006	Soil	EPA 6020	Silver	0.15	J	mg/kg	J-	11
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6020	Cobalt	5.3		mg/kg	J-	11
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	11
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3159	FTF-16S-10	IPK3159-07	11/29/2006	Soil	EPA 6020	Silver	0.17	J	mg/kg	J-	11
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6020	Arsenic	1.6		mg/kg	J	7
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6020	Cobalt	5.1		mg/kg	J-	11
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	11
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3159	FTF-17S-0.5	IPK3159-11	11/29/2006	Soil	EPA 6020	Silver	0.16	J	mg/kg	J-	11
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6020	Cobalt	6.5		mg/kg	J-	11
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6020	Copper	14		mg/kg	J-	11
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6020	Nickel	15		mg/kg	J-	11
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 6020	Silver	0.18	J	mg/kg	J-	11
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6020	Cobalt	5.4		mg/kg	J-	11

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	11
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPK3159	FTF-17S-10	IPK3159-13	11/29/2006	Soil	EPA 6020	Silver	0.16	J	mg/kg	J-	11
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6020	Antimony	0.42	J	mg/kg	J-	8
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6020	Manganese	260		mg/kg	J-	8
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6020	Vanadium	30		mg/kg	J-	8
IPL0001	FTF-10D-10	IPL0001-01	11/30/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 6020	Manganese	180		mg/kg	J-	8
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 6020	Vanadium	39		mg/kg	J-	8
IPL0001	FTF-10D-30	IPL0001-03	11/30/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6020	Manganese	120		mg/kg	J-	8
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6020	Nickel	7.9		mg/kg	J-	11
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6020	Vanadium	33		mg/kg	J-	8
IPL0001	FTF-10D-50	IPL0001-06	11/30/2006	Soil	EPA 6020	Zinc	23		mg/kg	J-	8
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6020	Antimony	1	U	mg/kg	UJ	8
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6020	Arsenic	2		mg/kg	J	7
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6020	Barium	140		mg/kg	J-	8
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0102	FTF-18S-0.5	IPL0102-03	12/1/2006	Soil	EPA 6020	Selenium	1	U	mg/kg	UJ	8
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 6020	Antimony	1	U	mg/kg	UJ	8
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 6020	Barium	130		mg/kg	J-	8
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0102	FTF-18S-05	IPL0102-04	12/1/2006	Soil	EPA 6020	Selenium	1	U	mg/kg	UJ	8
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 6020	Barium	110		mg/kg	J-	8
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL0102	FTF-18S-10	IPL0102-05	12/1/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6020	Antimony	1	U	mg/kg	UJ	8
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6020	Arsenic	0.85		mg/kg	J	7
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6020	Barium	260		mg/kg	J-	8
IPL0102	FTF-19S-0.5	IPL0102-10	12/1/2006	Soil	EPA 6020	Selenium	1	U	mg/kg	UJ	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6020	Antimony	1	U	mg/kg	UJ	8
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6020	Arsenic	1.1		mg/kg	J	7
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6020	Barium	330		mg/kg	J-	8
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0102	FTF-19S-05	IPL0102-11	12/1/2006	Soil	EPA 6020	Selenium	1	U	mg/kg	UJ	8
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6020	Arsenic	1.3		mg/kg	J	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6020	Barium	150		mg/kg	J-	8
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL0102	FTF-19S-10	IPL0102-12	12/1/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6020	Antimony	0.99	U	mg/kg	UJ	8
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6020	Arsenic	1.3		mg/kg	J	7
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6020	Barium	140		mg/kg	J-	8
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL0102	FTF-20S-0.5	IPL0102-07	12/1/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6020	Antimony	1	U	mg/kg	UJ	8
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6020	Arsenic	1.4		mg/kg	J	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6020	Barium	150		mg/kg	J-	8
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0102	FTF-20S-05	IPL0102-08	12/1/2006	Soil	EPA 6020	Selenium	1	U	mg/kg	UJ	8
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6020	Antimony	1	U	mg/kg	UJ	8
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6020	Arsenic	1.8		mg/kg	J	7
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6020	Barium	110		mg/kg	J-	8
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL0102	FTF-20S-10	IPL0102-09	12/1/2006	Soil	EPA 6020	Selenium	1	U	mg/kg	UJ	8
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 6020	Manganese	160		mg/kg	J-	8
IPL0289	FTF-07D-10	IPL0289-01	12/4/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 6020	Manganese	180		mg/kg	J-	8
IPL0289	FTF-07D-30	IPL0289-03	12/4/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 6020	Manganese	130		mg/kg	J-	8
IPL0289	FTF-07D-50	IPL0289-06	12/4/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 6020	Manganese	210		mg/kg	J-	8
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 6020	Manganese	170		mg/kg	J-	8
IPL0289	FTF-08D-30	IPL0289-09	12/4/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 6020	Antimony	1.0	U	mg/kg	UJ	8
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 6020	Manganese	120		mg/kg	J-	8
IPL0289	FTF-08D-50	IPL0289-11	12/4/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	11
IPL0654	FTF-11D-10	IPL0654-01	12/6/2006	Soil	EPA 6020	Zinc	23		mg/kg	U	7
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 6020	Zinc	26		mg/kg	U	7
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 6020	Zinc	27		mg/kg	U	7
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 6020	Zinc	19		mg/kg	U	7
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 6020	Nickel	9.7		mg/kg	J-	11
IPL0840	FPS-14D-30	IPL0840-09	12/7/2006	Soil	EPA 6020	Zinc	26		mg/kg	U	7
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 6020	Nickel	8.9		mg/kg	J-	11
IPL0840	FPS-14D-50	IPL0840-12	12/7/2006	Soil	EPA 6020	Zinc	29		mg/kg	U	7
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 6020	Nickel	6.7		mg/kg	J-	11
IPL0840	FTF-11D-30	IPL0840-01	12/7/2006	Soil	EPA 6020	Zinc	20		mg/kg	U	7
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 6020	Nickel	8.2		mg/kg	J-	11
IPL0840	FTF-11D-50	IPL0840-04	12/7/2006	Soil	EPA 6020	Zinc	24		mg/kg	U	7
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6020	Antimony	2.2		mg/kg	J-	8
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6020	Barium	160		mg/kg	J	8,9
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6020	Copper	18		mg/kg	J-	8
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	8,11
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 6020	Zinc	35		mg/kg	J-	8
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Barium	160		mg/kg	J	8,9
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Copper	13		mg/kg	J-	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	8,11
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Barium	130		mg/kg	J	8,9
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Copper	14		mg/kg	J-	8
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	8,11
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Selenium	1.0		mg/kg	UJ	7,8
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 6020	Zinc	40		mg/kg	J-	8
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Barium	140		mg/kg	J	8,9
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	8
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Nickel	15		mg/kg	J-	8,11
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Barium	130		mg/kg	J	8,9
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Copper	13		mg/kg	J-	8
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	8,11
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 6020	Zinc	23		mg/kg	J-	8
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Barium	120		mg/kg	J	8,9
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	8
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	8,11
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 6020	Zinc	21		mg/kg	J-	8
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6020	Barium	390		mg/kg	J	8,9
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6020	Copper	6.6		mg/kg	J-	8
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6020	Nickel	2.3		mg/kg	J-	8,11
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 6020	Zinc	8.5	J	mg/kg	J-	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Barium	220		mg/kg	J	8,9
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Copper	11		mg/kg	J-	8
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	8,11
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 6020	Zinc	19		mg/kg	J-	8
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Barium	300		mg/kg	J	8,9
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Copper	7.6		mg/kg	J-	8
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Nickel	3.5		mg/kg	J-	8,11
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 6020	Zinc	14		mg/kg	J-	8
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Barium	140		mg/kg	J	8,9
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Copper	40		mg/kg	J-	8
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	8,11
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 6020	Zinc	53		mg/kg	J-	8
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6020	Barium	180		mg/kg	J	8,9
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6020	Copper	5.7		mg/kg	J-	8
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6020	Nickel	3.3		mg/kg	J-	8,11
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 6020	Zinc	9.6	J	mg/kg	J-	8
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6020	Barium	320		mg/kg	J	8,9
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6020	Copper	1.7		mg/kg	UJ	7,8
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6020	Nickel	2.0		mg/kg	J-	8,11
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 6020	Zinc	3.2	J	mg/kg	J-	8
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6020	Barium	160		mg/kg	J	8,9
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6020	Copper	54		mg/kg	J-	8
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6020	Nickel	8.8		mg/kg	J-	8,11
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6020	Selenium	1.0	U	mg/kg	UJ	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 6020	Zinc	38		mg/kg	J-	8
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Barium	82		mg/kg	J	8,9
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Copper	10		mg/kg	J-	8
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Nickel	8.7		mg/kg	J-	8,11
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 6020	Zinc	18		mg/kg	J-	8
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Barium	110		mg/kg	J	8,9
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Copper	12		mg/kg	J-	8
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	8,11
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Selenium	0.99	U	mg/kg	UJ	8
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 6020	Zinc	23		mg/kg	J-	8
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Arsenic	5.2		mg/kg	J	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Barium	89		mg/kg	J	8,9
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Manganese	180		mg/kg	J-	8
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	8,11
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Thallium	0.5		mg/kg	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 6020	Zinc	22		mg/kg	J-	8
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Arsenic	5.7		mg/kg	J	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Barium	86		mg/kg	J	8,9
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Manganese	83		mg/kg	J-	8
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Nickel	6.3		mg/kg	J-	8,11
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 6020	Zinc	20		mg/kg	J-	8
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6020	Barium	110		mg/kg	J	8,9
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6020	Manganese	210		mg/kg	J-	8
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	8,11
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 6020	Zinc	22		mg/kg	J-	8
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Barium	190		mg/kg	J	8,9

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Manganese	180		mg/kg	J-	8
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Nickel	9.9		mg/kg	J-	8,11
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Thallium	0.5		mg/kg	U	7
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 6020	Zinc	29		mg/kg	J-	8
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Arsenic	2.3		mg/kg	J	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Barium	150		mg/kg	J	8,9
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Manganese	250		mg/kg	J-	8
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Nickel	10		mg/kg	J-	8,11
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 6020	Zinc	23		mg/kg	J-	8
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Arsenic	3.4		mg/kg	J	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Barium	130		mg/kg	J	8,9
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Manganese	190		mg/kg	J-	8
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Nickel	15		mg/kg	J-	8,11
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 6020	Zinc	25		mg/kg	J-	8
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Arsenic	3.5		mg/kg	J	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Barium	130		mg/kg	J	8,9
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Manganese	140		mg/kg	J-	8
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Nickel	8.8		mg/kg	J-	8,11
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 6020	Zinc	19		mg/kg	J-	8
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Arsenic	3.4		mg/kg	J	7
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Barium	130		mg/kg	J	8,9
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Manganese	190		mg/kg	J-	8
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	8,11
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Barium	38		mg/kg	J	8,9
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Manganese	140		mg/kg	J-	8
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Nickel	19		mg/kg	J-	8,11

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Thallium	0.5		mg/kg	U	7
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 6020	Zinc	61		mg/kg	J-	8
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Antimony	56		mg/kg	J-	8
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Arsenic	2.8		mg/kg	J	7
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Barium	130		mg/kg	J	8,9
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Manganese	300		mg/kg	J-	8
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Nickel	19		mg/kg	J-	8,11
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 6020	Zinc	59		mg/kg	J-	8
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Arsenic	2.5		mg/kg	J	7
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Barium	140		mg/kg	J	8,9
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Manganese	230		mg/kg	J-	8
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Nickel	15		mg/kg	J-	8,11
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Barium	94		mg/kg	J	8,9
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Manganese	140		mg/kg	J-	8
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Nickel	8.7		mg/kg	J-	8,11
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 6020	Zinc	24		mg/kg	J-	8
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Antimony	1.8		mg/kg	J-	8
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Arsenic	1.5		mg/kg	J	7
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Barium	140		mg/kg	J	8,9
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Manganese	320		mg/kg	J-	8
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Nickel	14		mg/kg	J-	8,11
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 6020	Zinc	38		mg/kg	J-	8
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Barium	140		mg/kg	J	8,9
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Manganese	210		mg/kg	J-	8
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Nickel	9.7		mg/kg	J-	8,11

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Arsenic	2.1		mg/kg	J	7
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Barium	160		mg/kg	J	8,9
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Manganese	220		mg/kg	J-	8
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	8,11
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 6020	Zinc	26		mg/kg	J-	8
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Barium	270		mg/kg	J	8,9
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Manganese	170		mg/kg	J-	8
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Nickel	10		mg/kg	J-	8,11
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Arsenic	2.2		mg/kg	J	7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Barium	140		mg/kg	J	8,9
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Manganese	170		mg/kg	J-	8
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	8,11
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 6020	Zinc	21		mg/kg	J-	8
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Barium	53		mg/kg	J	8,9
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Manganese	160		mg/kg	J-	8
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	8,11
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Thallium	0.50		mg/kg	U	7
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 6020	Zinc	37		mg/kg	J-	8
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 6020	Barium	150		mg/kg	J-	8
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 6020	Barium	150		mg/kg	J-	8
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 6020	Nickel	15		mg/kg	J-	11
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 6020	Barium	210		mg/kg	J-	8
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 6020	Barium	140		mg/kg	J-	8
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 6020	Barium	74		mg/kg	J-	8
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 6020	Nickel	10		mg/kg	J-	11
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 6020	Barium	140		mg/kg	J-	8
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 6020	Barium	49		mg/kg	J-	8
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 6020	Nickel	11		mg/kg	J-	11
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 6020	Barium	160		mg/kg	J-	8
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 6020	Nickel	13		mg/kg	J-	11
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 6020	Barium	63		mg/kg	J-	8
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 6020	Nickel	12		mg/kg	J-	11
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 6020	Barium	140		mg/kg	J+	8
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 6020	Zinc	25		mg/kg	J+	11
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 6020	Barium	73		mg/kg	J+	8
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 6020	Zinc	19		mg/kg	J+	11
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 6020	Barium	120		mg/kg	J+	8
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 6020	Zinc	22		mg/kg	J+	11
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 6020	Antimony	1		mg/kg	UJ	7,8
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 6020	Barium	43		mg/kg	J+	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 6020	Molybdenum	1		mg/kg	U	7
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 6020	Zinc	33		mg/kg	J+	11
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 6020	Barium	71		mg/kg	J+	8
IPL1920	FPS-06S-0.5	IPL1920-01	12/15/2006	Soil	EPA 6020	Zinc	19		mg/kg	J+	11
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 6020	Barium	110		mg/kg	J+	8
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1920	FPS-06S-10	IPL1920-03	12/15/2006	Soil	EPA 6020	Zinc	22		mg/kg	J+	11
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 6020	Barium	160		mg/kg	J+	8
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL1920	FPS-06S-5	IPL1920-02	12/15/2006	Soil	EPA 6020	Zinc	22		mg/kg	J+	11
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6020	Beryllium	0.30		mg/kg	U	7
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 6020	Zinc	18		mg/kg	J-	8
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6020	Cadmium	0.50		mg/kg	UJ	7,11
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 6020	Zinc	31		mg/kg	J-	8
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6020	Cadmium	0.50		mg/kg	UJ	7,11
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6020	Antimony	0.99		mg/kg	UJ	7,8
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6020	Beryllium	0.50		mg/kg	J+	19
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6020	Cadmium	0.50		mg/kg	UJ	7,11
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6020	Molybdenum	0.99		mg/kg	U	7
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 6020	Zinc	28		mg/kg	J-	8
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6020	Antimony	2.4		mg/kg	J-	8
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6020	Cadmium	0.50		mg/kg	UJ	7,11
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 6020	Zinc	49		mg/kg	J-	8
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6020	Cadmium	0.50		mg/kg	UJ	7,11
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 6020	Zinc	30		mg/kg	J-	8
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6020	Antimony	0.98		mg/kg	UJ	7,8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6020	Cadmium	0.49		mg/kg	UJ	7,11
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6020	Molybdenum	0.98		mg/kg	U	7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 6020	Zinc	30		mg/kg	J-	8
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6020	Cadmium	0.50		mg/kg	UJ	7,11
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 6020	Zinc	29		mg/kg	J-	8
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6020	Antimony	0.74	J	mg/kg	J-	8
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6020	Arsenic	1.3		mg/kg	J	7
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 6020	Zinc	5.2	J	mg/kg	J-	8
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6020	Antimony	1.0		mg/kg	UJ	7,8
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6020	Molybdenum	1.0		mg/kg	U	7
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 6020	Zinc	38		mg/kg	J-	8
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6020	Antimony	0.57	J	mg/kg	J-	8
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6020	Beryllium	0.30		mg/kg	U	7
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 6020	Zinc	8.4	J	mg/kg	J-	8
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 350.3	Ammonia-N	1	J	mg/kg	J-	5,8
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	5,8
IPK1028	CPA-01D-30	IPK1028-02	11/8/2006	Soil	EPA 350.3	Ammonia-N	0.83	J	mg/kg	J-	8
IPK1028	CPA-01D-50	IPK1028-04	11/8/2006	Soil	EPA 350.3	Ammonia-N	1.0	J	mg/kg	J-	8
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 350.3	Ammonia-N	1.1	J	mg/kg	J-	8
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 350.3	Ammonia-N	0.93	J	mg/kg	J-	8
IPK1028	CPA-09S-10	IPK1028-08	11/8/2006	Soil	EPA 350.3	Ammonia-N	0.76	J	mg/kg	J-	8
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 350.3	Ammonia-N	1.1	J	mg/kg	J-	8
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 350.3	Ammonia-N	0.88	J	mg/kg	J-	8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 350.3	Ammonia-N	2.2	J	mg/kg	J-	5,8
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 350.3	Ammonia-N	1.1	J	mg/kg	J-	8
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 350.3	Ammonia-N	1.0	J	mg/kg	J-	8
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-04D-05	IPK2022-01	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-04D-10	IPK2022-02	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-04D-30	IPK2022-04	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-04D-50	IPK2022-06	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK2022	CPA-05D-0.5	IPK2022-08	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-05D-05	IPK2022-09	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-05D-10	IPK2022-10	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-05D-30	IPK2022-12	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2022	CPA-05D-50	IPK2022-14	11/16/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-05	IPK2191-01	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-10	IPK2191-02	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-30	IPK2191-04	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-06D-50	IPK2191-06	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-12S-0.50	IPK2191-08	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-12S-05	IPK2191-09	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2191	CPA-12S-10	IPK2191-10	11/17/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-07D-05	IPK2846-01	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-07D-10	IPK2846-02	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-07D-30	IPK2846-04	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-07D-50	IPK2846-06	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-08D-05	IPK2846-07	11/27/2006	Soil	EPA 350.3	Ammonia-N	0.92	J	mg/kg	J-	8
IPK2846	CPA-08D-10	IPK2846-08	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-08D-30	IPK2846-10	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPK2846	CPA-08D-50	IPK2846-12	11/27/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1183	FPS-9D-0.5	IPL1183-01	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1183	FPS-9D-10	IPL1183-03	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1183	FPS-9D-30	IPL1183-05	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1183	FPS-9D-5	IPL1183-02	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-0.5	IPL1184-01	12/11/2006	Soil	EPA 350.3	Ammonia-N	1.5	J	mg/kg	J-	8
IPL1184	FPS-12D-10	IPL1184-03	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-30	IPL1184-05	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-5	IPL1184-02	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1184	FPS-12D-50	IPL1184-08	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1185	FPS-11S-0.5	IPL1185-01	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1185	FPS-11S-10	IPL1185-04	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1185	FPS-11S-5	IPL1185-03	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1186	FPS-16S-0.5	IPL1186-01	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1186	FPS-16S-10	IPL1186-04	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1186	FPS-16S-5	IPL1186-03	12/11/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1331	PSS-04S-0.5	IPL1331-01	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1331	PSS-04S-10	IPL1331-03	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1331	PSS-04S-20	IPL1331-04	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1331	PSS-04S-5	IPL1331-02	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1332	FPS-9D-50	IPL1332-03	12/12/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL1533	FPS-08D-0.5	IPL1533-01	12/13/2006	Soil	EPA 350.3	Ammonia-N	1.3	J	mg/kg	J-	8
IPL1533	FPS-08D-10	IPL1533-04	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1533	FPS-08D-30	IPL1533-06	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1533	FPS-08D-5	IPL1533-03	12/13/2006	Soil	EPA 350.3	Ammonia-N	0.77	J	mg/kg	J-	8
IPL1533	FPS-08D-50	IPL1533-09	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1538	FPS-18D-10	IPL1538-02	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1538	FPS-18D-30	IPL1538-04	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1538	FPS-18D-5	IPL1538-01	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1538	FPS-18D-50	IPL1538-06	12/13/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1718	FPS-02D-0.5	IPL1718-01	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1718	FPS-02D-10	IPL1718-04	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1718	FPS-02D-30	IPL1718-06	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1718	FPS-02D-5	IPL1718-03	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1718	FPS-02D-50	IPL1718-09	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1719	FPS-20D-10	IPL1719-02	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1719	FPS-20D-30	IPL1719-04	12/14/2006	Soil	EPA 350.3	Ammonia-N	1.7	J	mg/kg	J-	8
IPL1719	FPS-20D-5	IPL1719-01	12/14/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL1719	FPS-20D-50	IPL1719-06	12/14/2006	Soil	EPA 350.3	Ammonia-N	0.83	J	mg/kg	J-	8
IPL1919	FPS-19D-10	IPL1919-02	12/15/2006	Soil	EPA 350.3	Ammonia-N	0.7	J	mg/kg	J-	8
IPL1919	FPS-19D-30	IPL1919-04	12/15/2006	Soil	EPA 350.3	Ammonia-N	0.95	J	mg/kg	J-	8
IPL1919	FPS-19D-5	IPL1919-01	12/15/2006	Soil	EPA 350.3	Ammonia-N	0.95	J	mg/kg	J-	8
IPL1919	FPS-19D-50	IPL1919-06	12/15/2006	Soil	EPA 350.3	Ammonia-N	1.1	J	mg/kg	J-	8
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 350.3	Ammonia-N	4.4	J	mg/kg	J-	8
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL2028	FPS-04S-0.5	IPL2028-01	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8

Table IIIA. Overall Qualified Soil Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0	U	mg/kg	UJ	8
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL2030	FPS-01S-10	IPL2030-03	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPL2030	FPS-01S-5	IPL2030-02	12/18/2006	Soil	EPA 350.3	Ammonia-N	5.0		mg/kg	UJ	7,8
IPK1861	CPA-02D-50	IPK1861-02	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1861	CPA-03D-05	IPK1861-07	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1861	CPA-03D-10	IPK1861-08	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1861	CPA-10S-0.50	IPK1861-04	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1861	CPA-10S-05	IPK1861-05	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1861	CPA-10S-10	IPK1861-06	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1865	CPA-03D-30	IPK1865-01	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK1865	CPA-03D-50	IPK1865-03	11/15/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL0840	FPS-14D-0.5	IPL0840-05	12/7/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL0840	FPS-14D-05	IPL0840-06	12/7/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL0840	FPS-14D-10	IPL0840-07	12/7/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL2026	FPS-21D-10	IPL2026-02	12/18/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL2026	FPS-21D-30	IPL2026-04	12/18/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL2026	FPS-21D-50	IPL2026-07	12/18/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPL2030	FPS-01S-0.5	IPL2030-01	12/18/2006	Soil	EPA 7199	Chromium VI	0.20	U	mg/kg	UJ	5
IPK0823	CPA-01D-05	IPK0823-06	11/7/2006	Soil	EPA 9056	Chloride	8.3		mg/kg	U	7
IPK0823	CPA-01D-10	IPK0823-07	11/7/2006	Soil	EPA 9056	Chloride	6.3		mg/kg	U	7
IPK1028	CPA-09S-0.50	IPK1028-06	11/8/2006	Soil	EPA 9056	Chloride	5.0		mg/kg	U	7
IPK1028	CPA-09S-05	IPK1028-07	11/8/2006	Soil	EPA 9056	Chloride	5.0		mg/kg	U	7
IPK3159	FTF-17S-05	IPK3159-12	11/29/2006	Soil	EPA 9056	Chloride	97		mg/kg	U	7
IPL0289	FTF-08D-10	IPL0289-07	12/4/2006	Soil	EPA 9056	Chloride	5.0		mg/kg	U	7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 9056	Chloride	9.8		mg/kg	U	7
IPK1663	CPA-02D-05	IPK1663-01	11/14/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPK1663	CPA-02D-10	IPK1663-02	11/14/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPK1663	CPA-02D-30	IPK1663-04	11/14/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPL2026	FPS-21D-5	IPL2026-01	12/18/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPL2028	FPS-04S-10	IPL2028-03	12/18/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPL2028	FPS-04S-5	IPL2028-02	12/18/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPL2029	CPA-11S-0.5	IPL2029-01	12/18/2006	Soil	EPA 9056	Fluoride	5.0		mg/kg	U	7
IPL1330	FPS-22D-10	IPL1330-02	12/12/2006	Soil	EPA 9056	Orthophosphate - P	1.6	U	mg/kg	UJ	5
IPL1330	FPS-22D-30	IPL1330-04	12/12/2006	Soil	EPA 9056	Orthophosphate - P	1.6	U	mg/kg	UJ	5
IPL1330	FPS-22D-5	IPL1330-01	12/12/2006	Soil	EPA 9056	Orthophosphate - P	1.6	U	mg/kg	UJ	5
IPL1330	FPS-22D-50	IPL1330-06	12/12/2006	Soil	EPA 9056	Orthophosphate - P	1.6	U	mg/kg	UJ	5

Table IIIB

Overall Qualified Water Results

Table IIIB. Overall Qualified Water Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8260B	2-Butanone (MEK)	10	U	ug/l	UJ	5
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8260B	Acetone	10	U	ug/l	UJ	5
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8260B	Nonanal	8.4		ug/l	J-	5
IPK3019	FTF-12D-GW	IPK3019-01RE1	11/28/06	Water	EPA 8260B	Carbon tetrachloride	200	J	ug/l	J-	1
IPK3019	FTF-12D-GW	IPK3019-01RE2	11/28/06	Water	EPA 8260B	Chloroform	100000		ug/l	J-	1
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 8260B	2-Butanone (MEK)	4000	U	ug/l	UJ	5
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8260B	2-Butanone (MEK)	20000	U	ug/l	UJ	5
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 8260B	2-Butanone (MEK)	10000	U	ug/l	UJ	5
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8270C	4-Nitroaniline	19	U	ug/l	UJ	10
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8270C	2,4-Dinitrophenol	19	U	ug/l	UJ	10
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8270C	Aniline	9.4	U	ug/l	UJ	10
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8270C	Di-n-octyl phthalate	19	U	ug/l	UJ	10
IPL0003	FTF-10D-GW	IPL0003-01RE1	11/30/06	Water	EPA 8270C	4-Nitroaniline	380	U	ug/l	UJ	10
IPL0003	FTF-10D-GW	IPL0003-01RE1	11/30/06	Water	EPA 8270C	Aniline	190	U	ug/l	UJ	10
IPL0003	FTF-10D-GW	IPL0003-01RE1	11/30/06	Water	EPA 8270C	Di-n-octyl phthalate	380	U	ug/l	UJ	10
IPL0003	FTF-10D-GW	IPL0003-01RE1	11/30/06	Water	EPA 8270C	3,3-Dichlorobenzidine	380	U	ug/l	UJ	5
IPL0003	FTF-10D-GW	IPL0003-01RE1	11/30/06	Water	EPA 8270C	2,4-Dinitrophenol	380	U	ug/l	UJ	10
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Benzo(a)pyrene	95	U	ug/l	UJ	19
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Benzo(k)fluoranthene	95	U	ug/l	UJ	19
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Benzo(b)fluoranthene	95	U	ug/l	UJ	19
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Benzo(g,h,i)perylene	95	U	ug/l	UJ	19
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Indeno(1,2,3-cd)pyrene	190	U	ug/l	UJ	19
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Dibenz(a,h)anthracene	190	U	ug/l	UJ	19
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 8270C	3,3-Dichlorobenzidine	19	U	ug/l	UJ	5
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 8270C	Pyridine	19	U	ug/l	UJ	10
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	1,4-Dioxane	48	U	ug/l	UJ	19
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8270C	Dichloroacetaldehyde	350	U	ug/l	UJ	5
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 8270C	Dichloroacetaldehyde	350	U	ug/l	UJ	5
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8270C	Dichloroacetaldehyde	350	U	ug/l	UJ	5
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 8270C	Dichloroacetaldehyde	350	U	ug/l	UJ	5
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8081A	Aldrin	0.094	U	ug/l	UJ	10
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8081A	Heptachlor	0.094	U	ug/l	UJ	10
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 8081A	Heptachlor	0.94	U	ug/l	UJ	10
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 8081A	beta-BHC	1.5		ug/l	J	12
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 8081A	Aldrin	0.94	U	ug/l	UJ	10
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 1668A	HexaCB-(156)+(157)	0.025		ng/L	U	7
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 1668A	23'44'5-PentaCB-(118)	0.553		ng/L	U	7
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 1668A	HexaCB-(156)+(157)	0.079		ng/L	U	7

Table IIIB. Overall Qualified Water Results

SDG	Field Sample ID	Lab Sample ID	Sample Date	Matrix	Analytical Method	Analyte	Result	Lab Qualifier	Units	Validation Qualifier	Reason Codes
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 8315A	Chloroacetaldehyde	10	U	ug/l	R	5
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 8315A	Acetaldehyde	30		ug/l	U	7
IPL0290	FTF-07D-GW	IPL0290-01RE1	12/04/06	Water	EPA 8315A	Chloroacetaldehyde	10	U	ug/l	R	1
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 8315A	Acetaldehyde	30		ug/l	UJ	1,7
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 8315A	Formaldehyde	60	U	ug/l	R	1
IPL0841	FTF-11D-GW	IPL0841-01RE1	12/07/06	Water	EPA 8315A	Chloroacetaldehyde	10	U	ug/l	R	1
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6010B	Lithium	0.51		mg/l	J-	8
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6010B	Potassium	39		mg/l	J+	8
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 6010B	Lithium	0.61		mg/l	J-	8
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6020	Chromium	25		ug/l	U	7
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6020	Antimony	20	U	ug/l	UJ	8
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6020	Cobalt	14		ug/l	J-	11
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6020	Copper	28		ug/l	J-	11
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6020	Nickel	33		ug/l	J-	11
IPK3019	FTF-12D-GW	IPK3019-01	11/28/06	Water	EPA 6020	Silver	1.6	J	ug/l	J-	11
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 6020	Antimony	0.56	J	ug/l	U	7
IPL0290	FTF-07D-GW	IPL0290-01	12/04/06	Water	EPA 6020	Antimony	0.58	J	ug/l	U	7
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 6020	Aluminum	6600		ug/l	J	8,9
IPL0841	FTF-11D-GW	IPL0841-01	12/07/06	Water	EPA 6020	Nickel	18	J	ug/l	J-	11
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 7199	Chromium VI	0.0020	U	mg/l	R	1
IPL0003	FTF-10D-GW	IPL0003-01	11/30/06	Water	EPA 9040B	pH	7.16		pH Units	J-	1

ATTACHMENT A1

Volatiles Soil Data Validation Report

Volatiles by EPA SW 846 Method 8260B

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

In the case where %RSD was greater than 15.0%, the laboratory used a calibration curve to evaluate the compound. All coefficients of determination (r^2) were greater than or equal to 0.990 .

For the purposes of technical evaluation, all compounds were evaluated against the 30.0% (%RSD) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria.

Average relative response factors (RRF) for all volatile target compounds and system performance check compounds (SPCCs) were within method and validation criteria the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK0629 IPK0823 IPK1028	11/8/06	2-Butanone	0.041 (≥0.05)	FBT-03D-10 FBT-03D-20 FBT-03D-30 FBT-03D-40 FTF-21D-10 FTF-21D-20 FTF-21D-30 FTF-21D-40 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-20 CPA-01D-30 CPA-01D-50	J (all detects) UJ (all non-detects)	A
IPK0629 IPK1028	10/23/06	2-Butanone	0.031 (≥0.05)	FBT-03D-50 CPA-01D-40 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	J (all detects) UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL0840 IPL1183 IPL1184 IPL1186 IPK2191 IPK2846 IPK3018 IPK3159 IPL0001 IPL0102 IPL0289 IPL1330	11/28/06	2-Butanone	0.043 (≥0.05)	FTF-11D-45 FTF-11D-50 FPS-14D-45 FPS-9D-20 FPS-12D-20 FPS-12D-30 FPS-12D-50 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 CPA-12S-05 CPA-12S-10 CPA-08D-05 CPA-08D-10 CPA-08D-20 CPA-08D-30 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47 FTF-14S-10 FTF-16S-05 FTF-16S-10 FTF-17S-10 FTF-09D-10 FTF-09D-20 FTF-09D-30 FTF-09D-40 FTF-09D-45 FTF-09D-50 FTF-10D-10 FTF-10D-20 FTF-10D-30 FTF-10D-40 FTF-10D-45 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-08D-20 FTF-08D-30 FTF-08D-40 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30	J (all detects) UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL1185 IPL1718 IPL2026 IPL1538 IPL2030 IPL1919	12/12/06	2-Butanone	0.041 (≥0.05)	FPS-11S-10 FPS-02D-0.5 FPS-02D-5 FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-30 FPS-01S-5 FPS-19D-10 FPS-19D-50 FPS-19D-45	J (all detects) UJ (all non-detects)	A
IPK2191 IPK2022	10/24/06	2-Butanone	0.042 (≥0.05)	CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-04D-05 CPA-04D-40 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-40	J (all detects) UJ (all non-detects)	A
IPL2026 IPL2029	12/26/06	2-Butanone	0.043 (≥0.05)	FPS-21D-40 CPA-11S-0.5	J (all detects) UJ (all non-detects)	A
IPL2028 IPL2030	12/20/06	2-Butanone	0.043 (≥0.05)	FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5	J (all detects) UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 25.0% (%D) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK0629 IPK1028	11/13/06	Acetone	33.1	FBT-03D-50 CPA-01D-40	N/A	-
IPK1663 IPK1861 IPK1865 IPK2022	11/17/06	Acetone	38.5	CPA-02D-05 CPA-02D-10 CPA-02D-20 CPA-02D-30 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-20 CPA-03D-30 CPA-03D-40 CPA-04D-10 CPA-04D-20	J- (all detects) UJ (all non-detects)	A
IPK1861 IPK1865 IPK2022	11/20/06	Acetone 2-Butanone 2,2-Dichloropropane 2-Hexanone	54.1 38.3 28.4 31.5	CPA-02D-40 CPA-02D-50 CPA-03D-50 CPA-04D-30 CPA-05D-30 CPA-05D-50	UJ (all non-detects)	A
IPL0840 IPL1183 IPL1184	12/13/06	Acetone	26.0	FTF-11D-45 FTF-11D-50 FPS-14D-45 FPS-9D-20 FPS-12D-20 FPS-12D-30 FPS-12D-50	N/A	-
IPL0840 IPL0289	12/8/06	Dichlorodifluoromethane	31.7	FTF-11D-30 FPS-14D-0.5 FTF-08D-50	N/A	-
IPL0840 IPL0102 IPL0289	12/8/06	Acetone	35.2	FTF-11D-30 FPS-14D-0.5 FTF-13D-40 FTF-08D-50	J- (all detects) UJ (all non-detects)	A
IPL1183 IPL1184	12/13/06	Dichlorodifluoromethane 2-Butanone	34.7 25.5	FPS-9D-30 FPS-12D-40 FPS-12D-45	N/A	-
IPL1186 IPL1330	12/14/06	Carbon tetrachloride	26.6	FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FPS-22D-10	J+ (all detects)	A
IPL1186 IPL1330	12/14/06	Dichlorodifluoromethane Trichlorofluoromethane 2,2-Dichloropropane 2-Hexanone n-Butylbenzene	27.8 29.8 29.6 28.6 27.2	FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK1028	11/13/06	Acetone 2-Butanone 2-Hexanone	71.8 73.2 58.5	CPA-01D-50	N/A	-
IPK1028	11/14/06	Acetone 2-Butanone	43.5 35.5	CPA-09S-0.50 CPA-09S-05 CPA-09S-10	J+ (all detects) N/A	A
IPK2191 IPK2022	11/22/06	Methylene chloride	28.2	CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-04D-05 CPA-04D-40 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-40	UJ (all non-detects)	A
IPK2191 IPK2846 IPK3018	11/30/06	n-Butylbenzene	26.6	CPA-12S-05 CPA-12S-10 CPA-08D-05 CPA-08D-10 CPA-08D-20 CPA-08D-30 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	N/A	-
IPK3159 IPL0001	12/4/06	2-Butanone 2-Hexanone	37.2 39.7	FTF-14S-10 FTF-16S-05 FTF-16S-10 FTF-17S-10 FTF-09D-20 FTF-09D-40 FTF-09D-45 FTF-09D-50 6L04004-BLK1 FTF-10D-10 FTF-13D-30	N/A	-
IPK3159 IPL0001	12/4/06	Acetone	73.3	FTF-16S-10 FTF-17S-10 FTF-09D-20 FTF-09D-40 FTF-09D-45 FTF-09D-50 FTF-10D-10 FTF-13D-30	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK3159 IPL0001 IPL0102	12/5/06	Dichlorodifluoromethane Trichlorofluoromethane 2-Butanone 2,2-Dichloropropane 2-Hexanone	29.5 33.0 51.2 27.3 42.9	FTF-09D-10 FTF-09D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-40 FTF-13D-50	N/A	-
IPK3159 IPL0001 IPL0102	12/5/06	Acetone	103.4	FTF-09D-10 FTF-09D-30 FTF-10D-50 FTF-13D-50	N/A	-
IPK3159 IPL0001 IPL0102 IPL0289	12/7/06	Acetone	32.4	FTF-14S-10 FTF-16S-05 FTF-13D-10 FTF-13D-20 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-08D-10	J- (all detects) UJ (all non-detects)	A
IPL0001	12/4/06	Dichlorodifluoromethane Trichlorofluoromethane Acetone 2,2-Dichloropropane n-Butylbenzene	28.2 26.3 60.3 25.3 30.4	FTF-10D-20 FTF-10D-30 FTF-10D-40 FTF-10D-45	N/A	-
IPL0102	12/6/06	Trichlorofluoromethane	27.3	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10	N/A	-
IPL0102 IPL0289	12/7/06	1,2-Dichloroethane Hexachlorobutadiene 1,2-Dibromo-3-chloropropane	34.8 25.9 36.32	FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-08D-10	N/A	-
IPL0289	12/7/06	Acetone	26.7	FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45	J- (all detects) UJ (all non-detects)	A
IPL0289	12/7/06	Carbon tetrachloride Dichlorodifluoromethane Trichlorofluoromethane 2,2-Dichloropropane n-Butylbenzene	25.4 29.0 27.9 27.3 29.2	FTF-08D-20 FTF-08D-30 FTF-08D-40	J+ (all detects) N/A N/A N/A N/A	A
IPL1330	12/14/06	Acetone	68.5	FPS-22D-30	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL1330	12/20/06	Acetone	36.8	FPS-22D-5 FPS-22D-10 FPS-22D-20	J- (all detects) UJ (all non-detects)	A
IPL1332 IPL1533	12/20/06	Acetone 2-Butanone	36.8 37.8	FPS-9D-40 FPS-08D-5 FPS-08D-30 FPS-08D-45	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
IPL1332 IPL1718 IPL1533	12/20/06	2-Butanone	31.1	FPS-9D-45 FPS-9D-50 FPS-02D-10 FPS-02D-20 FPS-02D-30 FPS-02D-40 FPS-02D-45 FPS-08D-20	J- (all detects) UJ (all non-detects)	A
IPL1718 IPL1538 IPL1533 IPL1919	12/20/06	Dichlorodifluoromethane 2-Butanone	28.8 26.0	FPS-02D-50 FPS-18D-40 FPS-18D-50 FPS-08D-40 FPS-08D-50 FPS-19D-5	N/A	-
IPL1719 IPL1920 IPL1919	12/21/06	Acetone 2-Butanone	26.4 31.1	FPS-20D-5 FPS-20D-10 FPS-20D-20 FPS-20D-30 FPS-20D-40 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-20 FPS-19D-30 FPS-19D-40	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
IPL2026	12/27/06	Chloromethane 2-Butanone	27.0 28.4	FPS-21D-45	UJ (all non-detects) UJ (all non-detects)	A
IPL1919	12/22/06	2-Butanone	34.1	FPS-19D-10	J+ (all detects)	A
IPL2026 IPL1919	12/22/06	1,2-Dichloroethane	29.5	FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-19D-50 FPS-19D-45	UJ (all non-detects)	A
IPL2026	12/27/06	Acetone 2-Butanone	48.2 25.6	FPS-21D-40	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL2028 IPL2029 IPL2030	12/27/06	Chloroethane	25.8	FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5	UJ (all non-detects)	A
IPL2028 IPL2029 IPL2030	12/27/06	2-Hexanone	26.5	FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5	N/A	-
IPL2030	12/27/06	Chloromethane	25.7	FPS-01S-10	UJ (all non-detects)	A
IPL2030	12/26/06	Dichlorodifluoromethane Trichlorofluoromethane 1,1,1-Trichloroethane 1,2-Dichloroethane	31.9 26.5 27.8 34.6	FPS-01S-5	UJ (all non-detects)	A

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

All of the continuing calibration RRF values were within method and validation criteria with the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK0629 IPK1028 IPK0823	11/10/06	2-Butanone	0.041 (≥0.05)	FBT-03D-10 FBT-03D-20 FBT-03D-30 FBT-03D-40 CPA-01D-20 CPA-01D-30 FTF-21D-10 FTF-21D-20 FTF-21D-30 FTF-21D-40 FTF-21D-50 CPA-01D-05 CPA-01D-10	J (all detects) UJ (all non-detects)	A
IPK0629 IPK1028	11/13/06	2-Butanone	0.038 (≥0.05)	FBT-03D-50 CPA-01D-40	J (all detects) UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK1663 IPK1861 IPK1865 IPK2022	11/17/06	2-Butanone	0.047 (≥0.05)	CPA-02D-05 CPA-02D-10 CPA-02D-20 CPA-02D-30 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-20 CPA-03D-30 CPA-03D-40 CPA-04D-10 CPA-04D-20	J (all detects) UJ (all non-detects)	A
IPK1861 IPK1865 IPK2022	11/20/06	2-Butanone	0.037 (≥0.50)	CPA-02D-40 CPA-02D-50 CPA-03D-50 CPA-04D-30 CPA-05D-30 CPA-05D-50	J (all detects) UJ (all non-detects)	A
IPL0840 IPL0289	12/8/06	2-Butanone	0.044 (≥0.05)	FTF-11D-30 FPS-14D-0.5 FTF-08D-50	J (all detects) UJ (all non-detects)	A
IPL118 IPL1538	12/19/06	2-Butanone	0.045 (≥0.05)	FPS-11S-10 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-30	J (all detects) UJ (all non-detects)	A
IPK1028	11/14/06	2-Butanone	0.042 (≥0.05)	CPA-09S-0.50 CPA-09S-05 CPA-09S-10	J (all detects) UJ (all non-detects)	A
IPK2191 IPK2022	11/22/06	2-Butanone	0.038 (≥0.05)	CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-04D-05 CPA-04D-40 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-40	J (all detects) UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK2191 IPK2846 IPK3018	11/30/06	2-Butanone	0.044 (≥0.05)	CPA-12S-05 CPA-12S-10 CPA-08D-05 CPA-08D-10 CPA-08D-20 CPA-08D-30 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	J (all detects) UJ (all non-detects)	A
IPL0102	12/6/06	2-Butanone	0.035 (≥0.05)	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10	J (all detects) UJ (all non-detects)	A
IPL0289	12/7/06	2-Butanone	0.038 (≥0.05)	FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45	J (all detects) UJ (all non-detects)	A
IPL0289	12/7/06	2-Butanone	0.040 (≥0.05)	FTF-08D-20 FTF-08D-30 FTF-08D-40	J (all detects) UJ (all non-detects)	A
IPL1331	12/15/06	2-Butanone	0.043 (≥0.05)	PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20	J (all detects) UJ (all non-detects)	A
IPL1332 IPL1533	12/20/06	2-Butanone	0.046 (≥0.05)	FPS-9D-40 FPS-08D-5 FPS-08D-30 FPS-08D-45	J (all detects) UJ (all non-detects)	A
IPL1718	12/19/06	2-Butanone	0.04 (≥0.05)	FPS-02D-0.5 FPS-02D-5	J (all detects) UJ (all non-detects)	A
IPL2026	12/28/06	2-Butanone	0.048 (≥0.05)	FPS-21D-50	J (all detects) UJ (all non-detects)	A
IPL2028 IPL2029 IPL2030	12/27/06	2-Butanone	0.047 (≥0.05)	FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5	J (all detects) UJ (all non-detects)	A
IPL2030	12/26/06	2-Butanone	0.046 (≥0.05)	FPS-01S-5	J (all detects) UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
IPK2191 IPK2022	6K22015-BLK1	11/22/06	Toluene	0.520 ug/Kg	CPA-06D-05 CPA-06D-10 CPA-04D-05 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20
IPK2022	6K20011-BLK1	11/17/06	Naphthalene	86.0 ug/Kg	CPA-04D-30 CPA-05D-30 CPA-05D-50
IPK3159 IPL0001 IPL0102 IPL0289	6L07013-BLK1	12/7/06	Acetone	8.32 ug/Kg	FTF-14S-10 FTF-16S-05 FTF-13D-10 FTF-13D-20 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-08D-10
IPL0102	6L06027-BLK1	12/6/06	Acetone	8.74 ug/Kg	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10
IPL0289	6L07023-BLK1	12/7/06	Acetone	11.1 ug/Kg	FTF-08D-40
IPL1718	6L20013-BLK1	12/20/06	n-Butylbenzene Naphthalene	1.0 ug/Kg 1.72 ug/Kg	FPS-02D-10
IPL1719 IPL1920 IPL1919	6L21012-BLK1	12/21/06	n-Butylbenzene Naphthalene	1.22 ug/Kg 1.34 ug/Kg	FPS-20D-5 FPS-20D-10 FPS-20D-20 FPS-20D-30 FPS-20D-40 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-20 FPS-19D-30
IPL2026	6L22036-BLK1	12/22/06	Naphthalene 1,2,4-Trimethylbenzene	82.0 ug/Kg 35.0 ug/Kg	FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30

SDG	Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
IPL1919	6L22015-BLK1	12/22/06	Benzene	0.540 ug/Kg	FPS-19D-10

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK2022	CPA-05D-0.5	Toluene	0.52 ug/Kg	1.7U ug/Kg
IPK2022	CPA-05D-10	Toluene	0.67 ug/Kg	2.0U ug/Kg
IPK2022	CPA-05D-20	Toluene	0.54 ug/Kg	1.9U ug/Kg
IPK3159	FTF-14S-10	Acetone	18 ug/Kg	18U ug/Kg
IPK3159	FTF-16S-05	Acetone	21 ug/Kg	21U ug/Kg
IPL0001	FTF-13D-10	Acetone	16 ug/Kg	16U ug/Kg
IPL0001	FTF-13D-20	Acetone	21 ug/Kg	21U ug/Kg
IPL0102	FTF-18S-0.5	Acetone	52 ug/Kg	52U ug/Kg
IPL0102	FTF-18S-05	Acetone	40 ug/Kg	40U ug/Kg
IPL0102	FTF-18S-10	Acetone	69 ug/Kg	69U ug/Kg
IPL0102	FTF-20S-0.5	Acetone	70 ug/Kg	70U ug/Kg
IPL0102	FTF-20S-05	Acetone	62 ug/Kg	62U ug/Kg
IPL0102	FTF-20S-10	Acetone	36 ug/Kg	36U ug/Kg
IPL0102	FTF-19S-0.5	Acetone	25 ug/Kg	25U ug/Kg
IPL0102	FTF-19S-05	Acetone	55 ug/Kg	55U ug/Kg
IPL0102	FTF-19S-10	Acetone	39 ug/Kg	39U ug/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0289	FTF-08D-10	Acetone	13 ug/Kg	13U ug/Kg
IPL1719	FPS-20D-5	n-Butylbenzene Naphthalene	1.1 ug/Kg 2.3 ug/Kg	4.2U ug/Kg 4.2U ug/Kg
IPL1920	FPS-06S-0.5	Naphthalene	1.6 ug/L	4.4U ug/L
IPL1920	FPS-06S-10	Naphthalene	3.5 ug/L	5.3U ug/L
IPL1919	FPS-19D-10	Benzene	1.2 ug/Kg	1.9U ug/Kg

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPL1185	FPS-11S-0.5	Bromofluorobenzene	71 (75-120)	All TCL compounds except 1,2,4-Trichlorobenzene	J- (all detects) UJ (all non-detects)	A
IPL1919	FPS-19D-10	Dibromofluoromethane Toluene-d8	150 (80-135) 70 (80-120)	1,2-Dichloroethane 1,1,1-Trichloroethane	UJ (all non-detects) UJ (all non-detects)	A

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPK0629 IPK0823	6K10014-BS1/BSD1 (FBT-03D-10 FBT-03D-20 FBT-03D-30 FBT-03D-40 FTF-21D-10 FTF-21D-20 FTF-21D-30 FTF-21D-40 FTF-21D-50 CPA-01D-05 CPA-01D-10)	1,2-Dibromo-3-chloropropane	-	141 (45-140)	-	N/A	-
IPK0629 IPK1028	6K13008-BS1-BSD1 (FBT-03D-50 CPA-01D-40)	Naphthalene 1,2,3-Trichlorobenzene 1,2-Dibromo-3-chloropropane	162 (50-140) 135 (60-130) 172 (45-140)	168 (50-140) 138 (60-130) 177 (45-140)	- - -	J+ (all detects) J+ (all detects) N/A	P
IPK1663 IPK1861 IPK1865 IPK2022	6K17020-BS1/BSD1 (CPA-02D-05 CPA-02D-10 CPA-02D-20 CPA-02D-30 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-20 CPA-03D-30 CPA-03D-40 CPA-04D-10 CPA-04D-20)	1,2-Dibromo-3-chloropropane	144 (45-140)	-	-	N/A	-
IPL0840	6L08023-BS1/BSD1 (FTF-11D-30 FPS-14D-0.5)	Bromomethane 1,2-Dibromo-3-chloropropane Dichlorodifluoromethane 4-Methyl-2-pentanone	152 (65-140) - - -	157 (65-140) 142 (45-140) 166 (25-155) 147 (40-145)	- - - -	N/A	-
IPL0840 IPL1183 IPL1184	6L12146-BS1/BSD1 (FTF-11D-40 FTF-11D-45 FTF-11D-50 FPS-14D-20 FPS-14D-30 FPS-14D-40 FPS-14D-45 FPS-14D-50 FPS-9D-20 FPS-9D-30 FPS-12D-5 FPS-12D-10 FPS-12D-20 FPS-12D-30 FPS-12D-40 FPS-12D-45 FPS-12D-50)	Isopropylbenzene	-	128 (70-125)	-	N/A	-

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL1183 IPL1184	6L12144-BS1/BSD1 (FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-0.5)	Bromomethane	142 (65-140)	-	-	N/A	-
IPL1183 IPL1184	6L12146-BS1/BSD1 (FPS-9D-20 FPS-9D-30 FPS-12D-5 FPS-12D-10 FPS-12D-20 FPS-12D-30 FPS-12D-40 FPS-12D-45 FPS-12D-50)	Vinyl chloride	30 (50-130)	30 (50-130)	-	UJ (all non-detects)	P
IPL1185 IPL1330	6L14021-BS1/BSD1 (FPS-11S-5 FPS-11S-10 FPS-22D-50)	Dichlorodifluoromethane Vinyl chloride	23 (25-155) 34 (50-130)	21 (25-155) 32 (50-130)	- -	UJ (all non-detects) UJ (all non-detects)	P
IPL1185	6L15022-BS1/BSD1 (FPS-11S-0.5)	Bromomethane	146 (65-140)	146 (65-140)	-	N/A	-
IPL1186 IPL1330	6L14012-BS1/BSD1 (FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30)	Bromomethane 1,2-Dibromo-3-chloropropane Dichlorodifluoromethane 2-Hexanone 4-Methyl-2-pentanone Naphthalene	177 (65-140) 171 (45-140) 188 (25-155) 154 (40-150) 160 (40-150) -	174 (65-140) 175 (45-140) 177 (25-155) 159 (40-150) 167 (40-150) 141 (50-140)	- - - - - -	N/A	-
IPK1028	6K14007-BS1/BSD1 (CPA-09S-0.50 CPA-09S-05 CPA-09S-10)	Bromomethane 2-Butanone 1,2-Dibromo-3-chloropropane 2-Hexanone 4-Methyl-2-pentanone Naphthalene 1,2,3-Trichlorobenzene 1,2,3-Trichloropropane	139 (75-135) 153 (40-145) 204 (45-140) 165 (40-150) 164 (40-145) 180 (50-140) 142 (60-130) 137 (55-135)	- - 193 (45-140) 155 (40-150) 152 (40-145) 173 (50-140) 140 (60-130) -	- - - - - - - -	N/A	-
IPK2191 IPK2022	6K22019-BS1-BSD1 (CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-04D-40 CPA-04D-50 CPA-05D-40)	Vinyl chloride	23 (50-130)	23 (50-130)	-	UJ (all non-detects)	P

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPK2191 IPK2846 IPK3018	6K30014-BS1/BSD1 (CPA-12S-05 CPA-12S-10 CPA-08D-05 CPA-08D-10 CPA-08D-20 CPA-08D-30 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40)	1,2-Dibromo-3-chloropropane 2-Hexanone 4-Methyl-2-pentanone Naphthalene 1,2,3-Trichloropropane	163 (45-140) 178 (40-150) 169 (40-145) 154 (50-140) -	171 (45-140) 190 (40-150) 180 (40-145) 160 (50-140) 138 (55-135)	- - - - -	N/A	-
IPK2846 IPK3018	6K29012-BS1/BSD1 (CPA-07D-20 CPA-07D-30 CPA-07D-40 CPA-07D-50 FTF-12D-47)	Vinyl chloride	21 (50-130)	26 (50-130)	-	UJ (all non-detects)	P
IPK2846 IPK3018	6K29012-BS1/BSD1 (CPA-07D-20 CPA-07D-30 CPA-07D-40 CPA-07D-50 FTF-12D-47)	Isopropylbenzene	-	127 (70-125)	-	N/A	-
IPK2022	6K22015-BS1/BSD1 (CPA-04D-05 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20)	1,2-Dibromo-3-chloropropane	-	149 (45-140)	-	N/A	-
IPK3159	6L01006-BS1/BSD1 (FTF-14S-0.5 FTF-14S-05 FTF-16S-0.5 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05)	Bromomethane 1,2-Dibromo-3-chloropropane 4-Methyl-2-pentanone 1,2,3-Trichloropropane 2-Hexanone	157 (65-140) 147 (45-140) 149 (40-145) 145 (55-135) -	151 (65-140) 159 (45-140) 165 (40-145) 150 (55-135) 164 (40-150)	- - - - -	N/A	-
IPK3159	6L01036-BS1/BSD1 (FTF-16S-10 FTF-09D-10 FTF-09D-20)	Vinyl chloride	27 (50-130)	23 (50-130)	-	UJ (all non-detects)	P
IPK3159	6L04004-BS1/BSD1 (FTF-14S-10 FTF-16S-05)	Bromomethane 1,2-Dibromo-3-chloropropane 2-Hexanone 4-Methyl-2-pentanone	141 (65-140) 148 (45-140) - -	144 (65-140) 168 (45-140) 162 (40-150) 162 (40-145)	- - - -	N/A	-

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPK3159 IPL0001 IPL0102	6L04015-BS1/BSD1 (FTF-17S-10 FTF-09D-30 FTF-09D-40 FTF-09D-45 FTF-09D-50 FTF-10D-10 FTF-10D-20 FTF-10D-30 FTF-10D-40 FTF-10D-45 FTF-10D-50 FTF-13D-30 FTF-13D-50)	Vinyl chloride	19 (50-130)	19 (50-130)	-	UJ (all non-detects)	P
IPL0001 IPL0102	6L05024-BS1/BSD1 (FTF-13D-10 FTF-13D-20 FTF-13D-40)	1,2-Dibromo-3-chloropropane 4-Methyl-2-pentanone	163 (45-140) 148 (40-145)	- -	- -	N/A	-
IPL0102	6L06027-BS1/BSD (FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10)	Bromomethane 1,2-Dibromo-3-chloropropane Dichlorodifluoromethane 2-Hexanone 4-Methyl-2-pentanone Naphthalene	172 (65-140) 173 (45-140) 161 (25-155) 156 (40-150) 160 (40-145) 144 (50-140)	169 (65-140) 181 (45-140) 156 (25-155) 166 (40-150) 165 (40-145) 144 (50-140)	- - - - - -	N/A	-
IPL0102 IPL0289	6L07013-BS1-BSD (FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-08D-10)	Bromomethane 1,2-Dibromo-3-chloropropane 1,2-Dichloroethane 2-Hexanone 4-Methyl-2-pentanone Naphthalene 1,2,3-Trichloropropane	151 (65-140) 220 (45-140) 142 (60-140) 162 (40-150) 166 (40-145) 148 (50-140) 146 (55-135)	148 (65-140) 218 (45-140) - 159 (40-150) 165 (40-145) 147 (50-140) 144 (55-135)	- - - - - - -	N/A	-
IPL0289	6L07010-BS1/BSD1 (FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-07D-50)	Vinyl chloride	38 (50-130)	38 (50-130)	-	UJ (all non-detects)	P
IPL0289	6L07010-BS1/BSD1 (FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-07D-50)	n-Butylbenzene Isopropylbenzene	- -	127 (70-125) 127 (70-125)	- -	N/A	-
IPL0289	6L07023-BS1/BSD1 (FTF-08D-20 FTF-08D-30 FTF-08D-40)	Bromomethane 1,2-Dibromo-3-chloropropane Dichlorodifluoromethane 2-Hexanone 4-Methyl-2-pentanone	166 (65-140) 172 (45-140) 167 (25-155) 153 (40-150) 156 (40-145)	166 (65-140) 167 (45-140) 163 (25-155) 152 (40-150) 156 (40-145)	- - - - -	N/A	-

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL0289	6L08041-BS1/BSD1 (FTF-08D-50)	Vinyl chloride	34 (50-130)	31 (50-130)	-	UJ (all non-detects)	P
IPL0289	6L08041-BS1/BSD1 (FTF-08D-50)	Methylene chloride	-	-	27 (≤20)	UJ (all non-detects)	P
IPL1330	6L16021-BS1/BSD1 (FPS-22D-40)	Chloromethane Dichlorodifluoromethane Trichlorofluoromethane Bromomethane Carbon tetrachloride Bromodichloromethane 2-Chlorotoluene 1,2-Dichloroethane 1,1,1-Trichloroethane	31 (40-140) 10 (25-155) 57 (60-140 - - - - - -	- 21 (25-155) - - - - - - -	37 (≤25) 70 (≤30) 40 (≤25) 34 (≤30) 28 (≤20) 31 (≤25) 21 (≤20) 25 (≤20) 28 (≤20)	UJ (all non-detects)	P
IPL1330	6L16021-BS1/BSD1 (FPS-22D-40)	Vinyl chloride	29 (50-130)	36 (50-130)	-	UJ (all non-detects)	P
IPL1331	6L15009BS1/BSD1 (PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20)	Bromomethane 1,2-Dibromo-3-chloropropane	148 (65-140) 141 (45-140)	146 (65-140) -	- -	N/A	-
IPL1332 IPL1718 IPL1538 IPL1533 IPL1919	6L20042BS1/BSD1 (FPS-9D-40 FPS-9D-45 FPS-9D-50 FPS-02D-20 FPS-02D-30 FPS-02D-40 FPS-02D-45 FPS-02D-50 FPS-18D-40 FPS-18D-50 FPS-08D-30 FPS-08D-40 FPS-08D-45 FPS-08D-50 FPS-19D-5)	Acetone Bromodichloromethane Bromomethane Carbon tetrachloride Chloroethane Chloroform Chloromethane 2-Chlorotoluene 1,2-Dibromo-3-chloropropane Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane Trichlorofluoromethane Vinyl chloride Methyl-tert-butyl ether	- - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - -	36 (≤30) 32 (≤20) 38 (≤30) 31 (≤20) 37 (≤25) 32 (≤20) 31 (≤25) 23 (≤20) 51 (≤30) 36 (≤30) 27 (≤20) 52 (≤20) 22 (≤20) 41 (≤20) 39 (≤25) 33 (≤25) 27 (≤25)	J (all detects) UJ (all non-detects)	P
IPL1718	6L19015BS1/BSD1 (FPS-02D-0.5)	2-Butanone	148 (40-145)	153 (40-145)	-	J+ (all detects)	P
IPL1718 IPL1538	6L19015BS1/BSD1 (FPS-02D-0.5 FPS-02D-5 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-30)	2-Hexanone 4-Methyl-2-pentanone 1,2-Dibromo-3-chloropropane 1,1,2,2-Tetrachloroethane	159 (40-150) 151 (40-145) - -	163 (40-150) 155 (40-145) 142 (46-140) 143 (55-140)	- - - -	N/A	-
IPL1718	6L20013BS1/BSD1 (FPS-02D-10)	1,2-Dibromo-3-chloropropane	163 (45-140)	-	-	N/A	-

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL1719 IPL1920 IPL1919	6L21012-BS1/BSD1 (FPS-20D-5 FPS-20D-10 FPS-20D-20 FPS-20D-30 FPS-20D-40 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-20 FPS-19D-30)	1,2-Dibromo-3-chloropropane	158 (45-140)	157 (45-140)	-	N/A	-
IPL1719 IPL1920 IPL1919	6L21012-BS1 (FPS-20D-5 FPS-20D-10 FPS-20D-20 FPS-20D-30 FPS-20D-40 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-20 FPS-19D-30)	1,1-Dichloroethene	69 (70-130	-	-	UJ (all non-detects)	P
IPL2026	6L22036-BS1/BSD1 (FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30)	Vinyl chloride Bromochloromethane Bromodichloromethane Bromomethane tert-Butylbenzene Carbon tetrachloride Chloroethane Chloroform 2-Chlorotoluene Dibromochloromethane Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane Naphthalene 1,1,1-Trichloroethane Trichlorofluoromethane 1,2,4-Trimethylbenzene	22 (50-130) - - - - - - - - - - - - - - - -	46 (50-130) - - - - - - - - - - - - - - - -	68 (≤25) 23 (≤20) 29 (≤20) 47 (≤30) 23 (≤20) 45 (≤20) 39 (≤25) 40 (≤20) 21 (≤20) 22 (≤20) 45 (≤30) 21 (≤20) 26 (≤20) 30 (≤25) 45 (≤20) 67 (≤25) 22 (≤20)	J (all detects) UJ (all non-detects)	P
IPL2026 IPL2030	6L27037-BS1/BSD1 (FPS-21D-40 FPS-21D-45 FPS-21D-50 FPS-01S-10)	Vinyl chloride	45 (50-130)	30 (50-130)	40 (≤25)	UJ (all non-detects)	P
IPL2028 IPL2029 IPL2030	6L27008-BS1/BSD1 (FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5)	1,2-Dibromo-3-chloropropane 2-Hexanone 4-Methyl-2-pentanone Naphthalene 1,2,3-Trichloropropane 1,1,2,2-Tetrachloroethane	162 (45-140) 176 (40-150) 174 (40-145) 141 (50-140) 142 (55-135) -	168 (45-140) 182 (40-150) 178 (40-145) 144 (50-140) 151 (55-135) 140 (65-140)	- - - - - -	N/A	-

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL1533	6L16011-BS1/BSD1 (FPS-08D-0.5 FPS-08D-10)	Bromoform Bromomethane 1,2-Dibromo-3-chloropropane 4-Methyl-2-pentanone Naphthalene	141 (75-135) 162 (65-140) 149 (45-140) 150 (40-145) 143 (50-140)	- 156 (65-140) - - -	- - - - -	N/A	-
IPL1533	6L19038-BS1/BSD1 (FPS-08D-20)	Chloromethane Vinyl chloride	31 (40-140) 29 (50-130)	27 (40-140) 25 (50-130)	- -	UJ (all non-detects) UJ (all non-detects)	P
IPL1533	6L19038-BS1/BSD1 (FPS-08D-20)	Dichlorodifluoromethane	7 (25-155)	4 (25-155)	44 (≤30)	R (all non-detects)	P
IPL1533	6L20026-BS1/BSD1 (FPS-08D-5)	1,2-Dibromo-3-chloropropane	-	144 (45-140)	-	N/A	-
IPL1919	6L22015-BS1/BSD1 (FPS-19D-10)	2-Hexanone 1,1,2,2-Tetrachloroethane	151 (40-150) 144 (55-140)	- -	- -	J+ (all detects) N/A	P

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPL1185	FPS-11S-0.5	Chlorobenzene-d5 1,4-Dichlorobenzene-d4	511130 (577108-2308432) 119036 (329585-1318338)	Dibromochloromethane Bromoform 2-Hexanone Tetrachloroethene Chlorobenzene Ethylbenzene Styrene 1,3-Dichloropropane 1,2-Dibromoethane 1,1,1,2-Tetrachloroethane m,p-Xylenes o-Xylene 1,1,2,2-Tetrachloroethane 1,2-Dibromo-3-chloropropane Isopropylbenzene Bromobenzene 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene p-Isopropyltoluene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	J (all detects) UJ (all non-detects)	A
IPL1919	FPS-19D-10	Pentafluorobenzene 1,4-Difluorobenzene	216317 (360273-1441092) 450332 (574038-2296152)	1,1,1-Trichloroethane 1,2-Dichloroethane	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPL1919	FPS-19D-10	Pentafluorobenzene Chlorobenzene-d5 1,4-Dichlorobenzene-d4	290901 (329143-1316570) 261782 (397507-1590026) 56430 (204462-817848)	Chloromethane Bromomethane Vinyl chloride Chloroethane Methylene chloride Acetone 1,1-Dichloroethene 1,1-Dichloroethane Chloroform 2-Butanone Dibromochloromethane Bromoform 2-Hexanone Tetrachloroethene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethylbenzene Styrene Dichlorodifluoromethane Trichlorofluoromethane Methyl-tert-butyl ether 1,2-Dibromo-3-chloropropane 2,2-Dichloropropane Bromochloromethane 1,3-Dichloropropane 1,2-Dibromoethane 1,1,1,2-Tetrachloroethane Isopropylbenzene Bromobenzene 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene p-Isopropyltoluene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene trans-1,2-Dichloroethene cis-1,2-Dichloroethene m,p-Xylenes o-Xylene	J (all detects) UJ (all non-detects)	A
IPL2026	FPS-21D-40	Pentafluorobenzene 1,4-Difluorobenzene Chlorobenzene-d5	2302645 (504409-2017634) 3310267 (776004-3104014) 2948062 (720269-2881076)	Benzene Carbon tetrachloride Chloroform Chlorobenzene 1,1,1,2-Tetrachloroethane	J+ (all detects) J+ (all detects) J+ (all detects) J+ (all detects) J+ (all detects)	A

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

All tentatively identified compounds were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment of Data

Data flags have been summarized at the end of the report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Volatiles - Data Qualification Summary - SDGs IPK0629, IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Flag	A or P	Reason
IPK0629 IPK0823 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK1028 IPK2022 IPK2191 IPK2846 IPK3018	FBT-03D-10 FBT-03D-20 FBT-03D-30 FBT-03D-40 FBT-03D-50 FTF-21D-10 FTF-21D-20 FTF-21D-30 FTF-21D-40 FTF-21D-50 CPA-01D-05 CPA-01D-10 FTF-11D-45 FTF-11D-50 FPS-14D-45 FPS-9D-20 FPS-12D-20 FPS-12D-30 FPS-12D-50 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 CPA-01D-20 CPA-01D-30 CPA-01D-40 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-04D-05 CPA-04D-40 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-40 CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-12S-05 CPA-12S-10 CPA-08D-05 CPA-08D-10 CPA-08D-20 CPA-08D-30 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	2-Butanone	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPK3159 IPL0001 IPL0102 IPL0289 IPL1330 IPL1718 IPL2026 IPL2028 IPL1538 IPL2029 IPL2030 IPL1919	FTF-14S-10 FTF-16S-05 FTF-16S-10 FTF-17S-10 FTF-09D-10 FTF-09D-20 FTF-09D-30 FTF-09D-40 FTF-09D-45 FTF-09D-50 FTF-10D-10 FTF-10D-20 FTF-10D-30 FTF-10D-40 FTF-10D-45 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-08D-20 FTF-08D-30 FTF-08D-40 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30 FPS-02D-0.5 FPS-02D-5 FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-21D-40 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-30 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-19D-10 FPS-19D-50 FPS-19D-45	2-Butanone	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPK1663 IPK1861 IPK1865 IPL0840 IPK2022 IPK3159 IPL0001 IPL0102 IPL0289 IPL1330	CPA-02D-05 CPA-02D-10 CPA-02D-20 CPA-02D-30 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-20 CPA-03D-30 CPA-03D-40 FTF-11D-30 FPS-14D-0.5 CPA-04D-10 CPA-04D-20 FTF-14S-10 FTF-16S-05 FTF-13D-10 FTF-13D-20 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-13D-40 FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-08D-10 FTF-08D-50 FPS-22D-5 FPS-22D-10 FPS-22D-20	Acetone	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
IPK1861 IPK1865 IPK2022	CPA-02D-40 CPA-02D-50 CPA-03D-50 CPA-04D-30 CPA-05D-30 CPA-05D-50	Acetone 2-Butanone 2,2-Dichloropropane 2-Hexanone	UJ (all non-detects)	A	Continuing calibration (%D)
IPL0289 IPL1186 IPL1330	FTF-08D-20 FTF-08D-30 FTF-08D-40 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FPS-22D-10	Carbon tetrachloride	J+ (all detects)	A	Continuing calibration (%D)
IPK1028	CPA-09S-0.50 CPA-09S-05 CPA-09S-10	Acetone	J+ (all detects)	A	Continuing calibration (%D)

SDG	Sample	Compound	Flag	A or P	Reason
IPK2191 IPK2022	CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-04D-05 CPA-04D-40 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-40	Methylene chloride	UJ (all non-detects)	A	Continuing calibration (%D)
IPL1332 IPL1718 IPL1533	FPS-9D-45 FPS-9D-50 FPS-02D-10 FPS-02D-20 FPS-02D-30 FPS-02D-40 FPS-02D-45 FPS-08D-20	2-Butanone	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
IPL1332 IPL1719 IPL1920 IPL1533 IPL1919	FPS-9D-40 FPS-20D-5 FPS-20D-10 FPS-20D-20 FPS-20D-30 FPS-20D-40 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-08D-5 FPS-08D-30 FPS-08D-45 FPS-19D-20 FPS-19D-30 FPS-19D-40	Acetone 2-Butanone	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
IPL2026	FPS-21D-45	Chloromethane 2-Butanone	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D)
IPL1919	FPS-19D-10	2-Butanone	J+ (all detects)	A	Continuing calibration (%D)
IPL2026 IPL1919	FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-19D-50 FPS-19D-45	1,2-Dichloroethane	UJ (all non-detects)	A	Continuing calibration (%D)
IPL2028 IPL2029 IPL2030	FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5	Chloroethane	UJ (all non-detects)	A	Continuing calibration (%D)

SDG	Sample	Compound	Flag	A or P	Reason
IPL2030	FPS-01S-10	Chloromethane	UJ (all non-detects)	A	Continuing calibration (%D)
IPL2030	FPS-01S-5	Dichlorodifluoromethane Trichlorofluoromethane 1,1,1-Trichloroethane 1,2-Dichloroethane	UJ (all non-detects)	A	Continuing calibration (%D)
IPK0629 IPK1663 IPK0823 IPK1861 IPK1865 IPL0840 IPL1185 IPK1028 IPK2191 IPK2846 IPK3018	FBT-03D-10 FBT-03D-20 FBT-03D-30 FBT-03D-40 FBT-03D-50 CPA-02D-05 CPA-02D-10 CPA-02D-20 CPA-02D-30 FTF-21D-10 FTF-21D-20 FTF-21D-30 FTF-21D-40 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-20 CPA-02D-40 CPA-02D-50 CPA-03D-30 CPA-03D-40 CPA-03D-50 FTF-11D-30 FPS-14D-0.5 FPS-11S-10 CPA-01D-40 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-01D-20 CPA-01D-30 CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-12S-05 CPA-12S-10 CPA-08D-05 CPA-08D-10 CPA-08D-20 CPA-08D-30 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	2-Butanone	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPK2022 IPL0102 IPL0289 IPL1718 IPL2026 IPL2028 IPL1538 IPL2029 IPL1533 IPL2030 IPL1331 IPL1332	CPA-04D-05 CPA-04D-40 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-40 CPA-04D-10 CPA-04D-20 CPA-04D-30 CPA-05D-30 CPA-05D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-08D-20 FTF-08D-30 FTF-08D-40 FTF-08D-50 FPS-02D-0.5 FPS-02D-5 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-30 CPA-11S-0.5 FPS-08D-5 FPS-08D-30 FPS-08D-45 FPS-01S-0.5 FPS-01S-5 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-40	2-Butanone	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
IPL1185	FPS-11S-0.5	All TCL compounds except 1,2,4-Trichlorobenzene	J- (all detects) UJ (all non-detects)	A	Surrogate spikes (%R)
IPL1919	FPS-19D-10	1,2-Dichloroethane 1,1,1-Trichloroethane	UJ (all non-detects) UJ (all non-detects)	A	Surrogate spikes (%R)
IPK0629	FBT-03D-50	Naphthalene 1,2,3-Trichlorobenzene	J+ (all detects) J+ (all detects)	P	Laboratory control samples (%R)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1183 IPL1184 IPK2191 IPK2846 IPK3018 IPK2022 IPK3159 IPL0001 IPL0102 IPL0289 IPL1330	FPS-9D-20 FPS-9D-30 FPS-12D-5 FPS-12D-10 FPS-12D-20 FPS-12D-30 FPS-12D-40 FPS-12D-45 FPS-12D-50 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-07D-20 CPA-07D-30 CPA-07D-40 CPA-07D-50 FTF-12D-47 CPA-04D-40 CPA-04D-50 CPA-05D-40 FTF-16S-10 FTF-09D-10 FTF-09D-20 FTF-17S-10 FTF-09D-30 FTF-09D-40 FTF-09D-45 FTF-09D-50 FTF-10D-10 FTF-10D-20 FTF-10D-30 FTF-10D-40 FTF-10D-45 FTF-10D-50 FTF-13D-30 FTF-13D-50 FTF-07D-10 FTF-07D-20 FTF-07D-30 FTF-07D-40 FTF-07D-45 FTF-07D-50 FTF-08D-50 FPS-22D-40	Vinyl chloride	UJ (all non-detects)	P	Laboratory control samples (%R)
IPL1185 IPL1330	FPS-11S-5 FPS-11S-10 FPS-22D-40	Dichlorodifluoromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	P	Laboratory control samples (%R)
IPL0289	FTF-08D-50	Methylene chloride	UJ (all non-detects)	P	Laboratory control samples (RPD)
IPL1330	FPS-22D-40	Chloromethane Dichlorodifluoromethane Trichlorofluoromethane Bromomethane Carbon tetrachloride Bromodichloromethane 2-Chlorotoluene 1,2-Dichloroethane 1,1,1-Trichloroethane	UJ (all non-detects)	P	Laboratory control samples (%R)(RPD)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1332 IPL1718 IPL1538 IPL1533 IPL1919	FPS-9D-40 FPS-9D-45 FPS-9D-50 FPS-02D-20 FPS-02D-30 FPS-02D-40 FPS-02D-45 FPS-02D-50 FPS-18D-40 FPS-18D-50 FPS-08D-30 FPS-08D-40 FPS-08D-45 FPS-08D-50 FPS-19D-5	Acetone Bromodichloromethane Bromomethane Carbon tetrachloride Chloroethane Chloroform Chloromethane 2-Chlorotoluene 1,2-Dibromo-3-chloropropane Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1,1,2-Tetrachloroethane 1,1,1-Trichloroethane Trichlorofluoromethane Vinyl chloride Methyl-tert-butyl ether	J (all detects) UJ (all non-detects)	P	Laboratory control samples (RPD)
IPL1718	FPS-02D-0.5	2-Butanone	J+ (all detects)	P	Laboratory control samples (%R)
IPL1719 IPL1920 IPL1919	FPS-20D-5 FPS-20D-10 FPS-20D-20 FPS-20D-30 FPS-20D-40 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-20 FPS-19D-30	1,1-Dichloroethene	J- (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)
IPL2026	FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30	Vinyl chloride Bromochloromethane Bromodichloromethane Bromomethane tert-Butylbenzene Carbon tetrachloride Chloroethane Chloroform 2-Chlorotoluene Dibromochloromethane Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane Naphthalene 1,1,1-Trichloroethane Trichlorofluoromethane 1,2,4-Trimethylbenzene	J (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)(RPD)
IPL2026 IPL2030	FPS-21D-40 FPS-21D-45 FPS-21D-50 FPS-01S-10	Vinyl chloride	UJ (all non-detects)	P	Laboratory control samples (%R)(RPD)
IPL1533	FPS-08D-20	Chloromethane Vinyl chloride	UJ (all non-detects) UJ (all non-detects)	P	Laboratory control samples (%R)
IPL1533	FPS-08D-20	Dichlorodifluoromethane	R (all non-detects)	P	Laboratory control samples (%R)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1919	FPS-19D-10	2-Hexanone	J+ (all detects)	P	Laboratory control samples (%R)
IPL1185	FPS-11S-0.5	Dibromochloromethane Bromoform 2-Hexanone Tetrachloroethene Chlorobenzene Ethylbenzene Styrene 1,3-Dichloropropane 1,2-Dibromoethane 1,1,1,2-Tetrachloroethane m,p-Xylenes o-Xylene 1,1,2,2-Tetrachloroethane 1,2-Dibromo-3-chloropropane Isopropylbenzene Bromobenzene 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene p-Isopropyltoluene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	J (all detects) UJ (all non-detects)	A	Internal standards (area)
IPL2026	FPS-21D-40	Benzene Carbon tetrachloride Chloroform Chlorobenzene 1,1,1,2-Tetrachloroethane	J+ (all detects) J+ (all detects) J+ (all detects) J+ (all detects) J+ (all detects)	A	Internal standards (area)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1919	FPS-19D-10	1,1,1-Trichloroethane 1,2-Dichloroethane Chloromethane Bromomethane Vinyl chloride Chloroethane Methylene chloride Acetone 1,1-Dichloroethene 1,1-Dichloroethane Chloroform 2-Butanone Dibromochloromethane Bromoform 2-Hexanone Tetrachloroethene 1,1,2,2-Tetrachloroethane Chlorobenzene Ethylbenzene Styrene Dichlorodifluoromethane Trichlorofluoromethane Methyl-tert-butyl ether 1,2-Dibromo-3-chloropropane 2,2-Dichloropropane Bromochloromethane 1,3-Dichloropropane 1,2-Dibromoethane 1,1,1,2-Tetrachloroethane Isopropylbenzene Bromobenzene 1,2,3-Trichloropropane n-Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene 1,3-Dichlorobenzene p-Isopropyltoluene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene trans-1,2-Dichloroethene cis-1,2-Dichloroethene m,p-Xylenes o-Xylene	J (all detects) UJ (all non-detects)	A	Internal standards (area)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Volatiles - Laboratory Blank Data Qualification Summary - SDGs IPK0629, IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK2022	CPA-05D-0.5	Toluene	1.7U ug/Kg	A
IPK2022	CPA-05D-10	Toluene	2.0U ug/Kg	A
IPK2022	CPA-05D-20	Toluene	1.9U ug/Kg	A
IPK3159	FTF-14S-10	Acetone	18U ug/Kg	A
IPK3159	FTF-16S-05	Acetone	21U ug/Kg	A
IPL0001	FTF-13D-10	Acetone	16U ug/Kg	A
IPL0001	FTF-13D-20	Acetone	21U ug/Kg	A
IPL0102	FTF-18S-0.5	Acetone	52U ug/Kg	A
IPL0102	FTF-18S-05	Acetone	40U ug/Kg	A
IPL0102	FTF-18S-10	Acetone	69U ug/Kg	A
IPL0102	FTF-20S-0.5	Acetone	70U ug/Kg	A
IPL0102	FTF-20S-05	Acetone	62U ug/Kg	A
IPL0102	FTF-20S-10	Acetone	36U ug/Kg	A
IPL0102	FTF-19S-0.5	Acetone	25U ug/Kg	A
IPL0102	FTF-19S-05	Acetone	55U ug/Kg	A
IPL0102	FTF-19S-10	Acetone	39U ug/Kg	A
IPL0289	FTF-08D-10	Acetone	13U ug/Kg	A
IPL1719	FPS-20D-5	n-Butylbenzene Naphthalene	4.2U ug/Kg 4.2U ug/Kg	A
IPL1920	FPS-06S-0.5	Naphthalene	4.4U ug/L	A
IPL1920	FPS-06S-10	Naphthalene	5.3U ug/L	A
IPL1919	FPS-19D-10	Benzene	1.9U ug/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Volatiles - Field Blank Data Qualification Summary - SDGs IPK0629, IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT A2

Volatiles Water Data Validation Report

Volatiles by EPA SW 846 Method 8260B

I. Technical Holding Times

All technical holding time requirements were met with the following exceptions:

SDG	Sample	Compound	Total Days From Sample Collection Until Analysis	Required Holding Time (in Days) From Sample Collection Until Analysis	Flag	A or P
IPK3019	FTF-12D-GW	Carbon tetrachloride Chloroform	15	14	J- (all detects) J- (all detects)	A

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

In the case where %RSD was greater than 15.0%, the laboratory used a calibration curve to evaluate the compound. All coefficients of determination (r^2) were greater than or equal to 0.990 .

For the purposes of technical evaluation, all compounds were evaluated against the 30.0% (%RSD) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria.

Average relative response factors (RRF) for all volatile target compounds and system performance check compounds (SPCCs) were within method and validation criteria the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL0290 IPL0841 IPL0003	12/7/06	2-Butanone	0.030 (≥0.05)	FTF-07D-GW FTF-11D-GW FTF-10D-GW	UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 25.0% (%D) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK3019	12/12/06	Acetone 2-Butanone	30.8 28.6	FTF-12D-GW	UJ (all non-detects) UJ (all non-detects)	A
IPK3019	12/12/06	2,2-Dichloropropane	38.8	FTF-12D-GW	N/A	-
IPK3019	12/12/06 (HEND025A)	Nonanal	25.5	FTF-12D-GW	J- (all detects)	A
IPL0003	12/14/06	2-Hexanone	27.6	FTF-10D-GW	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

All of the continuing calibration RRF values were within method and validation criteria with the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL0290	12/14/06	2-Butanone	0.031 (≥0.05)	FTF-07D-GW	UJ (all non-detects)	A
IPL0841 IPL0003	12/14/06	2-Butanone	0.032 (≥0.05)	FTF-11D-GW FTF-10D-GW	UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK3019	12/12/06	2-Butanone	0.040 (≥0.05)	FTF-12D-GW	UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
IPL0841 IPL0003	6L14016-BLK1	12/14/06	1,3,5-Trichlorobenzene	0.770 ug/L	FTF-11D-GW FTF-10D-GW

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in these SDGs, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL0290	6L14034-BS1 (FTF-07D-GW)	Bromomethane	144 (65-140)	-	-	N/A	-
IPL0841 IPL0003	6L14016-BS1 (FTF-11D-GW FTF-10D-GW)	Acetone Bromomethane	137 (25-135) 150 (65-140)	- -	- -	N/A	-
IPK3019	6L12039-BS1 (FTF-12D-GW)	Bromomethane	147 (65-140)	-	-	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment of Data

Data flags have been summarized at the end of the report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Volatiles - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

SDG	Sample	Compound	Flag	A or P	Reason
IPK3019	FTF-12D-GW	Carbon tetrachloride Chloroform	J- (all detects) J- (all detects)	A	Technical holding times
IPL0290 IPL0841 IPL0003	FTF-07D-GW FTF-11D-GW FTF-10D-GW	2-Butanone	UJ (all non-detects)	A	Initial calibration (RRF)
IPK3019	FTF-12D-GW	Acetone 2-Butanone Nonanal	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
IPL0290 IPL0841 IPK3019 IPL0003	FTF-07D-GW FTF-11D-GW FTF-12D-GW FTF-10D-GW	2-Butanone	UJ (all non-detects)	A	Continuing calibration (RRF)

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Volatiles - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in this SDG

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Volatiles - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in this SDG

ATTACHMENT B1

Semivolatiles Soil Data Validation Report

Semivolatiles by EPA SW 846 Method 8270C

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

In the case where %RSD was greater than 15.0%, the laboratory used a calibration curve to evaluate the compound. All coefficients of determination (r^2) were greater than or equal to 0.990 with the following exceptions:

SDG	Date	Compound	r^2	Associated Samples	Flag	A or P
IPK1663 IPK0823 IPK1028	10/20/06	n-Hydroxymethylphthalimide	0.986	CPA-02D-05 CPA-02D-10 CPA-02D-30 FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	UJ (all non-detects)	A
IPK2846	12/2/06	Indeno(1,2,3-cd)pyrene	0.987	CPA-07D-05 CPA-07D-10 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	UJ (all non-detects)	A

SDG	Date	Compound	r^2	Associated Samples	Flag	A or P
IPL1331 IPL1332 IPL1538 IPL1533	12/29/06	Acenaphthylene	0.989	PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-20 FPS-08D-40 FPS-08D-50	UJ (all non-detects)	A
IPL1186 IPL1920 IPL2026 IPL2028 IPL2029 IPL1533 IPL2030	1/4/07	4-Nitroaniline	0.989	FPS-16S-5 FPS-16S-10 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-21D-40 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-08D-30 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	UJ (all non-detects)	A

For the purposes of technical evaluation, all compounds were evaluated against the 30.0% (%RSD) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria.

Average relative response factors (RRF) for all semivolatile target compounds and system performance check compounds (SPCCs) were greater than or equal to 0.05 as required.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 25.0% (%D) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK1663 IPK0823 IPK1028	11/26/06	Bis(2-chloroisopropyl)ether 2-Nitroaniline Dibenz(a,h)anthracene Benzo(g,h,i)perylene	41.3 32.3 25.5 26.0	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	N/A	-
IPK0823	11/22/06	Bis(2-chloroisopropyl)ether Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	34.1 28.6 30.6 31.2	FTF-21D-10 FTF-21D-30	N/A	-
IPK1861	12/1/06	bis(4-Chlorophenyl)disulfide 4-Chlorophenyl sulfone	36.7 31.2	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10	N/A	-
IPK1865 IPK2022	12/2/06	n-Hydroxymethylphthalimide	28.3	CPA-03D-30 CPA-03D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30	UJ (all non-detects)	A
IPK2191 IPK2022	12/5/06	4-Chlorobenzenethiol n-Hydroxymethylphthalimide	44.1 89.9	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-05D-50	N/A	-
IPL0654 IPL0289	12/16/06	3,3'-Dichlorobenzidine Octachlorostyrene	28.3 33.2	FTF-11D-10 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50	N/A	-
IPL0840 IPL1183 IPL1184	12/19/06	Hexachlorocyclopentadiene 3-Nitroaniline 2,4-Dinitrophenol 4-Nitrophenol 4-Nitroaniline 3,3'-Dichlorobenzidine	33.9 52.3 28.7 30.2 37.4 47.9	FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-20 FPS-12D-30	UJ (all non-detects)	A
IPL0840 IPL1183	12/19/06	2,2'/4,4'-Dichlorobenzil	26.9	FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-9D-5 FPS-9D-10	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL0840 IPL1183 IPL1184	12/19/06	Octachlorostyrene	31.7	FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-20 FPS-12D-30	N/A	-
IPL0840 IPL1183 IPL1184 IPL1185 IPL1186	12/22/06	3-Nitroaniline	30.4	FTF-11D-30 FTF-11D-50 FPS-14D-50 FPS-9D-20 FPS-9D-30 FPS-12D-0.5 FPS-12D-10 FPS-12D-50 FPS-11S-0.5 FPS-16S-0.5	N/A	-
IPL1184 IPL0289 IPL1330	12/20/06	Octachlorostyrene	31.5	FPS-12D-5 FPS-12D-40 FTF-07D-30 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30	N/A	-
IPL1184 IPL0289 IPL1330	12/20/06	3,3'-Dichlorobenzidine	34.0	FPS-12D-5 FPS-12D-40 FTF-07D-30 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30	UJ (all non-detects)	A
IPL1185 IPL1330 IPL1331 IPL1718 IPL1538	12/28/06	Pyridine Bis(2-chloroisopropyl)ether 2-Nitroaniline 3-Nitroaniline 3,3'-Dichlorobenzidine Octachlorostyrene	29.2 42.2 28.4 31.5 33.4 27.7	FPS-11S-5 FPS-11S-10 FPS-22D-40 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 FPS-02D-30 FPS-18D-30	N/A	-
IPK2191 IPK2846 IPK3018 IPK3159	12/7/06	4-Chlorobenzenethiol n-Hydroxymethylphthalimide Octachlorostyrene	31.2 100.6 27.5	CPA-12S-10 CPA-07D-30 FTF-12D-10 FTF-12D-30 FTF-14S-0.5 FTF-14S-05 FTF-14S-10	N/A	-
IPK3018 IPK3159 IPL0001 IPL0102	12/12/06	Octachlorostyrene	31.4	FTF-12D-47 FTF-15S-10 FTF-09D-50 FTF-13D-10	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK3159	12/8/06	Benzoic acid	27.8	FTF-15S-05	J+ (all detects)	A
IPK3159	12/8/06	4-Chlorobenzenethiol	41.5	FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05	N/A	-
IPL0001 IPL0102	12/13/06	3-Nitroaniline Octachlorostyrene	26.2 40.8	FTF-13D-20 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10	N/A	-
IPL0001 IPL0102	12/13/06	2,4-Dinitrophenol 4-Nitrophenol	31.1 29.7	FTF-13D-20 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10	UJ (all non-detects) UJ (all non-detects)	A
IPL0289	12/15/06	Octachlorostyrene bis(4-Chlorophenyl) disulfide 4-Nitroaniline 3-Nitroaniline	30.6 28.5 28.56 27.7	FTF-07D-10	N/A	-
IPL1718 IPL1719 IPL1920	12/30/06	n-Hydroxymethylphthalimide bis(4-Chlorophenyl)disulfide	53.2 30.8	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-06S-0.5	N/A	-
IPL1919	12/30/07	n-Hydroxymethylphthalimide Bis(4-chlorophenyl)disulfide	52.5 30.5	FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds as applicable with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK1663 IPK0823 IPK1028	10/20/06	4-Chlorobenzenethiol n-Hydroxymethylphthalimide	42.0 172.3	CPA-02D-05 CPA-02D-10 CPA-02D-30 FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	N/A	-
IPK1861 IPK1865 IPK2191 IPK2846 IPK3018 IPK2022 IPK3159	11/30/06	4-Chlorobenzenethiol n-Hydroxymethylphthalimide	42.7 81.0	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-07D-30 FTF-12D-10 FTF-12D-30 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK3018 IPK3159 IPL0001 IPL1330 IPL0102 IPL0289 IPL1331 IPL1718 IPL1538 IPL1919	12/12/06 (LCS050)	3,3'-Dichlorobenzidine	27.8	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-20 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-20 FPS-12D-30 FPS-12D-40 FPS-12D-50 FTF-12D-47 FTF-15S-10 FTF-09D-50 FTF-13D-10 FTF-13D-20 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30 FPS-22D-40 FPS-22D-50 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 FPS-02D-30 FPS-18D-30 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	UJ (all non-detects)	A

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

All of the continuing calibration RRF values were greater than or equal to 0.05 .

V. Blanks

Method blanks were reviewed for each matrix as applicable. No semivolatile contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
IPK1663 IPK1028	6K20065-BLK1	11/20/06	Di-n-butylphthalate	79.3 ug/Kg	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10
IPL0654 IPL0289	6L15050-BLK1	12/15/06	Bis(2-ethylhexyl)phthalate	1080 ug/Kg	FTF-11D-10 FTF-07D-10 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50
IPL0840 IPL1183 IPL1184	6L18046-BLK1	12/18/06	1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2,5-Dimethylheptane (4.60) 2-Methyloctane (5.15)	105 ug/Kg 179 ug/Kg 458 ug/Kg 1860 ug/Kg 1690 ug/Kg	FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-5 FPS-12D-20 FPS-12D-30 FPS-12D-40 FPS-12D-50
IPL1183 IPL1184	6L21077-BLK1	12/21/06	2,5-Dimethylheptane (4.65)	1880 ug/Kg	FPS-9D-20 FPS-9D-30 FPS-12D-0.5 FPS-12D-10
IPL1185 IPL1186 IPL0289	6L18108-BLK1	12/18/06	1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Methyloctane (5.16)	213 ug/Kg 555 ug/Kg 202 ug/Kg 411 ug/Kg 1710 ug/Kg	FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FTF-07D-30

SDG	Method Blank ID	Extraction Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
IPK3018 IPK3159 IPL0102	6L11109-BLK1	12/11/06	2,5-Dimethylheptane (4.67)	1860 ug/Kg	FTF-12D-47 FTF-15S-10 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10
IPL1330 IPL1331 IPL1332	6L19116-BLK1	12/19/06	2-Methyloctane (5.11) 2,5-Dimethylheptane (4.57) 3-Hexene-2.5-dione (6.96)	2010 ug/Kg 2120 ug/Kg 2940 ug/Kg	FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30 FPS-22D-40 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK1663	CPA-02D-30	Di-n-butylphthalate	100 ug/Kg	330U ug/Kg
IPL0840	FPS-14D-0.5	2,5-Dimethylheptane (4.61)	1700 ug/Kg	1700U ug/Kg
IPL0840	FPS-14D-05	1,2,4-Trichlorobenzene	300 ug/Kg	330U ug/Kg
IPL0840	FPS-14D-10	1,2,4-Trichlorobenzene	280 ug/Kg	330U ug/Kg
IPL1183	FPS-9D-0.5	1,2,4-Trichlorobenzene	54 ug/Kg	330U ug/Kg
IPL1184	FPS-12D-5	1,2-Dichlorobenzene	61 ug/Kg	330U ug/Kg
IPL1185	FPS-11S-0.5	1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	440 ug/Kg 960 ug/Kg 260 ug/Kg 350 ug/Kg	440U ug/Kg 960U ug/Kg 330U ug/Kg 350U ug/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL1185	FPS-11S-5 (100X)	1,2,4-Trichlorobenzene	260000 ug/Kg	260000J ug/Kg
IPL1185	FPS-11S-10 (10X)	1,2,4,5-Tetrachlorobenzene	10000 ug/Kg	10000J ug/Kg
IPL1186	FPS-16S-5	1,2,4-Trichlorobenzene	170 ug/Kg	330U ug/Kg
IPL1186	FPS-16S-10	1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	63 ug/Kg 340 ug/Kg 62 ug/Kg 130 ug/Kg	330U ug/Kg 340U ug/Kg 330U ug/Kg 330U ug/Kg
IPK1028	CPA-01D-30	Di-n-butylphthalate	71 ug/Kg	330U ug/Kg
IPK1028	CPA-01D-50	Di-n-butylphthalate	190 ug/Kg	330U ug/Kg
IPK1028	CPA-09S-05	Di-n-butylphthalate	100 ug/Kg	330U ug/Kg
IPL0102	FTF-18S-0.5	2,5-Dimethylheptane (4.74)	2000 ug/Kg	2000U ug/Kg
IPL0102	FTF-18S-05	2,5-Dimethylheptane (4.74)	2100 ug/Kg	2100U ug/Kg
IPL0102	FTF-18S-10	2,5-Dimethylheptane (4.75)	1800 ug/Kg	1800U ug/Kg
IPL0102	FTF-20S-05	2,5-Dimethylheptane (4.76)	1800 ug/Kg	1800U ug/Kg
IPL0102	FTF-20S-10	2,5-Dimethylheptane (4.77)	2000 ug/Kg	2000U ug/Kg
IPL0289	FTF-07D-30	1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	75 ug/Kg 330 ug/Kg 1300 ug/Kg	330U ug/Kg 330U ug/Kg 1300U ug/Kg
IPL1330	FPS-22D-20	2,5-Dimethylheptane (4.58)	1900 ug/Kg	1900U ug/Kg

1,2,4-Trichlorobenzene in sample FPS-11S-5 and 1,2,4,5-Tetrachlorobenzene in sample FPS-11S-10 (from SDG IPL1185) were flagged as estimated (J) since the results may reflect actual field contamination.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPK0823	FTF-21D-30	2,4,6-Tribromophenol 2-Fluorobiphenyl 2-Fluorophenol Nitrobenzene-d5 Phenol-d5 Terphenyl-d14	27 (32-125) 24 (35-120) 18 (25-120) 22 (30-120) 21 (35-120) 30 (40-135)	All TCL compounds	UJ (all non-detects)	A
IPK2191	CPA-06D-50	2,4,6-Tribromophenol 2-Fluorobiphenyl 2-Fluorophenol Nitrobenzene-d5 Phenol-d5 Terphenyl-d14	20 (35-125) 22 (35-120) 17 (25-120) 20 (30-120) 20 (35-120) 22 (40-135)	All TCL compounds	UJ (all non-detects)	P
IPL1920	FPS-06S-10	2,4,6-Tribromophenol 2-Fluorobiphenyl 2-Fluorophenol Nitrobenzene-d5 Phenol-d5 Terphenyl-d14	12 (35-125) 27 (35-120) 13 (25-120) 23 (30-120) 20 (35-120) 33 (40-135)	All TCL compounds	J- (all detects) UJ (all non-detects)	A

Surrogate recoveries (%R) were not within QC limits for several samples in SDGs IPL1185, IPL1186, IPK3159, and IPL1533. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK0823	FTF-21D-30MS/MSD (FTF-21D-30)	Benzo(k)fluoranthene Dibenz(a,h)anthracene	121 (50-120) 121 (25-120)	122 (50-120) -	- -	N/A	-
IPK0823	FTF-21D-30MS/MSD (FTF-21D-30)	Aniline	-	39 (40-110)	-	UJ (all non-detects)	A
IPK0823	FTF-21D-30MS/MSD (FTF-21D-30)	Benzoic acid Benzyl alcohol Pyridine	- - -	- 30 (40-120) -	38 (≤30) 51 (≤30) 33 (≤30)	UJ (all non-detects)	A
IPK1861	CPA-02D-50MS/MSD (CPA-02D-50)	2,4-Dinitrophenol 3,3'-Dichlorobenzidine Benzoic acid	- - -	- - 12 (15-120)	41 (≤25) 30 (≤25) 93 (≤30)	UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL0654	FTF-11D-10MS/MSD (FTF-11D-10)	Benzyl alcohol	-	7 (15-120)	70 (≤30)	UJ (all non-detects)	A
IPL1186	FPS-16S-0.5MS/MSD (FPS-16S-0.5)	Aniline	-	-	44 (≤30)	UJ (all non-detects)	A
IPK2191	CPA-12S-05MS/MSD (CPA-12S-05)	2,4-Dinitrophenol Benzoic acid Pyridine	- - -	- - -	31 (≤25 31 (≤30) 32 (≤30)	UJ (all non-detects)	A
IPK2191	CPA-12S-05MS/MSD (CPA-12S-05)	Benzyl alcohol	-	30 (40-120)	-	UJ (all non-detects)	A
IPK3159	FTF-17S-05MS/MSD (FTF-17S-05)	Aniline	36 (40-110)	-	-	UJ (all non-detects)	A
IPK3159	FTF-17S-05MS/MSD (FTF-17S-05)	Benzyl alcohol Pyridine 1,3-Dichlorobenzene Benzoic acid N-Nitrosodimethylamine	27 (40-120) 23 (25-130) - - -	- - - - -	41 (≤30) 38 (≤30) 31 (≤25) 31 (≤30) 30 (≤25)	UJ (all non-detects)	A
IPL0289	FTF-07D-10MS/MSD (FTF-07D-10)	Benzyl alcohol N-Nitrosodimethylamine	38 (40-120) -	- -	42 (≤30) 26 (≤25)	UJ (all non-detects) UJ (all non-detects)	A
IPL1538	FPS-18D-30MS/MSD (FPS-18D-30)	Pyridine	-	-	33 (≤30)	UJ (all non-detects)	A

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

Percent recoveries (%R) and relative percent differences (RPD) were not within QC limits for FTF-18S-05MS/MSD (from SDG IPL0102). Since the exceedances were due to the loss of the matrix spike extract and the associated LCS/LCSD %Rs and RPDs were within QC limits, no qualifications were made.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPK0823	6K20058-BS1 (FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10)	Benzo(g,h,i)perylene	128 (35-120)	-	-	N/A	-
IPL1185 IPL1186	6L18108-BS1 (FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10)	Dibenz(a,h)anthracene	121 (35-120)	-	-	N/A	-
IPK2191	6K28057-BS (CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10)	4-Nitroaniline 4-Nitrophenol Acenaphthylene Bis(2-ethylhexyl)phthalate Dibenz(a,h)anthracene Di-n-octylphthalate	121 (50-120) 126 (45-120) 127 (50-120) 134 (55-120) 136 (35-120) 143 (55-120)	- - - - - -	- - - - - -	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPK2846	CPA-07D-05	Perylene-d12	665604 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2846	CPA-07D-10	Perylene-d12	660870 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPK2846	CPA-07D-50	Perylene-d12	578953 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	A
IPK2846	CPA-08D-05	Perylene-d12	615915 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2846	CPA-08D-10	Perylene-d12	565474 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2846	CPA-08D-30	Perylene-d12	503747 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2846	CPA-08D-50	Perylene-d12	503362 (685391-2741564)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2022	CPA-05D-0.5	Perylene-d12	414533 (422090-1688358)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2022	CPA-05D-05	Perylene-d12	342411 (422090-1688358)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPK2022	CPA-05D-10	Perylene-d12	309624 (422090-1688358)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPK2022	CPA-05D-30	Perylene-d12	363449 (422090-1688358)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPL1919	FPS-19D-5	Perylene-d12	190849 (231626-926504)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P
IPL1919	FPS-19D-10	Chrysene-d12 Perylene-d12	435753 (456603-1826410) 127791 (231626-926504)	Pyrene Butylbenzylphthalate 3,3'-Dichlorobenzidine Benzo(a)anthracene Chrysene Bis(2-ethylhexyl)phthalate Di-n-octylphthalate Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene 2,2'/4,4'-Dichlorobenzil	UJ (all non-detects)	P

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

All tentatively identified compounds were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Semivolatiles - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Flag	A or P	Reason
IPK1663 IPK0823 IPK1028	CPA-02D-05 CPA-02D-10 CPA-02D-30 FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	n-Hydroxymethylphthalimide	UJ (all non-detects)	A	Initial calibration (r^2)
IPK2846	CPA-07D-05 CPA-07D-10 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	Indeno(1,2,3-cd)pyrene	UJ (all non-detects)	A	Initial calibration (r^2)
IPL1331 IPL1332 IPL1538 IPL1533	PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-20 FPS-08D-40 FPS-08D-50	Acenaphthylene	UJ (all non-detects)	A	Initial calibration (r^2)
IPL1186 IPL1920 IPL2026 IPL2028 IPL2029 IPL1533 IPL2030	FPS-16S-5 FPS-16S-10 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-21D-40 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-08D-30 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	4-Nitroaniline	UJ (all non-detects)	A	Initial calibration (r^2)

SDG	Sample	Compound	Flag	A or P	Reason
IPK1865 IPK2022	CPA-03D-30 CPA-03D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30	n-Hydroxymethylphthalimide	UJ (all non-detects)	A	Continuing calibration (%D)
IPL0840 IPL1183 IPL1184	FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-20 FPS-12D-30	Hexachlorocyclopentadiene 3-Nitroaniline 2,4-Dinitrophenol 4-Nitrophenol 4-Nitroaniline 3,3'-Dichlorobenzidine	UJ (all non-detects)	A	Continuing calibration (%D)
IPL1184 IPL0289 IPL1330	FPS-12D-5 FPS-12D-40 FTF-07D-30 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30	3,3'-Dichlorobenzidine	UJ (all non-detects)	A	Continuing calibration (%D)
IPK3159	FTF-15S-05	Benzoic acid	J+ (all detects)	A	Continuing calibration (%D)
IPL0001 IPL0102	FTF-13D-20 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10	2,4-Dinitrophenol 4-Nitrophenol	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%D)

SDG	Sample	Compound	Flag	A or P	Reason
IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK3018 IPK3159 IPL0001 IPL0102 IPL0289 IPL1330 IPL1331 IPL1538 IPL1718 IPL1919	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-20 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-20 FPS-12D-30 FPS-12D-40 FPS-12D-50 FPS-16S-0.5 FTF-12D-47 FTF-15S-10 FTF-09D-50 FTF-13D-10 FTF-13D-20 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50 FTF-07D-30 FPS-22D-5 FPS-22D-10 FPS-22D-20 FPS-22D-30 FPS-22D-40 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 FPS-18D-30 FPS-02D-30 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	3,3'-Dichlorobenzidine	UJ (all non-detects)	A	Continuing calibration (ICV %D)
IPK0823	FTF-21D-30	All TCL compounds	UJ (all non-detects)	A	Surrogate recovery (%R)
IPK2191	CPA-06D-50	All TCL compounds	UJ (all non-detects)	P	Surrogate recovery (%R)
IPL1920	FPS-06S-10	All TCL compounds	J- (all detects) UJ (all non-detects)	A	Surrogate recovery (%R)

SDG	Sample	Compound	Flag	A or P	Reason
IPK0823 IPK3159	FTF-21D-30 FTF-17S-05	Aniline	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK0823	FTF-21D-30	Benzoic acid Pyridine	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPK0823 IPL0654 IPL0289	FTF-21D-30 FTF-11D-10 FTF-07D-10	Benzyl alcohol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPK1861	CPA-02D-50	2,4-Dinitrophenol 3,3'-Dichlorobenzidine	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPK1861	CPA-02D-50	Benzoic acid	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPL1186	FPS-16S-0.5	Aniline	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPK2191	CPA-12S-05	2,4-Dinitrophenol Benzoic acid Pyridine	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPK2191	CPA-12S-05	Benzyl alcohol	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK3159	FTF-17S-05	Benzyl alcohol Pyridine	UJ (all non-detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPK3159	FTF-17S-05	1,3-Dichlorobenzene Benzoic acid N-Nitrosodimethylamine	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPL0289	FTF-07D-10	N-Nitrosodimethylamine	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1538	FPS-18D-30	Pyridine	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPK2846 IPK2022 IPL1919	CPA-07D-05 CPA-07D-10 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 FPS-19D-5	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P	Internal standards (area)

SDG	Sample	Compound	Flag	A or P	Reason
IPK2846	CPA-07D-50	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	A	Internal standards (area)
IPL1919	FPS-19D-10	Pyrene Butylbenzylphthalate 3,3'-Dichlorobenzidine Benzo(a)anthracene Chrysene Bis(2-ethylhexyl)phthalate Di-n-octylphthalate Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene 2,2'/4,4'-Dichlorobenzil	UJ (all non-detects)	P	Internal standards (area)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Semivolatiles - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK1663	CPA-02D-30	Di-n-butylphthalate	330U ug/Kg	A
IPL0840	FPS-14D-0.5	2,5-Dimethylheptane (4.61)	1700U ug/Kg	A
IPL0840	FPS-14D-05	1,2,4-Trichlorobenzene	330U ug/Kg	A
IPL0840	FPS-14D-10	1,2,4-Trichlorobenzene	330U ug/Kg	A
IPL1183	FPS-9D-0.5	1,2,4-Trichlorobenzene	330U ug/Kg	A
IPL1184	FPS-12D-5	1,2-Dichlorobenzene	330U ug/Kg	A
IPL1185	FPS-11S-0.5	1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	440U ug/Kg 960U ug/Kg 330U ug/Kg 350U ug/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL1185	FPS-11S-5 (100X)	1,2,4-Trichlorobenzene	260000J ug/Kg	A
IPL1185	FPS-11S-10 (10X)	1,2,4,5-Tetrachlorobenzene	10000J ug/Kg	A
IPL1186	FPS-16S-5	1,2,4-Trichlorobenzene	330U ug/Kg	A
IPL1186	FPS-16S-10	1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	330U ug/Kg 340U ug/Kg 330U ug/Kg 330U ug/Kg	A
IPK1028	CPA-01D-30	Di-n-butylphthalate	330U ug/Kg	A
IPK1028	CPA-01D-50	Di-n-butylphthalate	330U ug/Kg	A
IPK1028	CPA-09S-05	Di-n-butylphthalate	330U ug/Kg	A
IPL0102	FTF-18S-0.5	2,5-Dimethylheptane (4.74)	2000U ug/Kg	A
IPL0102	FTF-18S-05	2,5-Dimethylheptane (4.74)	2100U ug/Kg	A
IPL0102	FTF-18S-10	2,5-Dimethylheptane (4.75)	1800U ug/Kg	A
IPL0102	FTF-20S-05	2,5-Dimethylheptane (4.76)	1800U ug/Kg	A
IPL0102	FTF-20S-10	2,5-Dimethylheptane (4.77)	2000U ug/Kg	A
IPL0289	FTF-07D-30	1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene	330U ug/Kg 330U ug/Kg 1300U ug/Kg	A
IPL1330	FPS-22D-20	2,5-Dimethylheptane (4.58)	1900U ug/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Semivolatiles - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT B2

Semivolatiles Water Data Validation Report

Semivolatiles by EPA SW 846 Method 8270C

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

In the case where %RSD was greater than 15.0%, the laboratory used a calibration curve to evaluate the compound. All coefficients of determination (r^2) were greater than or equal to 0.990.

For the purposes of technical evaluation, all compounds were evaluated against the 30.0% (%RSD) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria.

Average relative response factors (RRF) for all semivolatile target compounds and system performance check compounds (SPCCs) were greater than or equal to 0.05 as required.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 25.0% (%D) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL0290 IPK3019	12/7/06	4-Chlorobenzenethiol n-Hydroxymethylphthalimide Octachlorostyrene	31.2 100.6 27.5	FTF-12D-GW	N/A	-
IPL0290	12/8/06	Benzoic acid	27.8	FTF-07D-GW	N/A	-
IPL0290	12/8/06	4-Chlorobenzenethiol	41.5	FTF-07D-GW	N/A	-
IPL0841 IPL0003	12/12/06	Octachlorostyrene	31.4	FTF-11D-GW FTF-10D-GW	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds as applicable with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL0290 IPK3019	11/30/06	4-Chlorobenzenethiol n-Hydroxymethylphthalimide	42.7 81.0	FTF-07D-GW FTF-12D-GW	N/A	-
IPL0841 IPL0003	12/12/06	3,3'-Dichlorobenzidine	27.8	FTF-11D-GW FTF-10D-GW	UJ (all non-detects)	A

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

All of the continuing calibration RRF values were greater than or equal to 0.05 .

V. Blanks

Method blanks were reviewed for each matrix as applicable. No semivolatile contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
IPL0841	6L08105-BLK1	12/8/06	Morpholine (4.00)	122 ug/L	FTF-11D-GW

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for sample FTF-07D-GW in SDG IPL0290. Since the sample was diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL0841	6L08105-BS1/BSD1 (FTF-11D-GW)	Pyridine	-	-	48 (≤30)	UJ (all non-detects)	P
IPK3019	6L03040-BS1/BSD1 (FTF-12D-GW)	Benzo(b)fluoranthene Benzo(k)fluoranthene Dibenz(a,h)anthracene	128 (55-120) 126 (50-120) 123 (35-120)	- - -	- - -	N/A	-
IPK3019 IPL0003	6L03040-BS1/BSD1 (FTF-12D-GW FTF-10D-GW)	2,4-Dinitrophenol 4-Nitroaniline Aniline Di-n-octylphthalate	- - - -	- - - -	27 (≤25) 23 (≤20) 40 (≤30) 22 (≤20)	UJ (all non-detects)	P
IPL0003	6L03040-BS1/BSD1 (FTF-10D-GW)	Benzo(b)fluoranthene Benzo(k)fluoranthene	128 (50-120) 126 (50-120)	- -	- -	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPL0290	FTF-07D-GW	Perylene-d12	359867 (417222-1668888)	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

All tentatively identified compounds were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Semivolatiles - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

SDG	Sample	Compound	Flag	A or P	Reason
IPL0841 IPL0003	FTF-11D-GW FTF-10D-GW	3,3'-Dichlorobenzidine	UJ (all non-detects)	A	Continuing calibration (ICV %D)
IPL0841	FTF-11D-GW	Pyridine	UJ (all non-detects)	P	Laboratory control samples (RPD)
IPK3019 IPL0003	FTF-12D-GW FTF-10D-GW	2,4-Dinitrophenol 4-Nitroaniline Aniline Di-n-octylphthalate	UJ (all non-detects)	P	Laboratory control samples (RPD)
IPL0290	FTF-07D-GW	Benzo(b)fluoranthene Benzo(k)fluoranthene Benzo(a)pyrene Indeno(1,2,3-cd)pyrene Dibenz(a,h)anthracene Benzo(g,h,i)perylene	UJ (all non-detects)	P	Internal standards (area)

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Semivolatiles - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Semivolatiles - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

ATTACHMENT C1

1,4-Dioxane Soil Data Validation Report

1,4-Dioxane by EPA SW 846 Method 8270C

I. Technical Holding Times

All technical holding time requirements were met with the following exceptions:

SDG	Sample	Compound	Total Days From Sample Collection Until Extraction	Required Holding Time (in Days) From Sample Collection Until Extraction	Flag	A or P
IPK1028	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	1,4-Dioxane	15	14	UJ (all non-detects)	P

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% .

Average relative response factors (RRF) for 1,4-Dioxane was greater than or equal to 0.05 as required.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 25.0% .

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds as applicable.

All of the continuing calibration RRF values were greater than or equal to 0.05 .

V. Blanks

Method blanks were reviewed for each matrix as applicable. No 1,4-Dioxane was found in the method blanks.

No field blanks were identified in these SDGs .

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPK2846	CPA-08D-05	1,4-Dioxane-d8	123 (35-120)	1,4-Dioxane	N/A	-
IPK3159	FTF-14S-0.5	1,4-Dioxane-d8	128 (35-120)	1,4-Dioxane	N/A	-
IPK3159	FTF-16S-10	1,4-Dioxane-d8	133 (35-120)	1,4-Dioxane	N/A	-
IPK3159	FTF-15S-05	1,4-Dioxane-d8	127 (35-120)	1,4-Dioxane	N/A	-
IPL2030	FPS-01S-0.5	1,4-Dioxane-d8	26 (35-120)	1,4-Dioxane	UJ (all non-detects)	P

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

Surrogate recoveries (%R) were not within QC limits for several samples in SDGs IPK0823, IPL1186, and IPL2026. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
IPK0823	6K20063-BS1	1,4-Dioxane	39 (40-120)	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10	UJ (all non-detects)	P

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPL1533	FPS-08D-40	Chlorobenzene-d5	74188 (74457-297826)	1,4-Dioxane	J (all detects)	P

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in all other SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
1,4-Dioxane - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Flag	A or P	Reason
IPK1028	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	1,4-Dioxane	UJ (all non-detects)	P	Technical holding times
IPL2030	FPS-01S-0.5	1,4-Dioxane	UJ (all non-detects)	P	Surrogate recovery (%R)
IPK0823	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10	1,4-Dioxane	UJ (all non-detects)	P	Laboratory control samples (%R)
IPL1533	FPS-08D-40	1,4-Dioxane	J (all detects)	P	Internal standards (area)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
1,4-Dioxane - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
1,4-Dioxane - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT C2

1,4-Dioxane Water Data Validation Report

1,4-Dioxane by EPA SW 846 Method 8270C

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for 1,4-Dioxane.

Average relative response factors (RRF) for 1,4-Dioxane was greater than or equal to 0.05 as required.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 25.0%.

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds as applicable.

All of the continuing calibration RRF values were greater than or equal to 0.05.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No 1,4-Dioxane was found in the method blanks.

No field blanks were identified in these SDGs .

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for samples in SDGs IPL0003, IPL0290 and IPL0841. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPL0290	FTF-07D-GW	Chlorobenzene-d5	28279 (61736-246942)	1,4-Dioxane	UJ (all non-detects)	A

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
1,4-Dioxane - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

SDG	Sample	Compound	Flag	A or P	Reason
IPL0290	FTF-07D-GW	1,4-Dioxane	UJ (all non-detects)	A	Internal standards (area)

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
1,4-Dioxane - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
1,4-Dioxane - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

ATTACHMENT D1

Chloroacetaldehydes Soil Data Validation Report

Dichloroacetaldehyde and Trichloroacetaldehyde by EPA SW 846 Method 8270C using Selected Ion Monitoring (SIM)

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for dichloroacetaldehyde or trichloroacetaldehyde.

Average relative response factors (RRF) for dichloroacetaldehyde or trichloroacetaldehyde were greater than or equal to 0.05 as required with the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK0823	11/8/06	Dichloroacetaldehyde	0.010 (≥0.05)	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10	UJ (all non-detects)	A
IPK1028	11/18/06	Dichloroacetaldehyde	0.010 (≥0.05)	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK1663 IPK1861 IPK1865 IPK2191 IPK2846 IPK3018 IPK2022 IPL3159	11/28/06	Dichloroacetaldehyde	0.019 (≥0.05)	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 FTF-12D-10 FTF-12D-30 FTF-12D-47 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10	UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK3159 IPL0001 IPL0102 IPL0289 IPL1330 IPL1331 IPL1332 IPL1718 IPL1719 IPL1920	12/14/06	Dichloroacetaldehyde	0.023 (≥0.05)	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50	J (all detects) UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL2026 IPL2028 IPL1538 IPL2029 IPL1533 IPL2030 IPL1919	12/14/06	Dichloroacetaldehyde	0.023 (≥0.05)	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	J (all detects) UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 25.0% with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK1028	11/20/06	Dichloroacetaldehyde Trichloroacetaldehyde	60.6 38.8	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	N/A	-
IPK0823	11/22/06	Dichloroacetaldehyde Trichloroacetaldehyde	60.1 38.8	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10	N/A	-
IPL1184	12/26/06	Dichloroacetaldehyde	26.1	FPS-12D-10	J+ (all detects)	A

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL1183 IPL1184 IPL1185 IPL1186 IPL1331 IPL2029	12/26/06	Dichloroacetaldehyde	26.1	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-0.5 FPS-12D-5 FPS-11S-0.5 FPS-11S-5 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 CPA-11S-0.5	N/A	-
IPL1533	12/28/06	Dichloroacetaldehyde	34.8	FPS-08D-50	J+ (all detects)	A
IPL1183 IPL1184 IPL1330 IPL1718 IPL1719 IPL1538 IPL1533 IPL2030	12/28/06	Dichloroacetaldehyde	34.8	FPS-9D-30 FPS-12D-30 FPS-12D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	N/A	-
IPL1719 IPL1920 IPL2026 IPL2028 IPL1919	12/29/06	Dichloroacetaldehyde	34.8	FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL1185 IPL2026 IPL1919	12/30/06	Dichloroacetaldehyde	43.5	FPS-11S-10 FPS-21D-10 FPS-21D-30 FPS-19D-50	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds as applicable.

All of the continuing calibration RRF values were greater than or equal to 0.05 with the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK1028	11/20/06	Dichloroacetaldehyde	0.016 (≥0.05)	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	UJ (all non-detects)	A
IPK0823	11/22/06	Dichloroacetaldehyde	0.016 (≥0.05)	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10	UJ (all non-detects)	A
IPK1861 IPK1865	11/28/06	Dichloroacetaldehyde	0.019 (≥0.05)	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50	UJ (all non-detects)	A
IPK2191 IPK2022	12/1/06	Dichloroacetaldehyde	0.022 (≥0.05)	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50	UJ (all non-detects)	A

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK2846 IPK3018 IPK3159	12/7/06	Dichloroacetaldehyde	0.015 (≥0.05)	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 FTF-12D-10 FTF-12D-30 FTF-12D-47 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10	UJ (all non-detects)	A
IPK3159 IPL0001 IPL0102	12/14/06	Dichloroacetaldehyde	0.026 (≥0.05)	FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05	UJ (all non-detects)	A
IPL0654 IPL0840 IPL0102 IPL0289 IPL1332	12/15/06	Dichloroacetaldehyde	0.027 (≥0.05)	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-50 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-08D-10 FTF-08D-30 FTF-08D-50	UJ (all non-detects)	A
IPL0840 IPL0289 IPL1332	12/16/06	Dichloroacetaldehyde	0.026 (≥0.05)	FPS-14D-30 FTF-07D-30 FPS-9D-50	J (all detects) UJ (all non-detects)	A
IPL0289	12/18/06	Dichloroacetaldehyde	0.028 (≥0.05)	FTF-07D-50	UJ (all non-detects)	

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL1183 IPL1184 IPL1185 IPL1186 IPL1331 IPL2029	12/26/06	Dichloroacetaldehyde	0.029 (≥0.05)	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-11S-0.5 FPS-11S-5 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 CPA-11S-0.5	J (all detects) UJ (all non-detects)	A
IPL1183 IPL1184 IPL1330 IPL1718 IPL1719 IPL1538 IPL1533	12/28/06	Dichloroacetaldehyde	0.031 (≥0.05)	FPS-9D-30 FPS-12D-30 FPS-12D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	J (all detects) UJ (all non-detects)	A
IPL1719 IPL1920 IPL2026 IPL2028 IPL2030 IPL1919	12/29/06	Dichloroacetaldehyde	0.031 (≥0.05)	FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30	UJ (all non-detects)	A
IPL1185 IPL2026 IPL1919	12/30/06	Dichloroacetaldehyde	0.033 (≥0.05)	FPS-11S-10 FPS-21D-10 FPS-21D-30 FPS-19D-50	J (all detects) UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No dichloroacetaldehyde or trichloroacetaldehyde were found in the method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPK0823	FTF-21D-30	1,4-Dioxane-d8	33 (35-120)	Dichloroacetaldehyde Trichloroacetaldehyde	UJ (all non-detects) UJ (all non-detects)	P
IPL2026	FPS-21D-50	1,4-Dioxane-d8	27 (35-120)	Dichloroacetaldehyde Trichloroacetaldehyde	UJ (all non-detects) UJ (all non-detects)	P
IPL2028	FPS-04S-10	1,4-Dioxane-d8	29 (35-120)	Dichloroacetaldehyde Trichloroacetaldehyde	UJ (all non-detects) UJ (all non-detects)	P

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for sample FPS-16S-0.5 in SDG IPL1186. Since the sample was diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL1919	FPS-19D-5MS/MSD (FPS-19D-5)	Dichloroacetaldehyde	13 (20-120)	0 (20-120)	200 (≤30)	R (all non-detects)	A
IPL1919	FPS-19D-5MS/MSD (FPS-19D-5)	Trichloroacetaldehyde	8 (20-120)	9 (20-120)	-	UJ (all non-detects)	A

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Dichloroacetaldehyde & Trichloroacetaldehyde - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Flag	A or P	Reason
IPL1184 IPL1332 IPL1533	FPS-12D-10 FPS-9D-50 FPS-08D-50	Dichloroacetaldehyde	J (all detects)	A	Initial calibration (RRF)
IPK0823 IPK1028 IPK1663 IPK1861 IPK1865 IPK2191 IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10	Dichloroacetaldehyde	UJ (all non-detects)	A	Initial calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPK2846 IPK3018 IPK2022 IPK3159 IPL0001 IPL0102 IPL0289 IPL1330 IPL1331	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 FTF-12D-10 FTF-12D-30 FTF-12D-47 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20	Dichloroacetaldehyde	UJ (all non-detects)	A	Initial calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1718 IPL1719 IPL1919 IPL1920 IPL2026 IPL2028 IPL1538 IPL2029 IPL1533 IPL2030	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Dichloroacetaldehyde	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)
IPL1184 IPL1533	FPS-12D-10 FPS-08D-50	Dichloroacetaldehyde	J+ (all detects)	A	Continuing calibration (%D)
IPL1184 IPL1332 IPL1533	FPS-12D-10 FPS-9D-50 FPS-08D-50	Dichloroacetaldehyde	J (all detects)	A	Continuing calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPK0823 IPK1028 IPK1861 IPK1865 IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK2022 IPK2191 IPK2846 IPK3018	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 FTF-12D-10 FTF-12D-30 FTF-12D-47	Dichloroacetaldehyde	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPK3159 IPL0001 IPL0102 IPL0289 IPL1330 IPL1331 IPL1533 IPL1538 IPL1718 IPL1719	FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-08D-10 FTF-08D-30 FTF-08D-50 FTF-07D-30 FTF-07D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 CPA-11S-0.5 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50	Dichloroacetaldehyde	UJ (all non-detects)	A	Continuing calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1919 IPL1920 IPL2026 IPL2028 IPL2029 IPL2030	FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Dichloroacetaldehyde	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
IPK0823 IPL2026 IPL2028	FTF-21D-30 FPS-21D-50 FPS-04S-10	Dichloroacetaldehyde Trichloroacetaldehyde	UJ (all non-detects) UJ (all non-detects)	P	Surrogate recovery (%R)
IPL1919	FPS-19D-5	Dichloroacetaldehyde	R (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1919	FPS-19D-5	Trichloroacetaldehyde	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Dichloroacetaldehyde & Trichloroacetaldehyde - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Dichloroacetaldehyde & Trichloroacetaldehyde - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT D2

Chloroacetaldehydes Water Data Validation Report

Dichloroacetaldehyde and Trichloroacetaldehyde by EPA SW 846 Method 8270C using Selected Ion Monitoring (SIM)

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for dichloroacetaldehyde or trichloroacetaldehyde.

Average relative response factors (RRF) for dichloroacetaldehyde or trichloroacetaldehyde were greater than or equal to 0.05 as required with the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPL0841	11/20/06	Dichloroacetaldehyde	0.019 (≥0.05)	FTF-11D-GW	UJ (all non-detects)	A
IPL0290 IPK3019 IPL0003	11/28/06	Dichloroacetaldehyde	0.019 (≥0.05)	FTF-07D-GW FTF-12D-GW FTF-10D-GW	UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

All of the continuing calibration percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were less than or equal to 25.0% with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK3019 IPL0003	12/6/06	Dichloroacetaldehyde	26.3	FTF-12D-GW FTF-10D-GW	UJ (all non-detects)	A

The percent differences (%D) of the second source calibration standard were less than or equal to 25.0% for all compounds as applicable.

All of the continuing calibration RRF values were greater than or equal to 0.05 with the following exceptions:

SDG	Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
IPK3019 IPL0003	12/6/06	Dichloroacetaldehyde	0.014 (≥0.05)	FTF-12D-GW FTF-10D-GW	UJ (all non-detects)	A
IPL0290 IPL0841	12/11/06	Dichloroacetaldehyde	0.022 (≥0.05)	FTF-07D-GW FTF-11D-GW	UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No dichloroacetaldehyde or trichloroacetaldehyde were found in the method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Dichloroacetaldehyde & Trichloroacetaldehyde - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

SDG	Sample	Compound	Flag	A or P	Reason
IPK3019 IPL0003 IPL0290 IPL0841	FTF-07D-GW FTF-11D-GW FTF-12D-GW FTF-10D-GW	Dichloroacetaldehyde	UJ (all non-detects)	A	Initial calibration (RRF)
IPK3019 IPL0003	FTF-12D-GW FTF-10D-GW	Dichloroacetaldehyde	UJ (all non-detects)	A	Continuing calibration (%D)
IPK3019 IPL0003 IPL0290 IPL0841	FTF-07D-GW FTF-11D-GW FTF-12D-GW FTF-10D-GW	Dichloroacetaldehyde	UJ (all non-detects)	A	Continuing calibration (RRF)

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Dichloroacetaldehyde & Trichloroacetaldehyde - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Dichloroacetaldehyde & Trichloroacetaldehyde - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

ATTACHMENT E1

Chlorinated Pesticides Soil Data Validation Report

Chlorinated Pesticides by EPA SW 846 Method 8081A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of single and multicomponent compounds was performed for the primary (quantitation) column and confirmation column as required by this method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for selected compounds.

A curve fit, based on the initial calibration, was established for quantitation for selected compounds. The coefficient of determination (r^2) was greater than or equal to 0.990 .

Retention time windows were evaluated and considered technically acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits with the following exceptions:

SDG	Date (Standard)	Column	Compound	%D	Associated Samples	Flag	A or P
IPK1861	12/1/06 (L01A005)	A	Methoxychlor	18.4	CPA-10S-0.50	N/A	-
IPL0654	12/12/06 (L11A030)	A	4,4'-DDT	18.2	FTF-11D-10	J+ (all detects)	A

SDG	Date (Standard)	Column	Compound	%D	Associated Samples	Flag	A or P
IPL0654 IPL0289	12/12/06 (L11A030)	A	gamma-BHC 4,4'-DDD	18.1 19.1	FTF-11D-10 FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50	N/A	-
IPL1183	12/20/06 (L19A031)	A	beta-BHC	15.8	FPS-9D-10	N/A	-
IPL1183 IPL1184	12/21/06 (L19A050)	A	beta-BHC Endrin aldehyde	22.0 19.4	FPS-9D-20 FPS-9D-30 FPS-12D-40 FPS-12D-50	N/A	-
IPL1183 IPL1184	12/21/06 (L19B050)	B	beta-BHC Endrin aldehyde	16.5 19.1	FPS-9D-20 FPS-9D-30 FPS-12D-40 FPS-12D-50	N/A	-
IPL1184	12/23/06 (L21A048)	A	beta-BHC Endrin aldehyde Endosulfan sulfate	20.8 22.8 18.3	FPS-12D-0.5	J+ (all detects) J+ (all detects) N/A	A
IPL1533 IPL1718	12/28/06 (L27A031)	A	Endrin aldehyde	16.46	FPS-08D-10 FPS-08D-20 FPS-02D-0.5	J+ (all detects)	A
IPL1533 IPL1538	12/28/06 (L27A031)	A	Methoxychlor	19.19	FPS-08D-30 FPS-08D-40 FPS-18D-50	J+ (all detects)	A
IPL1533	12/28/06 (L27A031)	A	Heptachlor Endosulfan sulfate Endrin ketone	34.08 18.28 16.88	FPS-08D-10 FPS-08D-20 FPS-08D-30	J+ (all detects) J+ (all detects) J+ (all detects)	A
IPL1533	12/23/06 (L21B066)	B	Heptachlor	23.8149	FPS-08D-50	J+ (all detects)	A
IPL1533	12/23/06 (L21B066)	B	Endosulfan sulfate	25.5293	FPS-08D-5 FPS-08D-50	UJ (all non-detects)	A
IPL1186	12/20/06 (L19A031)	A	beta-BHC	15.84	FPS-16S-0.5	N/A	-
IPL1186	12/20/06 (L19A050) (L19B050)	A B	beta-BHC beta-BHC	22.00 16.55	FPS-16S-5 FPS-16S-10	N/A	-
IPL1186	12/20/06 (L19A050) (L19B050)	A B	Endrin aldehyde Endrin aldehyde	19.36 19.07	FPS-16S-5 FPS-16S-10	J+ (all detects)	A

SDG	Date (Standard)	Column	Compound	%D	Associated Samples	Flag	A or P
IPK2191 IPK2846	12/1/06 (L01B012)	B	4,4'-DDT Methoxychlor	16.40 15.25	CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-20 CPA-07D-30 CPA-07D-40 CPA-07D-50 CPA-08D-10 CPA-08D-20 CPA-08D-30	N/A	-
IPK2191 IPK3018	12/1/06 (L01A012)	A	gamma-BHC 2,4'-DDT 4,4'-DDD 4,4'-DDT Methoxychlor	16.25 16.48 21.40 22.45 23.55	CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-20 CPA-07D-30 CPA-07D-40 CPA-07D-50 CPA-08D-10 CPA-08D-20 CPA-08D-30	N/A	-
IPK2846 IPK3018	12/2/06 (L01A028)	A	gamma-BHC Heptachlor Aldrin gamma-Chlordane alpha-Chlordane 4,4'-DDE Endosulfan I 2,4'-DDD 2,4'-DDT Endrin 4,4'-DDD 4,4'-DDT Methoxychlor	21.77 15.73 17.38 15.67 15.40 16.12 16.12 17.18 21.75 17.23 25.19 27.70 30.12	CPA-08D-05 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-30	N/A	-
IPK2846 IPK3018	12/2/06 (L01B028)	B	alpha-BHC 4,4'-DDD 4,4'-DDT Methoxychlor	16.10 15.22 19.50 19.16	CPA-08D-05 CPA-08D-40 CPA-08D-50 FTF-12D-10 FTF-12D-30	N/A	-
IPL1331 IPL1538	12/23/06 (L21B066)	B	Endosulfan sulfate	25.53	PSS-04S-10 PSS-04S-20 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-40	UJ (all non-detects)	A
IPL1718 IPL1719	12/30/06 (L29A016)	A	beta-BHC	21.22	FPS-02D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50	J+ (all detects)	A
IPL1919	12/30/06 (L29A016)	A	Endrin aldehyde	17.21	FPS-19D-50	J+ (all detects)	A
IPL1919	12/30/06 (L29B016)	B	Endrin aldehyde	16.08	FPS-19D-50	J+ (all detects)	A

SDG	Date (Standard)	Column	Compound	%D	Associated Samples	Flag	A or P
IPL1718 IPL1719 IPL1920 IPL2026	12/30/06 (L29B016)	B	Endrin aldehyde	16.08	FPS-02D-5 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50	N/A	-
IPL1718 IPL2028 IPL1919	1/3/07 (A03B005)	B	4,4'-DDT	15.38	FPS-02D-40 FPS-19D-20 FPS-19D-40	UJ (all non-detects)	A
IPL1919	12/31/06 (L29A049)	A	beta-BHC	22.19	FPS-19D-5	J+ (all detects)	A
IPL1920	12/31/06 (L29A049)	A	Endrin aldehyde Endosulfan sulfate	19.92 19.98	FPS-06S-0.5	N/A	-
IPL1920 IPL1919	12/31/06 (L29B049)	B	Endrin aldehyde Endosulfan sulfate	18.47 19.34	FPS-06S-0.5 FPS-19D-5	N/A	-
IPL1538	12/23/06 (L12B066	B	Heptachlor	23.81	FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-40	N/A	-
IPL2030	1/4/07 (A03A038)	A	beta-BHC Endrin aldehyde Endosulfan sulfate	17.49 17.73 16.81	FPS-01S-0.5	N/A	-
IPL2030	1/4/07 (A03B038)	B	Endrin aldehyde Endosulfan sulfate	16.41 17.47	FPS-01S-0.5	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds as applicable.

The individual 4,4'-DDT and Endrin breakdowns were less than 15.0% .

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPK1865 IPK2191 IPK2022	6K25039-BLK1	11/25/06	Endrin aldehyde	2.58 ug/Kg	CPA-03D-40 CPA-06D-05 CPA-06D-10 CPA-06D-20 CPA-06D-30 CPA-06D-40 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-04D-20 CPA-04D-40 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-20 CPA-05D-30 CPA-05D-40 CPA-05D-50
IPK3018 IPK3159 IPL0001	6L03031-BLK1	12/3/06	Endrin aldehyde	2.36 ug/Kg	FTF-12D-47 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
IPK2191	CPA-06D-05	Endrin aldehyde	2.6 ug/Kg	5.0U ug/Kg
IPK2191	CPA-06D-10	Endrin aldehyde	1.9 ug/Kg	5.0U ug/Kg

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
IPK2191	CPA-06D-30	Endrin aldehyde	1.8 ug/Kg	5.0U ug/Kg
IPK2191	CPA-06D-40 (1.98x)	Endrin aldehyde	3.2 ug/Kg	9.9U ug/Kg
IPK2191	CPA-06D-50 (1.97x)	Endrin aldehyde	3.1 ug/Kg	9.8U ug/Kg
IPK2191	CPA-12S-0.50	Endrin aldehyde	3.8 ug/Kg	5.0U ug/Kg
IPK2191	CPA-12S-05	Endrin aldehyde	2.0 ug/Kg	5.0U ug/Kg
IPK3018	FTF-12D-47	Endrin aldehyde	2.2 ug/Kg	5.0U ug/Kg
IPK2022	CPA-04D-20	Endrin aldehyde	1.6 ug/Kg	5.0U ug/Kg
IPK2022	CPA-05D-05	Endrin aldehyde	3.8 ug/Kg	5.0U ug/Kg
IPK2022	CPA-05D-10	Endrin aldehyde	2.8 ug/Kg	5.0U ug/Kg
IPK2022	CPA-05D-20	Endrin aldehyde	1.9 ug/Kg	5.0U ug/Kg
IPK2022	CPA-05D-30	Endrin aldehyde	1.9 ug/Kg	5.0U ug/Kg
IPK2022	CPA-05D-40	Endrin aldehyde	2.1 ug/Kg	5.0U ug/Kg
IPK2022	CPA-05D-50	Endrin aldehyde	3.1 ug/Kg	9.9U ug/Kg
IPK3159	FTF-14S-05	Endrin aldehyde	1.7 ug/Kg	5.0U ug/Kg
IPK3159	FTF-16S-10	Endrin aldehyde	2.0 ug/Kg	5.0U ug/Kg
IPK3159	FTF-15S-10	Endrin aldehyde	2.5 ug/Kg	5.0U ug/Kg
IPK3159	FTF-17S-05	Endrin aldehyde	2.4 ug/Kg	5.0U ug/Kg
IPK3159	FTF-17S-10	Endrin aldehyde	2.3 ug/Kg	5.0U ug/Kg
IPK3159	FTF-09D-10 (99.5x)	Endrin aldehyde	170 ug/Kg	500U ug/Kg
IPK3159	FTF-09D-50	Endrin aldehyde	2.1 ug/Kg	5.0U ug/Kg
IPL0001	FTF-10D-10	Endrin aldehyde	2.0 ug/Kg	5.0U ug/Kg

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPL1183	FPS-9D-5	Tetrachloro-m-xylene	277 (35-115)	All TCL compounds	J+ (all detects)	P
IPL1183	FPS-9D-10	Tetrachloro-m-xylene	1742 (35-115)	All TCL compounds	J+ (all detects)	P
IPL1186	FPS-16S-10	Decachlorobiphenyl	39 (45-120)	All TCL compounds	J- (all detects) UJ (all non-detects)	P
IPL1718	FPS-02D-10	Decachlorobiphenyl	43 (45-120)	All TCL compounds	J- (all detects) UJ (all non-detects)	A
IPL1919	FPS-19D-10	Decachlorobiphenyl	43 (45-120)	All TCL compounds	J- (all detects) UJ (all non-detects)	P

Surrogate recoveries (%R) were not within QC limits for several samples in SDGs IPL0840, IPL1184, IPL1185, IPK3159, IPL0102, IPL1718, IPL1920, IPL2026, IPL2028, IPL1538, IPL1533, and IPL2030. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL0840	FPS-14D-05MS/MSD (FPS-14D-05)	beta-BHC	126 (45-115)	122 (45-115)	-	N/A	-
IPL0840	FPS-14D-50MS/MSD (FPS-14D-50)	Dieldrin	147 (50-115)	119 (50-115)	-	N/A	-

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL1533	FPS-08D-20MS/MSD (FPS-08D-20)	beta-BHC	121 (45-115)	-	-	J+ (all detects)	A
		4,4'-DDD	123 (45-120)	-	-	J+ (all detects)	
		4,4'-DDE	132 (45-120)	-	-	J+ (all detects)	
		4,4'-DDT	127 (45-120)	-	-	J+ (all detects)	
		Methoxychlor	165 (35-130)	146 (35-130)	-	N/A	

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
IPK1028	6K18071-BS1	Endosulfan II	56 (60-120)	CPA-01D-20 CPA-01D-30 CPA-01D-40 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	UJ (all non-detects)	P
IPL1718 IPL1719 IPL1920 IPL2026 IPL1919	6L27137-BS1	4,4'-DDD	117 (65-115)	FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-21D-30 FPS-21D-40 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	J+ (all detects)	P

SDG	LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
IPL1718 IPL1719 IPL2026 IPL2028 IPL2030 IPL1919	6L28129-BS1	2,4'-DDE	116 (65-115)	FPS-02D-20 FPS-02D-40 FPS-20D-20 FPS-20D-40 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-20 FPS-19D-40	J+ (all detects)	P
IPL1718 IPL1719 IPL2026 IPL2028 IPL2030 IPL1919	6L28129-BS1	Endosulfan II	59 (60-120)	FPS-02D-20 FPS-02D-40 FPS-20D-20 FPS-20D-40 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-20 FPS-19D-40	J- (all detects) UJ (all non-detects)	P

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed.

The sample results for detected compounds from the two columns were within 40.0% relative percent differences (RPD) with the following exceptions:

SDG	Sample	Compound	RPD	Flag	A or P
IPL1718	FPS-02D-30	gamma-BHC	44	J (all detects)	A
IPL1718	FPS-02D-40	beta-BHC delta-BHC	63 148	J (all detects) J (all detects)	A
IPL1719	FPS-20D-30	alpha-BHC 4,4'-DDE	67 47	J (all detects) J (all detects)	A
IPL1719	FPS-20D-50	2,4'-DDE	63	J (all detects)	A
IPL1719	FPS-20D-20	Endosulfan II	116	J (all detects)	A
IPL2026	FPS-21D-20	2,4'-DDD Endrin aldehyde	185 78	J (all detects) J (all detects)	A
IPL2026	FPS-21D-30	gamma-BHC 2,4'-DDD Endosulfan sulfate Dieldrin Endrin aldehyde	44 180 60 188 175	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A

Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Chlorinated Pesticides - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Flag	A or P	Reason
IPL0654	FTF-11D-10	4,4'-DDT	J+ (all detects)	A	Continuing calibration (%D)
IPL1184	FPS-12D-0.5	beta-BHC Endrin aldehyde	J+ (all detects) J+ (all detects)	A	Continuing calibration (%D)
IPL1186 IPL1533 IPL1718 IPL1919	FPS-16S-10 FPS-08D-10 FPS-08D-20 FPS-02D-0.5 FPS-19D-50	Endrin aldehyde	J+ (all detects)	A	Continuing calibration (%D)
IPL1533 IPL1718	FPS-08D-30 FPS-08D-40 FPS-18D-50	Methoxychlor	J+ (all detects)	A	Continuing calibration (%D)
IPL1533	FPS-08D-10	Endosulfan sulfate	J+ (all detects)	A	Continuing calibration (%D)
IPL1533	FPS-08D-10 FPS-08D-20 FPS-08D-30	Endrin ketone	J+ (all detects) J+ (all detects) J+ (all detects)	A	Continuing calibration (%D)
IPL1533	FPS-08D-20 FPS-08D-50	Heptachlor	J+ (all detects)	A	Continuing calibration (%D)
IPL1533 IPL1331 IPL1538	FPS-08D-5 FPS-08D-50 PSS-04S-10 PSS-04S-20 FPS-18D-5 FPS-18D-10 FPS-18D-20 FPS-18D-40	Endosulfan sulfate	UJ (all non-detects)	A	Continuing calibration (%D)
IPL1718 IPL1719 IPL1919	FPS-02D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-19D-5	beta-BHC	J+ (all detects)	A	Continuing calibration (%D)
IPL1718 IPL2028 IPL1919	FPS-02D-40 FPS-19D-20 FPS-19D-40	4,4'-DDT	UJ (all non-detects)	A	Continuing calibration (%D)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1183	FPS-9D-5 FPS-9D-10	All TCL compounds	J+ (all detects)	P	Surrogate recovery (%R)
IPL1186 IPL1919	FPS-16S-10 FPS-19D-10	All TCL compounds	J- (all detects) UJ (all non-detects)	P	Surrogate recovery (%R)
IPL1718	FPS-02D-10	All TCL compounds	J- (all detects) UJ (all non-detects)	A	Surrogate recovery (%R)
IPL1533	FPS-08D-20	beta-BHC 4,4'-DDD 4,4'-DDE 4,4'-DDT	J+ (all detects) J+ (all detects) J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK1028 IPL1718 IPL1719 IPL2026 IPL2028 IPL2030 IPL1919	CPA-01D-20 CPA-01D-30 CPA-01D-40 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 FPS-02D-20 FPS-02D-40 FPS-20D-20 FPS-20D-40 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-20 FPS-19D-40	Endosulfan II	UJ (all non-detects)	P	Laboratory control samples (%R)
IPL1920 IPL2026	FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-20 FPS-19D-5	4,4'-DDD	J+ (all detects)	P	Laboratory control samples (%R)
IPL1719 IPL2026 IPL2028 IPL2030	FPS-20D-20 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	2,4'-DDE	J+ (all detects)	P	Laboratory control samples (%R)
IPL1718	FPS-02D-30	gamma-BHC	J (all detects)	A	Compound quantitation and CRQLs (RPD)
IPL1718	FPS-02D-40	beta-BHC delta-BHC	J (all detects) J (all detects)	A	Compound quantitation and CRQLs (RPD)

SDG	Sample	Compound	Flag	A or P	Reason
IPL1719	FPS-20D-30	alpha-BHC 4,4'-DDE	J (all detects) J (all detects)	A	Compound quantitation and CRQLs (RPD)
IPL1719	FPS-20D-50	2,4'-DDE	J (all detects)	A	Compound quantitation and CRQLs (RPD)
IPL1719	FPS-20D-20	Endosulfan II	J (all detects)	A	Compound quantitation and CRQLs (RPD)
IPL2026	FPS-21D-20	2,4'-DDD Endrin aldehyde	J (all detects) J (all detects)	A	Compound quantitation and CRQLs (RPD)
IPL2026	FPS-21D-30	gamma-BHC 2,4'-DDD Endosulfan sulfate Dieldrin Endrin aldehyde	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	A	Compound quantitation and CRQLs (RPD)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Modified Final Concentration	A or P
IPK2191	CPA-06D-05	Endrin aldehyde	5.0U ug/Kg	A
IPK2191	CPA-06D-10	Endrin aldehyde	5.0U ug/Kg	A
IPK2191	CPA-06D-30	Endrin aldehyde	5.0U ug/Kg	A
IPK2191	CPA-06D-40 (1.98x)	Endrin aldehyde	9.9U ug/Kg	A
IPK2191	CPA-06D-50 (1.97x)	Endrin aldehyde	9.8U ug/Kg	A
IPK2191	CPA-12S-0.50	Endrin aldehyde	5.0U ug/Kg	A
IPK2191	CPA-12S-05	Endrin aldehyde	5.0U ug/Kg	A
IPK3018	FTF-12D-47	Endrin aldehyde	5.0U ug/Kg	A

SDG	Sample	Compound	Modified Final Concentration	A or P
IPK2022	CPA-04D-20	Endrin aldehyde	5.0U ug/Kg	A
IPK2022	CPA-05D-05	Endrin aldehyde	5.0U ug/Kg	A
IPK2022	CPA-05D-10	Endrin aldehyde	5.0U ug/Kg	A
IPK2022	CPA-05D-20	Endrin aldehyde	5.0U ug/Kg	A
IPK2022	CPA-05D-30	Endrin aldehyde	5.0U ug/Kg	A
IPK2022	CPA-05D-40	Endrin aldehyde	5.0U ug/Kg	A
IPK2022	CPA-05D-50	Endrin aldehyde	9.9U ug/Kg	A
IPK3159	FTF-14S-05	Endrin aldehyde	5.0U ug/Kg	A
IPK3159	FTF-16S-10	Endrin aldehyde	5.0U ug/Kg	A
IPK3159	FTF-15S-10	Endrin aldehyde	5.0U ug/Kg	A
IPK3159	FTF-17S-05	Endrin aldehyde	5.0U ug/Kg	A
IPK3159	FTF-17S-10	Endrin aldehyde	5.0U ug/Kg	A
IPK3159	FTF-09D-10 (99.5x)	Endrin aldehyde	500U ug/Kg	A
IPK3159	FTF-09D-50	Endrin aldehyde	5.0U ug/Kg	A
IPL0001	FTF-10D-10	Endrin aldehyde	5.0U ug/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Chlorinated Pesticides - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT E2

Chlorinated Pesticides Water Data Validation Report

Chlorinated Pesticides by EPA SW 846 Method 8081A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of single and multicomponent compounds was performed for the primary (quantitation) column and confirmation column as required by this method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for selected compounds.

A curve fit, based on the initial calibration, was established for quantitation for selected compounds. The coefficient of determination (r^2) was greater than or equal to 0.990 .

Retention time windows were evaluated and considered technically acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds as applicable.

The individual 4,4'-DDT and Endrin breakdowns were less than 15.0% .

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for samples in SDGs IPL0841. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPK3019 IPL0003	6L02052-BS1/BSD1 (FTF-12D-GW FTF-10D-GW)	Aldrin Heptachlor	- -	- -	31 (≤30) 33 (≤30)	UJ (all non-detects) UJ (all non-detects)	P

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed.

The sample results for detected compounds from the two columns were within 40.0% relative percent differences (RPD) with the following exceptions:

SDG	Sample	Compound	RPD	Flag	A or P
IPL003	FTF-10D-GW	beta-BHC	66.8	J (all detects)	A

Raw data were not evaluated for the samples on which a Level III review was performed.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Chlorinated Pesticides - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

SDG	Sample	Compound	Flag	A or P	Reason
IPK3019 IPL0003	FTF-12D-GW FTF-10D-GW	Aldrin Heptachlor	UJ (all non-detects) UJ (all non-detects)	P	Laboratory control samples (RPD)
IPL0003	FTF-10D-GW	beta-BHC	J (all detects)	A	Compound quantitation and CRQLs (RPD)

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Chlorinated Pesticides - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

ATTACHMENT F1

PCBs Soil Data Validation Report

Polychlorinated Biphenyls by EPA SW 846 Method 8082

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for selected compounds.

A curve fit, based on the initial calibration, was established for quantitation for selected compounds. The coefficient of determination (r^2) was greater than or equal to 0.990 .

Retention time windows were evaluated and considered technically acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits with the following exceptions:

SDG	Date (Standard)	Column	Compound	%D	Associated Samples	Affected Compound	Flag	A or P
IPL1331	12/26/06 (L26B007)	B	Aroclor-1260	16.859	PSS-04S-5	Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	N/A	-

SDG	Date (Standard)	Column	Compound	%D	Associated Samples	Affected Compound	Flag	A or P
IPL1718	12/28/06 (L28B017)	B	Aroclor-1260	15.601	FPS-02D-2	Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	N/A	-
IPL2028	1/3/07 (A02B040)	B	Aroclor-1260	16.708	FPS-04S-0.5	Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent difference (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds.

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPL1184	FPS-12D-50	Decachlorobiphenyl	196 (45-120)	All TCL compounds	N/A	-
IPL1185	FPS-11S-0.5	Decachlorobiphenyl	3604 (45-120)	All TCL compounds	N/A	-
IPL1186 IPL1538	FPS-16S-10 FPS-18D-30	Decachlorobiphenyl	39 (45-120)	All TCL compounds	UJ (all non-detects)	P
IPK3018	FTF-12D-30	Decachlorobiphenyl	42 (45-120)	All TCL compounds	UJ (all non-detects)	P

SDG	Sample	Surrogate	%R (Limits)	Compound	Flag	A or P
IPL1919	FPS-19D-5 FPS-19D-10	Decachlorobiphenyl	42 (45-120)	All TCL compounds	J- (all detects) UJ (all non-detects)	P
IPL0289	FTF-07D-10	Decachlorobiphenyl	169 (45-120)	All TCL compounds	N/A	-
IPL1920	FPS-06S-0.5	Decachlorobiphenyl	30 (45-120)	All TCL compounds	UJ (all non-detects)	P
IPL1920	FPS-06S-5	Decachlorobiphenyl	180 (45-120)	All TCL compounds	N/A	-
IPL2028	FPS-04S-5	Decachlorobiphenyl	125 (45-120)	All TCL compounds	N/A	-
IPL1533	FPS-08D-5	Decachlorobiphenyl	150 (45-120)	All TCL compounds	N/A	-
IPL1533	6L19114-BLK1	Decachlorobiphenyl	124 (45-120)	All TCL compounds	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples in SDGs IPL1183, IPK3159, IPL2026, and IPL2030. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Affected Compound	Flag	A or P
IPL1533	FPS-08D-20MS/MSD (FPS-08D-20)	Aroclor-1016 Aroclor-1260	- 123 (45-120)	122 (45-120) 124 (45-120)	- -	All TCL compounds	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Compound	Flag	A or P	Reason
IPL1186 IPK3018 IPL1920 IPL1538	FPS-16S-10 FTF-12D-30 FPS-06S-0.5 FPS-18D-30	All TCL compounds	UJ (all non-detects)	P	Surrogate recovery (%R)
IPL1919	FPS-19D-5 FPS-19D-10	All TCL compounds	J- (all detects) UJ (all non-detects)	P	Surrogate recovery (%R)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT F2

PCBs Water Data Validation Report

Polychlorinated Biphenyls by EPA SW 846 Method 8082

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

Retention time windows were evaluated and considered technically acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 15.0% QC limits.

The percent difference (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds.

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

ATTACHMENT G1

PCB as Congeners Soil Data Validation Report

Polychlorinated Biphenyl as Congeners by EPA Method 1668A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. The cooler temperature for sample FTF-11D-10 in SDG IPL0654 was reported at 14.8°C upon receipt by the laboratory.

II. GC/MS Instrument Performance Check

Instrument performance was checked at the required daily frequency.

Retention time windows were established for all congeners.

III. Initial Calibration

A five point initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

The ion abundance ratios for all PCBs were within validation criteria.

IV. Continuing Calibration

Routine calibration was performed at the required frequencies.

All of the routine calibration percent differences (%D) between the initial calibration RRF and the routine calibration RRF were less than or equal to 30.0% for unlabeled compounds and less than or equal to 50.0% for labeled compounds.

The ion abundance ratios for all PCBs were within validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Analysis Date	Compound	Concentration	Associated Samples
IPK0823/A6C2159	1100241MB	11/11/06	PCB 105 PCB 118 PCB 156/157	0.00045 ng/g 0.00209 ng/g 0.00079 ng/g	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10
IPL0654/A6D4494 IPL0840/A6D5073 IPL1183/A6D5693 IPL1185/A6D5732 IPL0289/A6D3186	1139654MB	1/7/07	PCB 77 PCB 105 PCP 114 PCB 118 PCB 156/157 PCB 167	0.000141 ng/g 0.00356 ng/g 0.00038 ng/g 0.00879 ng/g 0.00178 ng/g 0.00064 ng/g	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-11S-0.5 FPS-11S-2 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50
IPL1183/A6D5693 IPL1186/A6D5737	1154624MB	1/29/07	PCB 105 PCB 118 PCB 156/157 PCB 167	0.00744 ng/g 0.0196 ng/g 0.00376 ng/g 0.00122 ng/g	FPS-9D-0.5 FPS-9D-10 FPS-9D-30 FPS-16S-0.5
IPL1184/A6D5748 IPL1185/A6D5732 IPL1186/A6D5737 IPL1330/A6D6380 IPL1331/A6D6383 IPL1332/A6D6399 IPL2029/A6D9295	1143120MB	1/12/07	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0027 ng/g 0.00051 ng/g 0.00880 ng/g 0.0216 ng/g 0.00402 ng/g 0.00125 ng/g	FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-10 FPS-16S-2 FPS-16S-5 FPS-16S-10 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5

SDG	Method Blank ID	Analysis Date	Compound	Concentration	Associated Samples
IPK2191/A6C6520 IPK2846/A6C9807 IPK2022/A6C6532	1128421MB	12/16/06	PCB 118	0.00114 ng/g	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.25 CPA-12S-05 CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50
IPK3159/A6D1157 IPL0001/A6D2248 IPL0102/A6D2262 IPL0289/A6D3186	1131378MB	12/21/06	PCB 118	0.0015 ng/g	FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.25 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10
IPL1718/A6D8468 IPL1719/A6D8477 IPL1538/A6D7154 IPL2029/A6D9295 IPL1533/A6D7152 IPL1919/A6D8483	1149788MB	1/26/07	PCB 118 PCB 156/157	0.00177 ng/g 0.00111 ng/g	FPS-02D-0.5 FPS-02D-2 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-2 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-19D-5

SDG	Method Blank ID	Analysis Date	Compound	Concentration	Associated Samples
IPL1920/A6D8491 IPL2026/A6D9277 IPL2028/A5D9286 IPL2029/A6D9295 IPL2030/A6D9289 IPL1919/A6D8483	1154400MB	1/29/07	PCB 105 PCB 114 PCB 118 PCB 156/157	0.00627 ng/g 0.00080 ng/g 0.0168 ng/g 0.00313 ng/g	FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-10 FPS-19D-30 FPS-19D-50
IPL1533/A6D7152	1158464MB	2/5/07	PCB 118 PCB 156/157	0.0083 ng/g 0.0034 ng/g	FPS-08D-0.5

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK0823/A6C2159	FTF-21D-10	PCB 105 PCB 118 PCB 156/157	0.00095 ng/g 0.00332 ng/g 0.00099 ng/g	0.00095U ng/g 0.00332U ng/g 0.00099U ng/g
IPK0823/A6C2159	FTF-21D-30	PCB 118 PCB 156/157	0.00386 ng/g 0.00157 ng/g	0.00386U ng/g 0.00157U ng/g
IPK0823/A6C2159	FTF-21D-50	PCB 118 PCB 156/157	0.00427 ng/g 0.00157 ng/g	0.00427U ng/g 0.00157U ng/g
IPK0823/A6C2159	CPA-01D-05	PCB 118 PCB 156/157	0.00293 ng/g 0.00107 ng/g	0.00293U ng/g 0.00107U ng/g
IPK0823/A6C2159	CPA-01D-10	PCB 105 PCB 118 PCB 156/157	0.00097 ng/g 0.00293 ng/g 0.00109 ng/g	0.00097U ng/g 0.00293U ng/g 0.00109U ng/g
IPL0654/A6D4494	FTF-11D-10	PCB 105 PCB 118 PCB 156/157	0.0050 ng/g 0.0124 ng/g 0.0024 ng/g	0.0050U ng/g 0.0124U ng/g 0.0024U ng/g

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0840/A6D5073	FTF-11D-50	PCB 105 PCB 118 PCB 156/157 PCB 167	0.156 ng/g 0.0400 ng/g 0.0072 ng/g 0.0023 ng/g	0.156U ng/g 0.0400U ng/g 0.0072U ng/g 0.0023U ng/g
IPL0840/A6D5073	FPS-14D-50	PCB 118 PCB 156/157 PCB 167	0.0326 ng/g 0.0059 ng/g 0.0018 ng/g	0.0326U ng/g 0.0059U ng/g 0.0018U ng/g
IPL1183/A6D5693	FPS-9D-10	PCB 118 PCB 156/157 PCB 167	0.0633 ng/g 0.0106 ng/g 0.0038 ng/g	0.0633U ng/g 0.0106U ng/g 0.0038U ng/g
IPK2191/A6C6520	CPA-12S-0.25	PCB 118	0.00208 ng/g	0.00208U ng/g
IPK2191/A6C6520	CPA-06D-30	PCB 118	0.00304 ng/g	0.00304U ng/g
IPK2191/A6C6520	CPA-06D-50	PCB 118	0.00366 ng/g	0.00366U ng/g
IPK2191/A6C6520	CPA-12S-05	PCB 118	0.00285 ng/g	0.00285U ng/g
IPK2191/A6C6520	CPA-12S-10	PCB 118	0.00226 ng/g	0.00226U ng/g
IPK2846/A6C9807	CPA-07D-05	PCB 118	0.00496 ng/g	0.00496U ng/g
IPK2846/A6C9807	CPA-07D-10	PCB 118	0.00237 ng/g	0.00237U ng/g
IPK2846/A6C9807	CPA-07D-30	PCB 118	0.00317 ng/g	0.00317U ng/g
IPK2022/A6C6532	CPA-04D-10	PCB 118	0.00283 ng/g	0.00283U ng/g
IPK2022/A6C6532	CPA-04D-30	PCB 118	0.00209 ng/g	0.00209U ng/g
IPK2022/A6C6532	CPA-04D-50	PCB 118	0.00236 ng/g	0.00236U ng/g
IPK2022/A6C6532	CPA-05D-05	PCB 118	0.00267 ng/g	0.00267U ng/g
IPK2022/A6C6532	CPA-05D-50	PCB 118	0.00350 ng/g	0.00350U ng/g
IPL0001/A6D2248	FTF-10D-10	PCB 118	0.00424 ng/g	0.00424U ng/g
IPL0001/A6D2248	FTF-10D-30	PCB 118	0.00348 ng/g	0.00348U ng/g
IPL0001/A6D2248	FTF-10D-50	PCB 118	0.0041 ng/g	0.0041U ng/g

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0001/A6D2248	FTF-13D-10	PCB 118	0.00244 ng/g	0.00244U ng/g
IPL0001/A6D2248	FTF-13D-30	PCB 118	0.00319 ng/g	0.00319U ng/g
IPL0102/A6D2262	FTF-13D-50	PCB 118	0.00317 ng/g	0.00317U ng/g
IPL0102/A6D2262	FTF-18S-05	PCB 118	0.00283 ng/g	0.00283U ng/g
IPL0102/A6D2262	FTF-18S-10	PCB 118	0.00333 ng/g	0.00333U ng/g
IPL0102/A6D2262	FTF-20S-05	PCB 118	0.00547 ng/g	0.00547U ng/g
IPL0102/A6D2262	FTF-20S-10	PCB 118	0.0052 ng/g	0.0052U ng/g
IPL0102/A6D2262	FTF-19S-10	PCB 118	0.0073 ng/g	0.0073U ng/g
IPL0289/A6D3186	FTF-08D-10	PCB 105 PCB 118 PCB 156/157	0.0069 ng/g 0.0166 ng/g 0.0033 ng/g	0.0069U ng/g 0.0166U ng/g 0.0033U ng/g
IPL0289/A6D3186	FTF-08D-30	PCB 105 PCB 118 PCB 156/157	0.0061 ng/g 0.0140 ng/g 0.00297 ng/g	0.0061U ng/g 0.0140U ng/g 0.00297U ng/g
IPL0289/A6D3186	FTF-08D-50	PCB 105 PCB 118 PCB 156/157	0.0078 ng/g 0.0189 ng/g 0.0038 ng/g	0.0078U ng/g 0.0189U ng/g 0.0038U ng/g
IPL1330/A6D6380	FPS-22D-5	PCB 8 PCB 105 PCB 118 PCB 156/157	0.0080 ng/g 0.0152 ng/g 0.0380 ng/g 0.00777 ng/g	0.0080u ng/g 0.0152U ng/g 0.0380U ng/g 0.00777U ng/g
IPL1330/A6D6380	FPS-22D-10	PCB 105 PCB 118 PCB 156/157 PCB 167	0.0121 ng/g 0.0316 ng/g 0.00558 ng/g 0.00190 ng/g	0.0121U ng/g 0.0316U ng/g 0.00558U ng/g 0.00190U ng/g
IPL1330/A6D6380	FPS-22D-30	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157	0.0058 ng/g 0.00149 ng/g 0.0120 ng/g 0.0335 ng/g 0.00538 ng/g	0.0058U ng/g 0.00149U ng/g 0.0120U ng/g 0.0335U ng/g 0.00538U ng/g
IPL1330/A6D6380	FPS-22D-50	PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.00188 ng/g 0.0182 ng/g 0.0454 ng/g 0.00896 ng/g 0.00282 ng/g	0.00188U ng/g 0.0182U ng/g 0.0454U ng/g 0.00896U ng/g 0.00282U ng/g

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL1331/A6D6383	PSS-04S-0.5	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0063 ng/g 0.00063 ng/g 0.0140 ng/g 0.0372 ng/g 0.00717 ng/g 0.00225 ng/g	0.0063U ng/g 0.00063U ng/g 0.0140U ng/g 0.0372U ng/g 0.00717U ng/g 0.00225U ng/g
IPL1331/A6D6383	PSS-04S-5	PCB 105 PCB 118 PCB 156/157 PCB 167	0.0126 ng/g 0.0343 ng/g 0.00648 ng/g 0.00203 ng/g	0.0126U ng/g 0.0343U ng/g 0.00648U ng/g 0.00203U ng/g
IPL1331/A6D6383	PSS-04S-10	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0085 ng/g 0.00063 ng/g 0.0266 ng/g 0.0656 ng/g 0.0125 ng/g 0.00383 ng/g	0.0085U ng/g 0.00063U ng/g 0.0266U ng/g 0.0656U ng/g 0.0125U ng/g 0.00383U ng/g
IPL1331/A6D6383	PSS-04S-20	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0115 ng/g 0.00064 ng/g 0.0132 ng/g 0.0345 ng/g 0.00628 ng/g 0.00197 ng/g	0.0115U ng/g 0.00064U ng/g 0.0132U ng/g 0.0345U ng/g 0.00628U ng/g 0.00197U ng/g
IPL1718/A6D8468	FPS-02D-10	PCB 118 PCB 156/157	0.0040 ng/g 0.00125 ng/g	0.0040U ng/g 0.00125U ng/g
IPL1718/A6D8468	FPS-02D-30	PCB 156/157	0.0036 ng/g	0.0036U ng/g
IPL1718/A6D8468	FPS-02D-50	PCB 118	0.0057 ng/g	0.0057U ng/g
IPL1719/A6D8477	FPS-20D-5	PCB 156/157	0.0052 ng/g	0.0052U ng/g
IPL1719/A6D8477	FPS-20D-10	PCB 118 PCB 156/157	0.00388 ng/g 0.0017 ng/g	0.00388U ng/g 0.0017U ng/g
IPL1538/A6D7154	FPS-18D-10	PCB 118 PCB 156/157	0.00234 ng/g 0.00117 ng/g	0.00234U ng/g 0.00117U ng/g
IPL1538/A6D7154	FPS-18D-5	PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.00075 ng/g 0.0148 ng/g 0.0365 ng/g 0.00690 ng/g 0.00211 ng/g	0.00075U ng/g 0.0148U ng/g 0.0365U ng/g 0.00690U ng/g 0.00211U ng/g
IPL1919/A6D8483	FPS-19D-30	PCB 105 PCB 118 PCB 156/157	0.0134 ng/g 0.0379 ng/g 0.0066 ng/g	0.0134U ng/g 0.0379U ng/g 0.0066U ng/g

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL1919/A6D8483	FPS-19D-50	PCB 105 PCB 118 PCB 156/157	0.0176 ng/g 0.0489 ng/g 0.0090 ng/g	0.0176U ng/g 0.0489U ng/g 0.0090U ng/g

No field blanks were identified in these SDGs.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL0289/ A6D3186	FTF-07D-10MS/MSD (FTF-07D-10)	PCB 4	77 (80-140)	75 (80-140)	-	J- (all detects)	A
IPL1183/ A6D5693	FPS-9D-5MS/MSD (FPS-9D-5)	PCB 105 PCB 118	76 (80-140) 63 (80-140)	77 (80-140) 63 (80-140)	- -	J- (all detects) J- (all detects)	A
IPL1184/ A6D5748	FPS-12D-10MS/MSD (FPS-12D-10)	PCB 4 PCB 167	- -	64 (80-140) -	37 (≤20) 25 (≤20)	J (all detects) J (all detects)	A
IPL2026/ A6D9277	FPS-21D-5MS/MSD (FPS-21D-5)	PCB 15 PCB 114 PCB 123 PCB 156/157 PCB 167	- 60 (80-140) - 50 (80-140) 62 (80-140)	148 (80-140) - - - -	53 (≤20) 34 (≤20) 28 (≤20) 55 (≤20) 38 (≤20)	J (all detects)	A
IPL2026/ A6D9277	FPS-21D-5MS/MSD (FPS-21D-5)	PCB 77	73 (80-140)	-	-	J- (all detects)	A

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Regional Quality Assurance and Quality Control

Not applicable.

IX. Internal Standards

All internal standard percent recoveries (%R) were within QC limits.

X. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XI. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls as Congeners - Data Qualification Summary - SDGs IPK0823/A6C2159, IPK1028/A6C2425, IPK1663/A6C4455, IPK1861/A6C5257, IPK1865/A6C5259, IPK2022/A6C6532, IPK2191/A6C6520, IPK2846/A6C9807, IPK3018/A6D0494, IPK3159/A6D1157, IPL0001/A6D2248, IPL0102/A6D2262, IPL0289/A6D3186, IPL0654/A6D4494, IPL0840/A6D5073, IPL1183/A6D5693, IPL1184/A6D5748, IPL1185/A6D5732, IPL1186/A6D5737, IPL1330/A6D6380, IPL1331/A6D6383, IPL1332/A6D6399, IPL1533/A6D7152, IPL1538/A6D7154, IPL1718/A6D8468, IPL1719/A6D8477, IPL1919/A6D8483, IPL1920/A6D8491, IPL2026/A6D9277, IPL2028/A6D9286, IPL2029/A6D9295, IPL2030/A6D9289

SDG	Sample	Compound	Flag	A or P	Reason
IPL0289/A6D3186	FTF-07D-10	PCB 4	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1183/A6D5693	FPS-9D-5	PCB 105 PCB 118	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1184/A6D5748	FPS-12D-10	PCB 4	J (all detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPL1184/A6D5748	FPS-12D-10	PCB 167	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPL2026/A6D9277	FPS-21D-5	PCB 15 PCB 114 PCB 156/157 PCB 167	J (all detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPL2026/A6D9277	FPS-21D-5	PCB 123	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPL2026/A6D9277	FPS-21D-5	PCB 77	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

Polychlorinated Biphenyls as Congeners - Laboratory Blank Data Qualification Summary - SDGs IPK0823/A6C2159, IPK1028/A6C2425, IPK1663/A6C4455, IPK1861/A6C5257, IPK1865/A6C5259, IPK2022/A6C6532, IPK2191/A6C6520, IPK2846/A6C9807, IPK3018/A6D0494, IPK3159/A6D1157, IPL0001/A6D2248, IPL0102/A6D2262, IPL0289/A6D3186, IPL0654/A6D4494, IPL0840/A6D5073, IPL1183/A6D5693, IPL1184/A6D5748, IPL1185/A6D5732, IPL1186/A6D5737, IPL1330/A6D6380, IPL1331/A6D6383, IPL1332/A6D6399, IPL1533/A6D7152, IPL1538/A6D7154, IPL1718/A6D8468, IPL1719/A6D8477, IPL1919/A6D8483, IPL1920/A6D8491, IPL2026/A6D9277, IPL2028/A6D9286, IPL2029/A6D9295, IPL2030/A6D9289

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK0823/A6C2159	FTF-21D-10	PCB 105 PCB 118 PCB 156/157	0.00095U ng/g 0.00332U ng/g 0.00099U ng/g	A
IPK0823/A6C2159	FTF-21D-30	PCB 118 PCB 156/157	0.00386U ng/g 0.00157U ng/g	A
IPK0823/A6C2159	FTF-21D-50	PCB 118 PCB 156/157	0.00427U ng/g 0.00157U ng/g	A
IPK0823/A6C2159	CPA-01D-05	PCB 118 PCB 156/157	0.00293U ng/g 0.00107U ng/g	A
IPK0823/A6C2159	CPA-01D-10	PCB 105 PCB 118 PCB 156/157	0.00097U ng/g 0.00293U ng/g 0.00109U ng/g	A
IPL0654/A6D4494	FTF-11D-10	PCB 105 PCB 118 PCB 156/157	0.0050U ng/g 0.0124U ng/g 0.0024U ng/g	A
IPL0840/A6D5073	FTF-11D-50	PCB 105 PCB 118 PCB 156/157 PCB 167	0.156U ng/g 0.0400U ng/g 0.0072U ng/g 0.0023U ng/g	A
IPL0840/A6D5073	FPS-14D-50	PCB 118 PCB 156/157 PCB 167	0.0326U ng/g 0.0059U ng/g 0.0018U ng/g	A
IPL1183/A6D5693	FPS-9D-10	PCB 118 PCB 156/157 PCB 167	0.0633U ng/g 0.0106U ng/g 0.0038U ng/g	A
IPK2191/A6C6520	CPA-12S-0.25	PCB 118	0.00208U ng/g	A
IPK2191/A6C6520	CPA-06D-30	PCB 118	0.00304U ng/g	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK2191/A6C6520	CPA-06D-50	PCB 118	0.00366U ng/g	A
IPK2191/A6C6520	CPA-12S-05	PCB 118	0.00285U ng/g	A
IPK2191/A6C6520	CPA-12S-10	PCB 118	0.00226U ng/g	A
IPK2846/A6C9807	CPA-07D-05	PCB 118	0.00496U ng/g	A
IPK2846/A6C9807	CPA-07D-10	PCB 118	0.00237U ng/g	A
IPK2846/A6C9807	CPA-07D-30	PCB 118	0.00317U ng/g	A
IPK2022/A6C6532	CPA-04D-10	PCB 118	0.00283U ng/g	A
IPK2022/A6C6532	CPA-04D-30	PCB 118	0.00209U ng/g	A
IPK2022/A6C6532	CPA-04D-50	PCB 118	0.00236U ng/g	A
IPK2022/A6C6532	CPA-05D-05	PCB 118	0.00267U ng/g	A
IPK2022/A6C6532	CPA-05D-50	PCB 118	0.00350U ng/g	A
IPL0001/A6D2248	FTF-10D-10	PCB 118	0.00424U ng/g	A
IPL0001/A6D2248	FTF-10D-30	PCB 118	0.00348U ng/g	A
IPL0001/A6D2248	FTF-10D-50	PCB 118	0.0041U ng/g	A
IPL0001/A6D2248	FTF-13D-10	PCB 118	0.00244U ng/g	A
IPL0001/A6D2248	FTF-13D-30	PCB 118	0.00319U ng/g	A
IPL0102/A6D2262	FTF-13D-50	PCB 118	0.00317U ng/g	A
IPL0102/A6D2262	FTF-18S-05	PCB 118	0.00283U ng/g	A
IPL0102/A6D2262	FTF-18S-10	PCB 118	0.00333U ng/g	A
IPL0102/A6D2262	FTF-20S-05	PCB 118	0.00547U ng/g	A
IPL0102/A6D2262	FTF-20S-10	PCB 118	0.0052U ng/g	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL0102/A6D2262	FTF-19S-10	PCB 118	0.0073U ng/g	A
IPL0289/A6D3186	FTF-08D-10	PCB 105 PCB 118 PCB 156/157	0.0069U ng/g 0.0166U ng/g 0.0033U ng/g	A
IPL0289/A6D3186	FTF-08D-30	PCB 105 PCB 118 PCB 156/157	0.0061U ng/g 0.0140U ng/g 0.00297U ng/g	A
IPL0289/A6D3186	FTF-08D-50	PCB 105 PCB 118 PCB 156/157	0.0078U ng/g 0.0189U ng/g 0.0038U ng/g	A
IPL1330/A6D6380	FPS-22D-5	PCB 8 PCB 105 PCB 118 PCB 156/157	0.0080U ng/g 0.0152U ng/g 0.0380U ng/g 0.00777U ng/g	A
IPL1330/A6D6380	FPS-22D-10	PCB 105 PCB 118 PCB 156/157 PCB 167	0.0121U ng/g 0.0316U ng/g 0.00558U ng/g 0.00190U ng/g	A
IPL1330/A6D6380	FPS-22D-30	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157	0.0058U ng/g 0.00149U ng/g 0.0120U ng/g 0.0335U ng/g 0.00538U ng/g	A
IPL1330/A6D6380	FPS-22D-50	PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.00188U ng/g 0.0182U ng/g 0.0454U ng/g 0.00896U ng/g 0.00282U ng/g	A
IPL1331/A6D6383	PSS-04S-0.5	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0063U ng/g 0.00063U ng/g 0.0140U ng/g 0.0372U ng/g 0.00717U ng/g 0.00225U ng/g	A
IPL1331/A6D6383	PSS-04S-5	PCB 105 PCB 118 PCB 156/157 PCB 167	0.0126U ng/g 0.0343U ng/g 0.00648U ng/g 0.00203U ng/g	A
IPL1331/A6D6383	PSS-04S-10	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0085U ng/g 0.00063U ng/g 0.0266U ng/g 0.0656U ng/g 0.0125U ng/g 0.00383U ng/g	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL1331/A6D6383	PSS-04S-20	PCB 8 PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.0115U ng/g 0.00064U ng/g 0.0132U ng/g 0.0345U ng/g 0.00628U ng/g 0.00197U ng/g	A
IPL1718/A6D8468	FPS-02D-10	PCB 118 PCB 156/157	0.0040U ng/g 0.00125U ng/g	A
IPL1718/A6D8468	FPS-02D-30	PCB 156/157	0.0036U ng/g	A
IPL1718/A6D8468	FPS-02D-50	PCB 118	0.0057U ng/g	A
IPL1719/A6D8477	FPS-20D-5	PCB 156/157	0.0052U ng/g	A
IPL1719/A6D8477	FPS-20D-10	PCB 118 PCB 156/157	0.00388U ng/g 0.0017U ng/g	A
IPL1538/A6D7154	FPS-18D-10	PCB 118 PCB 156/157	0.00234U ng/g 0.00117U ng/g	A
IPL1538/A6D7154	FPS-18D-5	PCB 77 PCB 105 PCB 118 PCB 156/157 PCB 167	0.00075U ng/g 0.0148U ng/g 0.0365U ng/g 0.00690U ng/g 0.00211U ng/g	A
IPL1919/A6D8483	FPS-19D-30	PCB 105 PCB 118 PCB 156/157	0.0134U ng/g 0.0379U ng/g 0.0066U ng/g	A
IPL1919/A6D8483	FPS-19D-50	PCB 105 PCB 118 PCB 156/157	0.0176U ng/g 0.0489U ng/g 0.0090U ng/g	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Polychlorinated Biphenyls as Congeners - Field Blank Data Qualification Summary - SDGs IPK0823/A6C2159, IPK1028/A6C2425, IPK1663/A6C4455, IPK1861/A6C5257, IPK1865/A6C5259, IPK2022/A6C6532, IPK2191/A6C6520, IPK2846/A6C9807, IPK3018/A6D0494, IPK3159/A6D1157, IPL0001/A6D2248, IPL0102/A6D2262,

IPL0289/A6D3186, IPL0654/A6D4494, IPL0840/A6D5073, IPL1183/A6D5693, IPL1184/A6D5748, IPL1185/A6D5732, IPL1186/A6D5737, IPL1330/A6D6380, IPL1331/A6D6383, IPL1332/A6D6399, IPL1533/A6D7152, IPL1538/A6D7154, IPL1718/A6D8468, IPL1719/A6D8477, IPL1919/A6D8483, IPL1920/A6D8491, IPL2026/A6D9277, IPL2028/A6D9286, IPL2029/A6D9295, IPL2030/A6D9289

No Sample Data Qualified in these SDGs

ATTACHMENT G2

PCB as Congeners Water Data Validation Report

Polychlorinated Biphenyl as Congeners by EPA Method 1668A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at the required daily frequency.

Retention time windows were established for all congeners.

III. Initial Calibration

A five point initial calibration was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

The ion abundance ratios for all PCBs were within validation criteria.

IV. Continuing Calibration

Routine calibration was performed at the required frequencies.

All of the routine calibration percent differences (%D) between the initial calibration RRF and the routine calibration RRF were less than or equal to 25.0% for unlabeled compounds and less than or equal to 35.0% for labeled compounds.

The ion abundance ratios for all PCBs were within validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Analysis Date	Compound	Concentration	Associated Samples
IPL0290/A6D3202 IPL0841/A6D5105 IPK3019/A6D1135	1139678MB	1/2/07	PCB 105 PCB 118 PCB 156/157	0.0082 ng/L 0.0246 ng/L 0.0099 ng/L	FTF-07D-GW FTF-11D-GW FTF-12D-GW
IPL0003/A6D2235	1128743MB	12/19/06	PCB 77 PCB 105 PCB 114 PCB 118 PCB 156/157 PCB 167	0.165 ng/L 0.410 ng/L 0.0335 ng/L 0.924 ng/L 0.0700 ng/L 0.231 ng/L	FTF-10D-GW

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK3019/A6D1135	FTF-12D-GW	PCB 156/157	0.0250 ng/L	0.0250U ng/L
IPL0003/A6D2235	FTF-10D-GW	PCB 118 PCB 156/157	0.553 ng/L 0.079 ng/L	0.553U ng/L 0.079U ng/L

No field blanks were identified in these SDGs.

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in these SDGs, and therefore matrix spike and matrix spike duplicate analyses were not performed for these SDGs.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Regional Quality Assurance and Quality Control

Not applicable.

IX. Internal Standards

All internal standard percent recoveries (%R) were within QC limits.

X. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

XI. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

XII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples on which a Level III review was performed.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30) Polychlorinated Biphenyls as Congeners - Data Qualification Summary - SDGs IPK3019/A6D1135, IPL0003/A6D2235, IPL0290/A6D3202, IPL0841/A6D5105

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30) Polychlorinated Biphenyls as Congeners - Laboratory Blank Data Qualification Summary - SDGs IPK3019/A6D1135, IPL0003/A6D2235, IPL0290/A6D3202, IPL0841/A6D5105

SDG	Sample	Compound	Modified Final Concentration	A or P
IPK3019/A6D1135	FTF-12D-GW	PCB 156/157	0.0250U ng/L	A
IPL0003/A6D2235	FTF-10D-GW	PCB 118 PCB 156/157	0.553U ng/L 0.079U ng/L	A

Supplemental Groundwater Investigation, Henderson, Nevada (732.30) Polychlorinated Biphenyls as Congeners - Field Blank Data Qualification Summary - SDGs IPK3019/A6D1135, IPL0003/A6D2235, IPL0290/A6D3202, IPL0841/A6D5105

No Sample Data Qualified in these SDGs

ATTACHMENT H

PCDDs/PCDFs Soil Data Validation Report

Polychlorinated Dioxins/Dibenzofurans by EPA SW 846 Method 8290

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. HRGC/HRMS Instrument Performance Check

Instrument performance was checked at the required daily frequency.

Retention time windows were established for all homologues. The chromatographic resolution between 2,3,7,8-TCDD and peaks representing any other unlabeled TCDD isomer was less than or equal to 25%.

III. Initial Calibration

A five point initial calibration was performed as required by the method.

Percent relative standard deviations (%RSD) were less than or equal to 20.0% for unlabeled compounds and less than or equal to 30.0% for labeled compounds.

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

IV. Routine Calibration (Continuing)

Routine calibration was performed at the required frequencies.

All of the routine calibration percent differences (%D) between the initial calibration RRF and the routine calibration RRF were less than or equal to 20.0% for unlabeled compounds and less than or equal to 30.0% for labeled compounds with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Affected Compound	Flag	A or P
IPL1718/A6D8468	1/12/07	^{13}C-OCDD	39	FPS-02D-2	OCDD OCDF	J- (all detects) J- (all detects)	P

The ion abundance ratios for all PCDDs and PCDFs were within validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated dioxin/dibenzofuran contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPK1028/A6C2425	1107236MB	11/22/06	1,2,3,4,6,7,8-HpCDD OCDD	0.79 pg/g 2.16 pg/g	CPA-09S-0.25
IPK1861/A6C5257 IPK2022/A6C6532 IPK2191/A6C6520	1116539MB	12/7/06	1,2,3,6,7,8-HxCDD 1,2,3,4,6,7,8-HpCDD OCDD 2,3,4,7,8-PeCDF 1,2,3,6,7,8-HxCDF OCDF	0.32 pg/g 0.94 pg/g 3.77 pg/g 0.30 pg/g 0.27 pg/g 1.05 pg/g	CPA-10S-0.25 CPA-05D-0.25 CPA-12S-0.25
IPK3159/A6D1157	1125500MB	12/14/06	1,2,3,4,6,7,8-HpCDD	0.75 pg/g	FTF-16S-0.25
IPL0102/A6D2262	1136350MB	12/28/06	1,2,3,4,6,7,8-HpCDD OCDD OCDF	0.99 pg/g 5.06 pg/g 1.34 pg/g	FTF-20S-0.25
IPL1185/A6D5732 IPL1186/A6D5737 IPL1718/A6D8468	1139736MB	1/9/07	1,2,3,7,8-PeCDD 1,2,3,4,7,8-HxCDD 1,2,3,6,7,8-HxCDD 1,2,3,7,8,9-HxCDD OCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 1,2,3,4,7,8-HxCDF 1,2,3,6,7,8-HxCDF 2,3,4,6,7,8-HxCDF 1,2,3,7,8,9-HxCDF 1,2,3,4,7,8,9-HpCDF OCDF	1.08 pg/g 0.94 pg/g 1.12 pg/g 2.17 pg/g 5.52 pg/g 1.27 pg/g 1.44 pg/g 1.22 pg/g 1.02 pg/g 1.05 pg/g 1.83 pg/g 1.64 pg/g 3.49 pg/g	FPS-11S-2 FPS-16S-2 FPS-02D-2
IPL1533/A6D7152	1150130MB	1/18/07	1,2,3,4,6,7,8-HpCDD OCDD OCDF	0.64 pg/g 4.15 pg/g 0.60 pg/g	FPS-08D-2

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
IPK2191/A6C6520	CPA-12S-0.25	OCDD OCDF	2.29 pg/g 1.33 pg/g	2.29U pg/g 1.33U pg/g
IPL1185/A6D5732	FPS-11S-2	1,2,3,6,7,8-HxCDD OCDD 1,2,3,7,8,9-HxCDF	1.2 pg/g 20.7 pg/g 1.28 pg/g	1.2U pg/g 20.7U pg/g 1.28U pg/g
IPL1186/A6D5737	FPS-16S-2	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,7,8,9-HpCDF	2.1 pg/g 4.7 pg/g 1.8 pg/g 5.4 pg/g	2.1U pg/g 4.7U pg/g 1.8U pg/g 5.4U pg/g
IPL1718/A6D8468	FPS-02D-2	OCDF	9.7 pg/g	9.7U pg/g

No field blanks were identified in these SDGs.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK2022/A6C6532	CPA-05D-0.25MS/MSD (CPA-05D-0.25)	1,2,3,7,8-PeCDF	78 (80-140)	76 (80-140)	54 (≤20)	J (all detects)	A
IPK2022/A6C6532	CPA-05D-0.25MS/MSD (CPA-05D-0.25)	2,3,4,7,8-PeCDF 1,2,3,7,8,9-HxCDF	43 (80-140) 71 (80-140)	75 (80-140) -	- -	J- (all detects) J- (all detects)	A

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in SDG IPL1533/A6D7152, and therefore matrix spike and matrix spike duplicate analyses were not performed.

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable with the following exceptions:

SDG	Associated Samples	Compound	Finding	Criteria	Flag	A or P
IPL1533/A6D7152	FPS-08D-2	All TCL compounds	No LCS analysis associated with these samples.	LCS analysis required.	J (all detects) UJ (all non-detects)	P

The sample is qualified as estimated (J/UJ) due to the lack of associated laboratory control samples, matrix spikes, and matrix spike duplicates.

The percent recoveries (%R) were within the QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	%R (Limits)	Flag	A or P
IPK1861/A6C5257 IPK2022/A6C6532 IPK2191/A6C6520	1116539LCS (CPA-10S-0.25 CPA-05D-0.25 CPA-12S-0.25)	1,2,3,7,8,9-HxCDF	69 (80-140)	J- (all detects) UJ (all non-detects)	P

VIII. Regional Quality Assurance and Quality Control

Not applicable.

IX. Internal Standards

All internal standard areas and retention times were within QC limits with the following exceptions:

SDG	Sample	Internal Standards	Area (Limits)	Compound	Flag	A or P
IPL0102/A6D2262	FTF-20S-0.25	^{13}C-1,2,3,7,8-PeCDD ^{13}C-1,2,3,7,8-PeCDF ^{13}C-2,3,7,8-TCDF	946 (40-135) 1080 (40-135) 1050 (40-135)	1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,7,8-TCDF	J (all detects) UJ (all non-detects)	P
IPL1533/A6D7152	FPS-08D-2	^{13}C-2,3,7,8-TCDF	1.0 (40-135)	2,3,7,8-TCDF	R (all non-detects)	P
IPL1533/A6D7152	FPS-08D-2	^{13}C-2,3,7,8-TCDD	26 (40-135)	2,3,7,8-TCDD	UJ (all non-detects)	P

X. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed with the following exceptions:

SDG	Sample	Compound	Finding	Criteria	Flag	A or P
IPK1028/A6C2425 IPK1861/A6C5257 IPK3159/A6D1157 IPL1718/A6D8468	CPA-09S-0.25 CPA-10S-0.25 FTF-16S-0.25 FPS-02D-2	2,3,7,8-TCDF	2nd column confirmation was not performed for this compound.	This compounds must be confirmed on the 2nd column per the method.	None	P

Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XIII. Overall Assessment of Data

Data flags have been summarized at the end of the report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Dioxins/Dibenzofurans - Data Qualification Summary - SDGs IPK1028/A6C2425, IPK1861/A6C5257, IPK2022/A6C6532, IPK2191/A6C6520, IPK3159/A6D1157, IPL0102/A6D2262, IPL1185/A6D5732, IPL1186/A6D5737, IPL1533/A6D7152, IPL1718/A6D8468

SDG	Sample	Compound	Flag	A or P	Reason
IPL1718/A6D8468	FPS-02D-2	OCDD OCDF	J- (all detects) J- (all detects)	P	Routine calibration (%D)
IPK2022/A6C6532	CPA-05D-0.25	1,2,3,7,8-PeCDF	J (all detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPK2022/A6C6532	CPA-05D-0.25	2,3,4,7,8-PeCDF 1,2,3,7,8,9-HxCDF	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK1861/A6C5257 IPK2022/A6C6532 IPK2191/A6C6520	CPA-10S-0.25 CPA-05D-0.25 CPA-12S-0.25	1,2,3,7,8,9-HxCDF	J- (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)
IPL1533/A6D7152	FPS-08D-2	All TCL compounds	J (all detects) UJ (all non-detects)	P	Laboratory control samples
IPL0102/A6D2262	FTF-20S-0.25	1,2,3,7,8-PeCDD 1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,7,8-TCDF	J (all detects) UJ (all non-detects)	P	Internal standards (%R)
IPL1533/A6D7152	FPS-08D-2	2,3,7,8-TCDF	R (all non-detects)	P	Internal standards (%R)
IPL1533/A6D7152	FPS-08D-2	2,3,7,8-TCDD	UJ (all non-detects)	P	Internal standards (%R)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Dioxins/Dibenzofurans - Laboratory Blank Data Qualification Summary - SDGs IPK1028/A6C2425, IPK1861/A6C5257, IPK2022/A6C6532, IPK2191/A6C6520, IPK3159/A6D1157, IPL0102/A6D2262, IPL1185/A6D5732, IPL1186/A6D5737, IPL1533/A6D7152, IPL1718/A6D8468

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK2191/A6C6520	CPA-12S-0.25	OCDD OCDF	2.29U pg/g 1.33U pg/g	A
IPL1185/A6D5732	FPS-11S-2	1,2,3,6,7,8-HxCDD OCDD 1,2,3,7,8,9-HxCDF	1.2U pg/g 20.7U pg/g 1.28U pg/g	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL1186/A6D5737	FPS-16S-2	1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF 2,3,4,6,7,8-HxCDF 1,2,3,4,7,8,9-HpCDF	2.1U pg/g 4.7U pg/g 1.8U pg/g 5.4U pg/g	A
IPL1718/A6D8468	FPS-02D-2	OCDF	9.7U pg/g	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Dioxins/Dibenzofurans - Field Blank Data Qualification Summary - SDGs IPK1028/A6C2425, IPK1861/A6C5257, IPK2022/A6C6532, IPK2191/A6C6520, IPK3159/A6D1157, IPL0102/A6D2262, IPL1185/A6D5732, IPL1186/A6D5737, IPL1533/A6D7152, IPL1718/A6D8468

No Sample Data Qualified in these SDGs

ATTACHMENT I

Gasoline Range Organics Data Validation Report

Gasoline Range Organics by EPA SW 846 Method 8015B

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0% .

b. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 15.0% QC limits.

The percent differences (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No gasoline range organic contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples in SDGs IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1533, IPL1538, IPL1919, IPL2026 and IPL2030. Since the samples were diluted out, no data were qualified.

b. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there was insufficient sample volume for analysis of the matrix spike and matrix spike duplicate.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags have been summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Gasoline Range Organics - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Gasoline Range Organics- Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Gasoline Range Organics - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT J

Extractable Fuel Hydrocarbon Data Validation Report

Extractable Fuel Hydrocarbons by EPA SW 846 Method 8015B

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for compounds were less than or equal to 20.0% .

b. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 15.0% QC limits.

The percent difference (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No total petroleum hydrocarbons as extractable contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPL1919 IPL1920 IPL2030	6L28090-BLK1	12/28/06	Diesel range organics Extractable fuel hydrocarbons	2.03 mg/Kg 2.54 mg/Kg	FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-01S-5

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPL2026 IPL2028 IPL2029 IPL2030	6L29075-BLK1	12/29/06	Diesel range organics Extractable fuel hydrocarbons	3.21 mg/Kg 4.66 mg/Kg	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound	Reported Concentration	Modified Final Concentration
IPL1919	FPS-19D-30	Diesel range organics Extractable fuel hydrocarbons	2.1 mg/Kg 2.5 mg/Kg	5.0U mg/Kg 5.0U mg/Kg
IPL1919	FPS-19D-50	Diesel range organics Extractable fuel hydrocarbons	2.5 mg/Kg 3.0 mg/Kg	5.0U mg/Kg 5.0U mg/Kg
IPL2028	FPS-04S-5	Diesel range organics Extractable fuel hydrocarbons	10 mg/Kg 17 mg/Kg	10U mg/Kg 17U mg/Kg
IPL2028	FPS-04S-10	Diesel range organics Extractable fuel hydrocarbons	9.6 mg/Kg 12 mg/Kg	9.6U mg/Kg 12U mg/Kg
IPL2029	CPA-11S-0.5	Diesel range organics Extractable fuel hydrocarbons	6.5 mg/Kg 14 mg/Kg	6.5U mg/Kg 14U mg/Kg

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples in SDGs IPL1919, IPL1920 and IPL2026. Since these samples were diluted out, no data were qualified.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags have been summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Extractable Fuel Hydrocarbons - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Extractable Fuel Hydrocarbons - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	**Compound**	**Modified Final Concentration**	**A or P**
IPL1919	FPS-19D-30	Diesel range organics Extractable fuel hydrocarbons	5.0U mg/Kg 5.0U mg/Kg	A
IPL1919	FPS-19D-50	Diesel range organics Extractable fuel hydrocarbons	5.0U mg/Kg 5.0U mg/Kg	A
IPL2028	FPS-04S-5	Diesel range organics Extractable fuel hydrocarbons	10U mg/Kg 17U mg/Kg	A
IPL2028	FPS-04S-10	Diesel range organics Extractable fuel hydrocarbons	9.6U mg/Kg 12U mg/Kg	A
IPL2029	CPA-11S-0.5	Diesel range organics Extractable fuel hydrocarbons	6.5U mg/Kg 14U mg/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Extractable Fuel Hydrocarbons - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT K

Ethanol Data Validation Report

Ethanol by EPA SW 846 Method 8015B

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) of calibration factors for all compounds were less than or equal to 20.0% .

b. Calibration Verification

Calibration verification was performed at required frequencies. The percent differences (%D) of amounts in continuing standard mixtures were within the 15.0% QC limits with the following exceptions:

SDG	Date (Standard ID)	Compound	%D	Associated Samples	Flag	A or P
IPK3159/CPL0007 IPL0001/CPL0031	12/13/06 (L12A056)	Ethanol	18.4	FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50	UJ (all non-detects)	P
IPL0001/CPL0031 IPL0102/CPL0040	12/13/06 (L12A067)	Ethanol	20.5	FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05	UJ (all non-detects)	P
IPL0102/CPL0040	12/13/06 (L12A078)	Ethanol	20.8	FTF-20S-10	UJ (all non-detects)	P

SDG	Date (Standard ID)	Compound	%D	Associated Samples	Flag	A or P
IPL0102/CPL0040	12/13/06 (L12A081)	Ethanol	18.6	FTF-19S-0.5 FTF-19S-05 FTF-19S-10	UJ (all non-detects)	P
IPL0289/CPL0169	12/14/06 (L14A003)	Ethanol	17.5	FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50	UJ (all non-detects)	P
IPL0654/CPL0286 IPL0840/CPL0313 IPL1185/CPL0442	12/14/06 (L14A014)	Ethanol	15.2	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-11S-0.5 FPS-11S-5	UJ (all non-detects)	P

The percent difference (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No ethanol was found in the method blanks.

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were not required by the method.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL1538/CPL0521	FPS-18D-30MS/MSD (FPS-18D-30)	Ethanol	157 (45-155)	170 (45-155)	-	N/A	-

For the results above flagged Not Applicable (N/A), the affected compound was not detected in the associated sample and did not warrant qualification of the data.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags have been summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Ethanol - Data Qualification Summary - SDGs IPK0823/CPK0401, IPK1028/CPK0431, IPK1663/CPK0632, IPK1861/CPK0659, IPK1865/CPK0658, IPK2022/CPK0698, IPK2191/CPK0729, IPK2846/CPK0952, IPK3018/CPK0974, IPK3159/CPL0007, IPL0001/CPL0031, IPL0102/CPL0040, IPL0289/CPL0169, IPL0654/CPL0286, IPL0840/CPL0313, IPL1183/CPL0445, IPL1184/CPL0446, IPL1185/CPL0442, IPL1186/CPL0444, IPL1330/CPL0497, IPL1331/CPL0498, IPL1332/CPL0499, IPL1533/CPL0522, IPL1538/CPL0521, IPL1718/CPL0548, IPL1719/CPL0549, IPL1919/CPL0564, IPL1920/CPL0565, IPL2026/CPL0665, IPL2028/CPL0671, IPL2029/CPL0669, IPL2030/CPL0672

SDG	Sample	Compound	Flag	A or P	Reason
IPK3159/CPL0007 IPL0001/CPL0031 IPL0102/CPL0040 IPL0289/CPL0169 IPL0654/CPL0286 IPL0840/CPL0313 IPL1185/CPL0442	FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50 FTF-11D-10 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FTF-11D-30 FTF-11D-50 FPS-11S-0.5 FPS-11S-5	Ethanol	UJ (all non-detects)	P	Continuing calibration (%D)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Ethanol - Laboratory Blank Data Qualification Summary - SDGs IPK0823/CPK0401, IPK1028/CPK0431, IPK1663/CPK0632, IPK1861/CPK0659, IPK1865/CPK0658, IPK2022/CPK0698, IPK2191/CPK0729, IPK2846/CPK0952, IPK3018/CPK0974, IPK3159/CPL0007, IPL0001/CPL0031, IPL0102/CPL0040, IPL0289/CPL0169, IPL0654/CPL0286, IPL0840/CPL0313, IPL1183/CPL0445, IPL1184/CPL0446, IPL1185/CPL0442, IPL1186/CPL0444, IPL1330/CPL0497, IPL1331/CPL0498, IPL1332/CPL0499, IPL1533/CPL0522, IPL1538/CPL0521, IPL1718/CPL0548, IPL1719/CPL0549, IPL1919/CPL0564, IPL1920/CPL0565, IPL2026/CPL0665, IPL2028/CPL0671, IPL2029/CPL0669, IPL2030/CPL0672

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Ethanol - Field Blank Data Qualification Summary - SDGs IPK0823/CPK0401, IPK1028/CPK0431, IPK1663/CPK0632, IPK1861/CPK0659, IPK1865/CPK0658, IPK2022/CPK0698, IPK2191/CPK0729, IPK2846/CPK0952, IPK3018/CPK0974, IPK3159/CPL0007, IPL0001/CPL0031, IPL0102/CPL0040, IPL0289/CPL0169, IPL0654/CPL0286, IPL0840/CPL0313, IPL1183/CPL0445, IPL1184/CPL0446, IPL1185/CPL0442, IPL1186/CPL0444, IPL1330/CPL0497, IPL1331/CPL0498, IPL1332/CPL0499, IPL1533/CPL0522, IPL1538/CPL0521, IPL1718/CPL0548, IPL1719/CPL0549, IPL1919/CPL0564, IPL1920/CPL0565, IPL2026/CPL0665, IPL2028/CPL0671, IPL2029/CPL0669, IPL2030/CPL0672

No Sample Data Qualified in these SDGs

ATTACHMENT L1

Aldehydes Soil Data Validation Report

Aldehydes by EPA SW 846 Method 8315A

I. Technical Holding Times

All technical holding time requirements were met with the following exceptions:

SDG	Sample	Compound	Total Days From Sample Collection Until Extraction	Required Holding Time (in Days) From Sample Collection Until Extraction	Flag	A or P
IPK2191/CPK0729 IPL1330/CPL0497 IPL1331/CPL0498 IPL1332/CPL0499	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50	All TCL compounds	17	14	J- (all detects) UJ (all non-detects)	P
IPL2026/CPL0665 IPL2028/CPL0671 IPL1538/CPL0521 IPL2029/CPL0669 IPL1533/CPL0522 IPL2030/CPL0672	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	All TCL compounds	16	14	J- (all detects) UJ (all non-detects)	P
IPL1919/CPL0564	FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	All TCL compounds	15	14	J- (all detects) UJ (all non-detects)	P

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

b. Calibration Verification

Calibration verification was performed at the required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were less than or equal to 15.0% with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK3159/CPL0007	12/11/06 (L11020)	Chloroacetaldehyde	20	FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10	N/A	-
IPK3159/CPL0007	12/12/06 (L11031)	Formaldehyde	20.6	FTF-09D-50	J+ (all detects)	A
IPK3159/CPL0007	12/12/06 (L11031)	Chloroacetaldehyde	23.5	FTF-09D-30 FTF-09D-50	N/A	-
IPL0654/CPL0286 IPL0840/CPL0313	12/19/06 (L19014)	Chloroacetaldehyde	16.73	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50	N/A	-
IPL1330/CPL0497 IPL1331/CPL0498 IPL1332/CPL0499 IPL1538/CPL0521 IPL1533/CPL0522	12/30/06 (L30014)	Chloroacetaldehyde	30.907	FPS-22D-5 FPS-22D-10 FPS-22D-30	N/A	-

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL1330/CPL0497 IPL1331/CPL0498 IPL1332/CPL0499 IPL1538/CPL0521	12/30/06 (L30025)	Chloroacetaldehyde	30.333	FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50	N/A	-
IPL1533/CPL0522	12/30/06 (L30036)	Chloroacetaldehyde	30.994	FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds in all SDGs with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPK3018/CPK0974 IPK3159/CPL0007	12/11/06 (L11009)	Chloroacetaldehyde	16.3	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No aldehyde contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPK1663/CPK0632	C6K1616-BLK1	11/18/06	Acetaldehyde	0.118 mg/Kg	CPA-02D-05 CPA-02D-10 CPA-02D-30
IPK0823/CPK0401 IPK1028/CPK0431	C6K1006-BLK1	11/11/06	Acetaldehyde	0.185 mg/Kg	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10
IPK1861/CPK0659 IPK1865/CPK0658 IPK2022/CPK0698	C6K2401-BLK1	11/27/06	Acetaldehyde	0.0785 ug/L	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50
IPL0654/CPL0286 IPL0840/CPL0313 IPL0289/CPL0169	C6L1322-BLK1	12/18/06	Acetaldehyde Formaldehyde	0.135 mg/Kg 0.731 mg/Kg	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50
IPL1183/CPL0445 IPL1184/CPL0446 IPL1185/CPL0442 IPL1186/CPL0444	C6L1917-BLK1	12/22/06	Acetaldehyde Formaldehyde	0.105 ug/L 0.525 ug/L	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPK2191/CPK0729	C6L0110-BLK1	12/4/06	Acetaldehyde	0.0851 mg/Kg	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10
IPK2846/CPK0952	C6L0503-BLK1	12/8/06	Acetaldehyde	0.157 mg/Kg	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50
IPK3018/CPK0974 IPK3159/CPL0007	C6L0814-BLK1	12/11/06	Acetaldehyde Formaldehyde	0.121 mg/Kg 0.534 mg/Kg	FTF-12D-10 FTF-12D-30 FTF-12D-47 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50
IPL0001/CPL0031 IPL0102/CPL0040	C6L1107-BLK1	12/12/06	Acetaldehyde Formaldehyde	0.118 mg/Kg 0.636 mg/Kg	FTF-10D-10 FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30 FTF-13D-40 FTF-13D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPL1330/CPL0497 IPL1331/CPL0498 IPL1332/CPL0499 IPL1538/CPL0521 IPL1533/CPL0522	C6L2606-BLK1	12/29/06	Acetaldehyde	0.146 mg/Kg	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50
IPL1718/CPL0548 IPL1719/CPL0549 IPL1920/CPL0565 IPL1919/CPL0564	C6L2809-BLK1	12/28/06	Acetaldehyde Formaldehyde	0.170 mg/Kg 0.665 mg/Kg	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50
IPL2026/CPL0665 IPL2028/CPL0671 IPL2029/CPL0669 IPL2030/CPL0672	C6L3004-BLK1	1/3/07	Acetaldehyde	0.127 mg/Kg	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK1663/CPK0632	CPA-02D-05	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK1663/CPK0632	CPA-02D-10	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPK1663/CPK0632	CPA-02D-30	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPK0823/CPK0401	FTF-21D-10	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPK0823/CPK0401	FTF-21D-30	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPK0823/CPK0401	FTF-21D-50	Acetaldehyde	0.17 mg/Kg	0.50U mg/Kg
IPK0823/CPK0401	CPA-01D-05	Acetaldehyde	0.22 mg/Kg	0.50U mg/Kg
IPK0823/CPK0401	CPA-01D-10	Acetaldehyde	0.29 mg/Kg	0.50U mg/Kg
IPK1861/CPK0659	CPA-02D-50	Acetaldehyde	0.075 mg/Kg	0.50U mg/Kg
IPK1861/CPK0659	CPA-10S-0.50	Acetaldehyde	0.080 mg/Kg	0.50U mg/Kg
IPK1861/CPK0659	CPA-10S-05	Acetaldehyde	0.087 mg/Kg	0.50U mg/Kg
IPK1861/CPK0659	CPA-10S-10	Acetaldehyde	0.073 mg/Kg	0.50U mg/Kg
IPK1861/CPK0659	CPA-03D-05	Acetaldehyde	0.10 mg/Kg	0.50U mg/Kg
IPK1861/CPK0659	CPA-03D-10	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK1865/CPK0658	CPA-03D-30	Acetaldehyde	0.076 mg/Kg	0.50U mg/Kg
IPK1865/CPK0658	CPA-03D-50	Acetaldehyde	0.086 mg/Kg	0.50U mg/Kg
IPL0654/CPL0286	FTF-11D-10	Acetaldehyde Formaldehyde	0.10 mg/Kg 0.79 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0840/CPL0313	FTF-11D-30	Acetaldehyde Formaldehyde	0.10 mg/Kg 0.68 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0840/CPL0313	FTF-11D-50	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.68 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0840/CPL0313	FPS-14D-0.5	Acetaldehyde Formaldehyde	0.14 mg/Kg 1.3 mg/Kg	0.50U mg/Kg 1.3U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0840/CPL0313	FPS-14D-05	Acetaldehyde Formaldehyde	0.11 mg/Kg 0.63 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0840/CPL0313	FPS-14D-10	Acetaldehyde Formaldehyde	0.15 mg/Kg 1.2 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0840/CPL0313	FPS-14D-30	Acetaldehyde Formaldehyde	0.11 mg/Kg 0.72 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0840/CPL0313	FPS-14D-50	Acetaldehyde Formaldehyde	0.16 mg/Kg 1.2 mg/Kg	0.50U mg/Kg 1.2U mg/Kg
IPL1183/CPL0445	FPS-9D-0.5	Acetaldehyde Formaldehyde	0.19 mg/Kg 0.53 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1183/CPL0445	FPS-9D-5	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPL1183/CPL0445	FPS-9D-10	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1183/CPL0445	FPS-9D-30	Acetaldehyde	0.88 mg/Kg	0.88U mg/Kg
IPL1186/CPL0444	FPS-16S-0.5	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPL1186/CPL0444	FPS-16S-5	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPL1186/CPL0444	FPS-16S-10	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPK1028/CPK0431	CPA-01D-30	Acetaldehyde	0.18 mg/Kg	0.50U mg/Kg
IPK1028/CPK0431	CPA-01D-50	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPK1028/CPK0431	CPA-09S-0.50	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPK1028/CPK0431	CPA-09S-05	Acetaldehyde	0.18 mg/Kg	0.50U mg/Kg
IPK1028/CPK0431	CPA-09S-10	Acetaldehyde	0.20 mg/Kg	0.50U mg/Kg
IPK2191/CPK0729	CPA-06D-05	Acetaldehyde	0.092 mg/Kg	0.50U mg/Kg
IPK2191/CPK0729	CPA-06D-10	Acetaldehyde	0.092 mg/Kg	0.50U mg/Kg
IPK2191/CPK0729	CPA-06D-30	Acetaldehyde	0.092 mg/Kg	0.50U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK2191/CPK0729	CPA-06D-50	Acetaldehyde	0.093 mg/Kg	0.50U mg/Kg
IPK2191/CPK0729	CPA-12S-0.50	Acetaldehyde	0.092 mg/Kg	0.50U mg/Kg
IPK2191/CPK0729	CPA-12S-05	Acetaldehyde	0.10 mg/Kg	0.50U mg/Kg
IPK2191/CPK0729	CPA-12S-10	Acetaldehyde	0.088 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-07D-05	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-07D-10	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-07D-30	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-07D-50	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-08D-05	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-08D-10	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-08D-30	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPK2846/CPK0952	CPA-08D-50	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPK3018/CPK0974	FTF-12D-10	Acetaldehyde	0.072 mg/Kg	0.50U mg/Kg
IPK3018/CPK0974	FTF-12D-30	Acetaldehyde	0.10 mg/Kg	0.50U mg/Kg
IPK3018/CPK0974	FTF-12D-47	Acetaldehyde	0.10 mg/Kg	0.50U mg/Kg
IPK2022/CPK0698	CPA-04D-05	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK2022/CPK0698	CPA-04D-10	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK2022/CPK0698	CPA-04D-30	Acetaldehyde	0.077 mg/Kg	0.50U mg/Kg
IPK2022/CPK0698	CPA-04D-50	Acetaldehyde	0.072 mg/Kg	0.50U mg/Kg
IPK2022/CPK0698	CPA-05D-05	Acetaldehyde	0.081 mg/Kg	0.50U mg/Kg
IPK3159/CPL0007	FTF-14S-0.5	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPK3159/CPL0007	FTF-14S-05	Acetaldehyde	0.10 mg/Kg	0.50U mg/Kg
IPK3159/CPL0007	FTF-14S-10	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.92 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-16S-0.5	Acetaldehyde Formaldehyde	0.11 mg/Kg 0.55 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-16S-05	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.64 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-16S-10	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK3159/CPL0007	FTF-15S-0.5	Acetaldehyde Formaldehyde	0.15 mg/Kg 0.84 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-15S-05	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK3159/CPL0007	FTF-15S-10	Acetaldehyde Formaldehyde	0.13 mg/Kg 0.61 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-17S-0.5	Acetaldehyde Formaldehyde	0.13 mg/Kg 0.53 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-17S-05	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.64 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-17S-10	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.69 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-09D-10	Acetaldehyde Formaldehyde	0.11 mg/Kg 0.58 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPK3159/CPL0007	FTF-09D-30	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPK3159/CPL0007	FTF-09D-50	Acetaldehyde Formaldehyde	0.080 mg/Kg 0.54 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0001/CPL0031	FTF-10D-10	Acetaldehyde Formaldehyde	0.11 mg/Kg 0.52 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0001/CPL0031	FTF-10D-30	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPL0001/CPL0031	FTF-10D-50	Acetaldehyde Formaldehyde	0.14 mg/Kg 0.54 mg/Kg	0.50U mg/Kg 1.0U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0001/CPL0031	FTF-13D-10	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL0001/CPL0031	FTF-13D-20	Acetaldehyde Formaldehyde	0.15 mg/Kg 0.56 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0001/CPL0031	FTF-13D-30	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPL0102/CPL0040	FTF-13D-40	Acetaldehyde Formaldehyde	0.14 mg/Kg 0.55 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0102/CPL0040	FTF-13D-50	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL0102/CPL0040	FTF-18S-0.5	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPL0102/CPL0040	FTF-18S-05	Acetaldehyde Formaldehyde	0.17 mg/Kg 0.64 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0102/CPL0040	FTF-18S-10	Acetaldehyde Formaldehyde	0.21 mg/Kg 0.79 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0102/CPL0040	FTF-20S-0.5	Acetaldehyde Formaldehyde	0.13 mg/Kg 0.55 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0102/CPL0040	FTF-20S-05	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPL0102/CPL0040	FTF-20S-10	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.53 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0102/CPL0040	FTF-19S-0.5	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPL0102/CPL0040	FTF-19S-05	Acetaldehyde Formaldehyde	0.14 mg/Kg 0.59 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0102/CPL0040	FTF-19S-10	Acetaldehyde Formaldehyde	0.13 mg/Kg 0.55 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0289/CPL0169	FTF-07D-10	Acetaldehyde Formaldehyde	0.10 mg/Kg 0.53 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0289/CPL0169	FTF-07D-30	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.64 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0289/CPL0169	FTF-07D-50	Acetaldehyde Formaldehyde	0.16 mg/Kg 0.88 mg/Kg	0.50U mg/Kg 1.0U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0289/CPL0169	FTF-08D-10	Acetaldehyde Formaldehyde	0.12 mg/Kg 0.70 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0289/CPL0169	FTF-08D-30	Acetaldehyde Formaldehyde	0.10 mg/Kg 0.66 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL0289/CPL0169	FTF-08D-50	Acetaldehyde Formaldehyde	0.11 mg/Kg 0.76 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1330/CPL0497	FPS-22D-5	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPL1330/CPL0497	FPS-22D-10	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPL1330/CPL0497	FPS-22D-30	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1330/CPL0497	FPS-22D-50	Acetaldehyde	0.21 mg/Kg	0.50U mg/Kg
IPL1331/CPL0498	PSS-04S-0.5	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1331/CPL0498	PSS-04S-5	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPL1331/CPL0498	PSS-04S-10	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1331/CPL0498	PSS-04S-20	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1332/CPL0499	FPS-9D-50	Acetaldehyde	0.22 mg/Kg	0.50U mg/Kg
IPL1718/CPL0548	FPS-02D-0.5	Acetaldehyde Formaldehyde	0.15 mg/Kg 0.72 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1718/CPL0548	FPS-02D-5	Acetaldehyde Formaldehyde	0.22 mg/Kg 0.77 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1718/CPL0548	FPS-02D-10	Acetaldehyde Formaldehyde	0.19 mg/Kg 0.67 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1718/CPL0548	FPS-02D-30	Acetaldehyde Formaldehyde	0.15 mg/Kg 0.64 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1718/CPL0548	FPS-02D-50	Acetaldehyde Formaldehyde	0.16 mg/Kg 0.63 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1719/CPL0549	FPS-20D-5	Acetaldehyde Formaldehyde	0.16 mg/Kg 0.62 mg/Kg	0.50U mg/Kg 1.0U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL1719/CPL0549	FPS-20D-10	Acetaldehyde Formaldehyde	0.16 mg/Kg 0.69 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1719/CPL0549	FPS-20D-30	Acetaldehyde Formaldehyde	0.18 mg/Kg 1.4 mg/Kg	0.50U mg/Kg 1.4U mg/Kg
IPL1719/CPL0549	FPS-20D-50	Acetaldehyde Formaldehyde	0.16 mg/Kg 0.65 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1920/CPL0565	FPS-06S-0.5	Acetaldehyde	0.17 mg/Kg	0.50U mg/Kg
IPL1920/CPL0565	FPS-06S-5	Acetaldehyde Formaldehyde	0.19 mg/Kg 0.72 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1920/CPL0565	FPS-06S-10	Acetaldehyde Formaldehyde	0.19 mg/Kg 0.84 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL2026/CPL0665	FPS-21D-5	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPL2026/CPL0665	FPS-21D-10	Acetaldehyde	0.24 mg/Kg	0.50U mg/Kg
IPL2026/CPL0665	FPS-21D-30	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPL2026/CPL0665	FPS-21D-50	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPL2028/CPL0671	FPS-04S-0.5	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPL2028/CPL0671	FPS-04S-5	Acetaldehyde	0.20 mg/Kg	0.50U mg/Kg
IPL2028/CPL0671	FPS-04S-10	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1538/CPL0521	FPS-18D-5	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPL1538/CPL0521	FPS-18D-10	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPL1538/CPL0521	FPS-18D-30	Acetaldehyde	0.13 mg/Kg	0.50U mg/Kg
IPL1538/CPL0521	FPS-18D-50	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPL2029/CPL0669	CPA-11S-0.5	Acetaldehyde	0.10 mg/Kg	0.50U mg/Kg
IPL1533/CPL0522	FPS-08D-0.5	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL1533/CPL0522	FPS-08D-5	Acetaldehyde	0.14 mg/Kg	0.50U mg/Kg
IPL1533/CPL0522	FPS-08D-10	Acetaldehyde	0.15 mg/Kg	0.50U mg/Kg
IPL1533/CPL0522	FPS-08D-30	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg
IPL1533/CPL0522	FPS-08D-50	Acetaldehyde	0.20 mg/Kg	0.50U mg/Kg
IPL2030/CPL0672	FPS-01S-0.5	Acetaldehyde	0.11 mg/Kg	0.50U mg/Kg
IPL2030/CPL0672	FPS-01S-5	Acetaldehyde	0.17 mg/Kg	0.50U mg/Kg
IPL2030/CPL0672	FPS-01S-10	Acetaldehyde	0.16 mg/Kg	0.50U mg/Kg
IPL1919/CPL0564	FPS-19D-5	Formaldehyde	2.0 mg/Kg	2.0U mg/Kg
IPL1919/CPL0564	FPS-19D-10	Acetaldehyde Formaldehyde	0.42 mg/Kg 0.56 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1919/CPL0564	FPS-19D-30	Acetaldehyde Formaldehyde	0.14 mg/Kg 0.67 mg/Kg	0.50U mg/Kg 1.0U mg/Kg
IPL1919/CPL0564	FPS-19D-50	Acetaldehyde	0.12 mg/Kg	0.50U mg/Kg

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were not required by the method.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK1865/CPK0658	CPA-03D-30MS/MSD (CPA-03D-30)	Chloroacetaldehyde	39 (70-130)	62 (70-130)	45 (≤20)	UJ (all non-detects)	A
IPK2191/CPK0729	CPA-06D-05MS/MSD (CPA-06D-05)	Chloroacetaldehyde	131 (70-130)	136 (70-130)	-	N/A	-
IPK2846/CPK0952	CPA-07D-05MS/MSD (CPA-07D-05)	Chloroacetaldehyde	166 (70-130)	150 (70-130)	-	N/A	-
IPL0001/CPL0031	FTF-10D-10MS/MSD (FTF-10D-10)	Chloroacetaldehyde	64 (70-130)	60 (70-130)	-	UJ (all non-detects)	A
IPL0289/CPL0169	FTF-07D-10MS/MSD (FTF-07D-10)	Chloroacetaldehyde	-	64 (70-130)	-	UJ (all non-detects)	A
IPL1718/CPL0548	FPS-02D-0.5MS/MSD (FPS-02D-0.5)	Chloroacetaldehyde	59 (70-130)	54 (70-130)	-	UJ (all non-detects)	A

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits with the following exceptions:

SDG	LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
IPK2191/CPK0729	C6L0110-BS1	Chloroacetaldehyde	147 (70-130)	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10	N/A	-
IPK2846/CPK0952	C6L0503-BS1	Chloroacetaldehyde	131 (70-130)	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	N/A	-

SDG	LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
IPL2026/CPL0665 IPL2028/CPL0671 IPL2029/CPL0669 IPL2030/CPL0672	C6L3004-BS1	Chloroacetaldehyde	135 (70-130)	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Aldehydes - Data Qualification Summary - SDGs IPK0823/CPK0401, IPK1028/CPK0431, IPK1663/CPK0632, IPK1861/CPK0659, IPK1865/CPK0658, IPK2022/CPK0698, IPK2191/CPK0729, IPK2846/CPK0952, IPK3018/CPK0974, IPK3159/CPL0007, IPL0001/CPL0031, IPL0102/CPL0040, IPL0289/CPL0169, IPL0654/CPL0286, IPL0840/CPL0313, IPL1183/CPL0445, IPL1184/CPL0446, IPL1185/CPL0442, IPL1186/CPL0444, IPL1330/CPL0497, IPL1331/CPL0498, IPL1332/CPL0499, IPL1533/CPL0522, IPL1538/CPL0521, IPL1718/CPL0548, IPL1719/CPL0549, IPL1919/CPL0564, IPL1920/CPL0565, IPL2026/CPL0665, IPL2028/CPL0671, IPL2029/CPL0669, IPL2030/CPL0672

SDG	Sample	Compound	Flag	A or P	Reason
IPK2191/CPK0729 IPL1330/CPL0497 IPL1331/CPL0498 IPL1332/CPL0499 IPL2026/CPL0665 IPL2028/CPL0671 IPL1538/CPL0521 IPL2029/CPL0669 IPL1533/CPL0522 IPL2030/CPL0672 IPL1919/CPL0564	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	All TCL compounds	J- (all detects) UJ (all non-detects)	P	Technical holding times
IPK3159/CPL0007	FTF-09D-50	Formaldehyde	J+ (all detects)	A	Continuing calibration (%D)
IPK1865/CPK0658	CPA-03D-30	Chloroacetaldehyde	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)

SDG	Sample	Compound	Flag	A or P	Reason
IPL0001/CPL0031 IPL0289/CPL0169 IPL1718/CPL0548	FTF-10D-10 FTF-07D-10 FPS-02D-0.5	Chloroacetaldehyde	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Aldehydes - Laboratory Blank Data Qualification Summary - SDGs IPK0823/CPK0401, IPK1028/CPK0431, IPK1663/CPK0632, IPK1861/CPK0659, IPK1865/CPK0658, IPK2022/CPK0698, IPK2191/CPK0729, IPK2846/CPK0952, IPK3018/CPK0974, IPK3159/CPL0007, IPL0001/CPL0031, IPL0102/CPL0040, IPL0289/CPL0169, IPL0654/CPL0286, IPL0840/CPL0313, IPL1183/CPL0445, IPL1184/CPL0446, IPL1185/CPL0442, IPL1186/CPL0444, IPL1330/CPL0497, IPL1331/CPL0498, IPL1332/CPL0499, IPL1533/CPL0522, IPL1538/CPL0521, IPL1718/CPL0548, IPL1719/CPL0549, IPL1919/CPL0564, IPL1920/CPL0565, IPL2026/CPL0665, IPL2028/CPL0671, IPL2029/CPL0669, IPL2030/CPL0672

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK1663/CPK0632	CPA-02D-05	Acetaldehyde	0.50U mg/Kg	A
IPK1663/CPK0632	CPA-02D-10	Acetaldehyde	0.50U mg/Kg	A
IPK1663/CPK0632	CPA-02D-30	Acetaldehyde	0.50U mg/Kg	A
IPK0823/CPK0401	FTF-21D-10	Acetaldehyde	0.50U mg/Kg	A
IPK0823/CPK0401	FTF-21D-30	Acetaldehyde	0.50U mg/Kg	A
IPK0823/CPK0401	FTF-21D-50	Acetaldehyde	0.50U mg/Kg	A
IPK0823/CPK0401	CPA-01D-05	Acetaldehyde	0.50U mg/Kg	A
IPK0823/CPK0401	CPA-01D-10	Acetaldehyde	0.50U mg/Kg	A
IPK1861/CPK0659	CPA-02D-50	Acetaldehyde	0.50U mg/Kg	A
IPK1861/CPK0659	CPA-10S-0.50	Acetaldehyde	0.50U mg/Kg	A
IPK1861/CPK0659	CPA-10S-05	Acetaldehyde	0.50U mg/Kg	A
IPK1861/CPK0659	CPA-10S-10	Acetaldehyde	0.50U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK1861/CPK0659	CPA-03D-05	Acetaldehyde	0.50U mg/Kg	A
IPK1861/CPK0659	CPA-03D-10	Acetaldehyde	0.50U mg/Kg	A
IPK1865/CPK0658	CPA-03D-30	Acetaldehyde	0.50U mg/Kg	A
IPK1865/CPK0658	CPA-03D-50	Acetaldehyde	0.50U mg/Kg	A
IPL0654/CPL0286	FTF-11D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0840/CPL0313	FTF-11D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0840/CPL0313	FTF-11D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0840/CPL0313	FPS-14D-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.3U mg/Kg	A
IPL0840/CPL0313	FPS-14D-05	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0840/CPL0313	FPS-14D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0840/CPL0313	FPS-14D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0840/CPL0313	FPS-14D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.2U mg/Kg	A
IPL1183/CPL0445	FPS-9D-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1183/CPL0445	FPS-9D-5	Acetaldehyde	0.50U mg/Kg	A
IPL1183/CPL0445	FPS-9D-10	Acetaldehyde	0.50U mg/Kg	A
IPL1183/CPL0445	FPS-9D-30	Acetaldehyde	0.88U mg/Kg	A
IPL1186/CPL0444	FPS-16S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL1186/CPL0444	FPS-16S-5	Acetaldehyde	0.50U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL1186/CPL0444	FPS-16S-10	Acetaldehyde	0.50U mg/Kg	A
IPK1028/CPK0431	CPA-01D-30	Acetaldehyde	0.50U mg/Kg	A
IPK1028/CPK0431	CPA-01D-50	Acetaldehyde	0.50U mg/Kg	A
IPK1028/CPK0431	CPA-09S-0.50	Acetaldehyde	0.50U mg/Kg	A
IPK1028/CPK0431	CPA-09S-05	Acetaldehyde	0.50U mg/Kg	A
IPK1028/CPK0431	CPA-09S-10	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-06D-05	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-06D-10	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-06D-30	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-06D-50	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-12S-0.50	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-12S-05	Acetaldehyde	0.50U mg/Kg	A
IPK2191/CPK0729	CPA-12S-10	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-07D-05	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-07D-10	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-07D-30	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-07D-50	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-08D-05	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-08D-10	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-08D-30	Acetaldehyde	0.50U mg/Kg	A
IPK2846/CPK0952	CPA-08D-50	Acetaldehyde	0.50U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK3018/CPK0974	FTF-12D-10	Acetaldehyde	0.50U mg/Kg	A
IPK3018/CPK0974	FTF-12D-30	Acetaldehyde	0.50U mg/Kg	A
IPK3018/CPK0974	FTF-12D-47	Acetaldehyde	0.50U mg/Kg	A
IPK2022/CPK0698	CPA-04D-05	Acetaldehyde	0.50U mg/Kg	A
IPK2022/CPK0698	CPA-04D-10	Acetaldehyde	0.50U mg/Kg	A
IPK2022/CPK0698	CPA-04D-30	Acetaldehyde	0.50U mg/Kg	A
IPK2022/CPK0698	CPA-04D-50	Acetaldehyde	0.50U mg/Kg	A
IPK2022/CPK0698	CPA-05D-05	Acetaldehyde	0.50U mg/Kg	A
IPK3159/CPL0007	FTF-14S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPK3159/CPL0007	FTF-14S-05	Acetaldehyde	0.50U mg/Kg	A
IPK3159/CPL0007	FTF-14S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-16S-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-16S-05	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-16S-10	Acetaldehyde	0.50U mg/Kg	A
IPK3159/CPL0007	FTF-15S-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-15S-05	Acetaldehyde	0.50U mg/Kg	A
IPK3159/CPL0007	FTF-15S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-17S-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-17S-05	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPK3159/CPL0007	FTF-17S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-09D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPK3159/CPL0007	FTF-09D-30	Acetaldehyde	0.50U mg/Kg	A
IPK3159/CPL0007	FTF-09D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0001/CPL0031	FTF-10D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0001/CPL0031	FTF-10D-30	Acetaldehyde	0.50U mg/Kg	A
IPL0001/CPL0031	FTF-10D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0001/CPL0031	FTF-13D-10	Acetaldehyde	0.50U mg/Kg	A
IPL0001/CPL0031	FTF-13D-20	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0001/CPL0031	FTF-13D-30	Acetaldehyde	0.50U mg/Kg	A
IPL0102/CPL0040	FTF-13D-40	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0102/CPL0040	FTF-13D-50	Acetaldehyde	0.50U mg/Kg	A
IPL0102/CPL0040	FTF-18S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL0102/CPL0040	FTF-18S-05	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0102/CPL0040	FTF-18S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0102/CPL0040	FTF-20S-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0102/CPL0040	FTF-20S-05	Acetaldehyde	0.50U mg/Kg	A
IPL0102/CPL0040	FTF-20S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL0102/CPL0040	FTF-19S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL0102/CPL0040	FTF-19S-05	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0102/CPL0040	FTF-19S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0289/CPL0169	FTF-07D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0289/CPL0169	FTF-07D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0289/CPL0169	FTF-07D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0289/CPL0169	FTF-08D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0289/CPL0169	FTF-08D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL0289/CPL0169	FTF-08D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1330/CPL0497	FPS-22D-5	Acetaldehyde	0.50U mg/Kg	A
IPL1330/CPL0497	FPS-22D-10	Acetaldehyde	0.50U mg/Kg	A
IPL1330/CPL0497	FPS-22D-30	Acetaldehyde	0.50U mg/Kg	A
IPL1330/CPL0497	FPS-22D-50	Acetaldehyde	0.50U mg/Kg	A
IPL1331/CPL0498	PSS-04S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL1331/CPL0498	PSS-04S-5	Acetaldehyde	0.50U mg/Kg	A
IPL1331/CPL0498	PSS-04S-10	Acetaldehyde	0.50U mg/Kg	A
IPL1331/CPL0498	PSS-04S-20	Acetaldehyde	0.50U mg/Kg	A
IPL1332/CPL0499	FPS-9D-50	Acetaldehyde	0.50U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL1718/CPL0548	FPS-02D-0.5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1718/CPL0548	FPS-02D-5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1718/CPL0548	FPS-02D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1718/CPL0548	FPS-02D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1718/CPL0548	FPS-02D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1719/CPL0549	FPS-20D-5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1719/CPL0549	FPS-20D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1719/CPL0549	FPS-20D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.4U mg/Kg	A
IPL1719/CPL0549	FPS-20D-50	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1920/CPL0565	FPS-06S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL1920/CPL0565	FPS-06S-5	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1920/CPL0565	FPS-06S-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL2026/CPL0665	FPS-21D-5	Acetaldehyde	0.50U mg/Kg	A
IPL2026/CPL0665	FPS-21D-10	Acetaldehyde	0.50U mg/Kg	A
IPL2026/CPL0665	FPS-21D-30	Acetaldehyde	0.50U mg/Kg	A
IPL2026/CPL0665	FPS-21D-50	Acetaldehyde	0.50U mg/Kg	A
IPL2028/CPL0671	FPS-04S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL2028/CPL0671	FPS-04S-5	Acetaldehyde	0.50U mg/Kg	A

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL2028/CPL0671	FPS-04S-10	Acetaldehyde	0.50U mg/Kg	A
IPL1538/CPL0521	FPS-18D-5	Acetaldehyde	0.50U mg/Kg	A
IPL1538/CPL0521	FPS-18D-10	Acetaldehyde	0.50U mg/Kg	A
IPL1538/CPL0521	FPS-18D-30	Acetaldehyde	0.50U mg/Kg	A
IPL1538/CPL0521	FPS-18D-50	Acetaldehyde	0.50U mg/Kg	A
IPL2029/CPL0669	CPA-11S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL1533/CPL0522	FPS-08D-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL1533/CPL0522	FPS-08D-5	Acetaldehyde	0.50U mg/Kg	A
IPL1533/CPL0522	FPS-08D-10	Acetaldehyde	0.50U mg/Kg	A
IPL1533/CPL0522	FPS-08D-30	Acetaldehyde	0.50U mg/Kg	A
IPL1533/CPL0522	FPS-08D-50	Acetaldehyde	0.50U mg/Kg	A
IPL2030/CPL0672	FPS-01S-0.5	Acetaldehyde	0.50U mg/Kg	A
IPL2030/CPL0672	FPS-01S-5	Acetaldehyde	0.50U mg/Kg	A
IPL2030/CPL0672	FPS-01S-10	Acetaldehyde	0.50U mg/Kg	A
IPL1919/CPL0564	FPS-19D-5	Formaldehyde	2.0U mg/Kg	A
IPL1919/CPL0564	FPS-19D-10	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1919/CPL0564	FPS-19D-30	Acetaldehyde Formaldehyde	0.50U mg/Kg 1.0U mg/Kg	A
IPL1919/CPL0564	FPS-19D-50	Acetaldehyde	0.50U mg/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Aldehydes - Field Blank Data Qualification Summary - SDGs IPK0823/CPK0401, IPK1028/CPK0431, IPK1663/CPK0632, IPK1861/CPK0659, IPK1865/CPK0658, IPK2022/CPK0698, IPK2191/CPK0729, IPK2846/CPK0952, IPK3018/CPK0974, IPK3159/CPL0007, IPL0001/CPL0031, IPL0102/CPL0040, IPL0289/CPL0169, IPL0654/CPL0286, IPL0840/CPL0313, IPL1183/CPL0445, IPL1184/CPL0446, IPL1185/CPL0442, IPL1186/CPL0444, IPL1330/CPL0497, IPL1331/CPL0498, IPL1332/CPL0499, IPL1533/CPL0522, IPL1538/CPL0521, IPL1718/CPL0548, IPL1719/CPL0549, IPL1919/CPL0564, IPL1920/CPL0565, IPL2026/CPL0665, IPL2028/CPL0671, IPL2029/CPL0669, IPL2030/CPL0672

No Sample Data Qualified in these SDGs

ATTACHMENT L2

Aldehydes Water Data Validation Report

Aldehydes by EPA SW 846 Method 8315A

I. Technical Holding Times

All technical holding time requirements were met with the following exceptions:

SDG	Sample	Compound	Total Days From Sample Collection Until Extraction	Required Holding Time (in Days) From Sample Collection Until Extraction	Flag	A or P
IPL0290/CPL0167	FTF-07D-GW	Chloroacetaldehyde	13	3	R (all non-detects)	A
IPL0841/CPL0314	FTF-11D-GW	Acetaldehyde Formaldehyde	7	3	J- (all detects) R (all non-detects)	P
IPL0841/CPL0314	FTF-11D-GW	Chloroacetaldehyde	14	3	R (all non-detects)	P

Non-detected sample concentrations were qualified as unusable (R) due to a gross exceedance (>2X) of holding time.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all compounds.

b. Calibration Verification

Calibration verification was performed at required frequencies with the following exceptions:

SDG	Sample	Compound	Finding	Criteria	Flag	A or P
IPK3019/CPK1001	FTF-12D-GW	Chloroacetaldehyde	Continuing calibration was not performed for this compound.	Continuing calibration must be performed for each compound.	R (all non-detects)	P

The percent differences (%D) of calibration factors in continuing standard mixtures were less than or equal to 15.0% with the following exceptions:

SDG	Date	Compound	%D	Associated Samples	Flag	A or P
IPL0290/CPL0167	12/19/06	Chloroacetaldehyde	19.3	FTF-07D-GW	N/A	-

For the result above flagged Not Applicable (N/A), the affected compound was not detected in the associated samples and did not warrant qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds in SDGs IPK3019/CPK1001 and IPL0003/CPL0037.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No aldehyde contaminants were found in the method blanks with the following exceptions:

SDG	Method Blank ID	Extraction Date	Compound	Concentration	Associated Samples
IPL0290/CPL0167	C6L0703-BLK1	12/7/06	Acetaldehyde	7.16 ug/L	FTF-07D-GW
IPL0841/CPL0314	C6L1106-BLK1	12/14/06	Acetaldehyde	7.19 ug/L	FTF-11D-GW

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Compound TIC (RT in minutes)	Reported Concentration	Modified Final Concentration
IPL0290/CPL0167	FTF-07D-GW	Acetaldehyde	11 ug/L	30U ug/L
IPL0841/CPL0314	FTF-11D-GW	Acetaldehyde	9.9 ug/L	30U ug/L

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were not required by the method.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits,

The laboratory has indicated that for chloroacetaldehyde in SDG IPK3019/CPK1001 there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable with the following exceptions:

SDG	Sample	Compound	Finding	Criteria	Flag	A or P
IPK3019/CPK1001	FTF-12D-GW	Chloroacetaldehyde	No LCS analysis associated with these samples.	LCS analysis required.	UJ (all non-detects)	P

The sample is qualified as estimated (UJ) due to the lack of associated laboratory control samples, matrix spikes and matrix spike duplicates.

Percent recoveries (%R) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Aldehydes - Data Qualification Summary - SDGs IPK3019/CPK1001, IPL0003/CPL0037, IPL0290/CPL0167, IPL0841/CPL0314

SDG	Sample	Compound	Flag	A or P	Reason
IPL0290/CPL0167 IPL0841/CPL0314	FTF-07D-GW FTF-11D-GW	Chloroacetaldehyde	R (all non-detects)	A	Technical holding times
IPL0841/CPL0314	FTF-11D-GW	Acetaldehyde Formaldehyde	J- (all detects) R (all non-detects)	P	Technical holding times
IPK3019/CPK1001	FTF-12D-GW	Chloroacetaldehyde	R (all non-detects)	P	Continuing calibration

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Aldehydes - Laboratory Blank Data Qualification Summary - SDGs IPK3019/CPK1001, IPL0003/CPL0037, IPL0290/CPL0167, IPL0841/CPL0314

SDG	Sample	Compound TIC (RT in minutes)	Modified Final Concentration	A or P
IPL0290/CPL0167	FTF-07D-GW	Acetaldehyde	30U ug/L	A
IPL0841/CPL0314	FTF-11D-GW	Acetaldehyde	30U ug/L	A

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Aldehydes - Field Blank Data Qualification Summary - SDGs IPK3019/CPK1001, IPL0003/CPL0037, IPL0290/CPL0167, IPL0841/CPL0314

No Sample Data Qualified in these SDGs

ATTACHMENT M

White Phosphorus Data Validation Report

White Phosphorus by EPA SW 846 Method 7580

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990 .

b. Calibration Verification

Calibration verification was performed at the required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were less than or equal to 15.0% .

The percent difference (%D) of the second source calibration standard were less than or equal to 15.0% for all compounds.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No white phosphorus was found in the method blanks.

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were not required by the method.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
White Phosphorus - Data Qualification Summary - SDGs IPK0823/06E-0780-02, IPK1028/06E-0780-01, IPK1663/06E-0812-01, IPK1861/06E-0813-01, IPK1865/06E-0814-01, IPK2022/06E-0816-01, IPK2191/06E-0815-01, IPK2846/06E-0829-01, IPL0840/06E-0859-01, IPL1183/06E-0885-01, IPL1184/06E-0869-01, IPL1185/06E-0870-01, IPL1186/06E-0868-01, IPL1330/06E-0871-01, IPL1331/06E-0887-01, IPL1332/06E-0886-01, IPL1533/06E-0890-01, IPL1538/06E-0883-01, IPL1718/06E-0888-01, IPL1719/06E-0889-01, IPL1919/06E-0882-01, PL1920/06E-0884-01, IPL2026/06E-0881-01, IPL2028/06E-0893-01, IPL2029/06E-0892-01, IPL2030/06E-0891-01

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
White Phosphorus - Laboratory Blank Data Qualification Summary - SDGs IPK0823/06E-0780-02, IPK1028/06E-0780-01, IPK1663/06E-0812-01, IPK1861/06E-0813-01, IPK1865/06E-0814-01, IPK2022/06E-0816-01, IPK2191/06E-0815-01, IPK2846/06E-0829-01, IPL0840/06E-0859-01, IPL1183/06E-0885-01, IPL1184/06E-0869-01, IPL1185/06E-0870-01, IPL1186/06E-0868-01, IPL1330/06E-0871-01, IPL1331/06E-0887-01, IPL1332/06E-0886-01, IPL1533/06E-0890-01, IPL1538/06E-0883-01, IPL1718/06E-0888-01, IPL1719/06E-0889-01, IPL1919/06E-0882-01, PL1920/06E-0884-01, IPL2026/06E-0881-01, IPL2028/06E-0893-01, IPL2029/06E-0892-01, IPL2030/06E-0891-01

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
White Phosphorus - Field Blank Data Qualification Summary - SDGs IPK0823/06E-0780-02, IPK1028/06E-0780-01, IPK1663/06E-0812-01, IPK1861/06E-0813-01, IPK1865/06E-0814-01, IPK2022/06E-0816-01, IPK2191/06E-0815-01, IPK2846/06E-0829-01, IPL0840/06E-0859-01, IPL1183/06E-0885-01, IPL1184/06E-0869-01, IPL1185/06E-0870-01, IPL1186/06E-0868-01, IPL1330/06E-0871-01, IPL1331/06E-0887-01, IPL1332/06E-0886-01, IPL1533/06E-0890-01, IPL1538/06E-0883-01, IPL1718/06E-0888-01, IPL1719/06E-0889-01, IPL1919/06E-0882-01, PL1920/06E-0884-01, IPL2026/06E-0881-01, IPL2028/06E-0893-01, IPL2029/06E-0892-01, IPL2030/06E-0891-01

No Sample Data Qualified in these SDGs

ATTACHMENT N1

Organic acids Soil Data Validation Report

Organic Acids by HPLC Method

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990 for these SDGs.

b. Calibration Verification

Calibration verification was performed at the required frequencies.

The percent recoveries (%R) of amounts in continuing standard mixtures were within the 80-120% QC limits with the following exceptions:

SDG	Date	Standard ID	Compound	%R	Associated Samples	Flag	A or P
IPK1861/TAC06111757 IPK2022/TAC06112025	12/11/06	B5277001.D21	Dimethyl phosphorodithioic acid Benzenesulfonic acid Phthalic acid Diethyl phosphorodithioic acid 4-Chlorobenzenesulfonic acid	121.9 128.1 131.7 122.5 133.2	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-04D-05 CPA-04D-10	N/A	-
IPK2191/TAC06112109 IPK2846/TAC06112952	12/14/06	B5375001.010	Dimethyl phosphorodithioic acid	124.3	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-30	N/A	-

SDG	Date	Standard ID	Compound	%R	Associated Samples	Flag	A or P
IPK3159/TAC06120156	12/20/06	B5524001.D51	Diethyl phosphorodithioic acid	79.7	FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50	UJ (all non-detects)	A
IPL0102/TAC06120654 IPL1332/TAC06121504 IPL2029/TAC06122007	12/21/06	B5568001.D21	Benzene sulfonic acid	122.5	FTF-13D-40 FPS-9D-50 CPA-11S-0.5	N/A	-

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent recoveries (%R) of the second source calibration standard were within the 70-130% QC limits.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No organic acid contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were not required by the method.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Organic Acids - Data Qualification Summary - SDGs IPK0823/TAC06110904, IPK1028/TAC06111006, IPK1663/TAC06111642, IPK1861/TAC06111757, IPK1865/TAC06111756, IPK2022/TAC06112025, IPK2191/TAC06112109, IPK2846/TAC06112952, IPK3018/TAC06113003, IPK3159/TAC06120156, IPL0001/TAC06120426, IPL0102/TAC06120654, IPL0289/TAC06120723, IPL0654/TAC06120806, IPL0840/TAC06121105, IPL1183/TAC06121321, IPL1184/TAC06121322, IPL1185/TAC06121323, IPL1186/TAC06121324, IPL1330/TAC06121551, IPL1331/TAC06121522, IPL1332/TAC06121504, IPL1533/TAC06121555, IPL1538/TAC06121527, IPL1718/TAC06121825, IPL1719/TAC06121826, IPL1919/TAC06122003, IPL1920/TAC06122002, IPL2026/TAC06122029, IPL2028/TAC06122030, IPL2029/TAC06122007, IPL2030/TAC06122031

SDG	Sample	Compound	Flag	A or P	Reason
IPK3159/TAC06120156	FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50	Diethyl phosphorodithioic acid	UJ (all non-detects)	A	Continuing calibration (%D)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Organic Acids - Laboratory Blank Data Qualification Summary - SDGs IPK0823/TAC06110904, IPK1028/TAC06111006, IPK1663/TAC06111642, IPK1861/TAC06111757, IPK1865/TAC06111756, IPK2022/TAC06112025, IPK2191/TAC06112109, IPK2846/TAC06112952, IPK3018/TAC06113003, IPK3159/TAC06120156, IPL0001/TAC06120426, IPL0102/TAC06120654, IPL0289/TAC06120723, IPL0654/TAC06120806, IPL0840/TAC06121105, IPL1183/TAC06121321, IPL1184/TAC06121322, IPL1185/TAC06121323, IPL1186/TAC06121324, IPL1330/TAC06121551, IPL1331/TAC06121522, IPL1332/TAC06121504, IPL1533/TAC06121555, IPL1538/TAC06121527, IPL1718/TAC06121825, IPL1719/TAC06121826, IPL1919/TAC06122003, IPL1920/TAC06122002, IPL2026/TAC06122029, IPL2028/TAC06122030, IPL2029/TAC06122007, IPL2030/TAC06122031

No Sample Data Qualified in these SDGs

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Organic Acids - Field Blank Data Qualification Summary - SDGs IPK0823/TAC06110904, IPK1028/TAC06111006, IPK1663/TAC06111642, IPK1861/TAC06111757, IPK1865/TAC06111756, IPK2022/TAC06112025, IPK2191/TAC06112109, IPK2846/TAC06112952, IPK3018/TAC06113003, IPK3159/TAC06120156, IPL0001/TAC06120426, IPL0102/TAC06120654, IPL0289/TAC06120723, IPL0654/TAC06120806, IPL0840/TAC06121105, IPL1183/TAC06121321, IPL1184/TAC06121322, IPL1185/TAC06121323, IPL1186/TAC06121324, IPL1330/TAC06121551, IPL1331/TAC06121522, IPL1332/TAC06121504, IPL1533/TAC06121555, IPL1538/TAC06121527, IPL1718/TAC06121825, IPL1719/TAC06121826, IPL1919/TAC06122003, IPL1920/TAC06122002, IPL2026/TAC06122029, IPL2028/TAC06122030, IPL2029/TAC06122007, IPL2030/TAC06122031

No Sample Data Qualified in these SDGs

ATTACHMENT N2

Organic Acids Water Data Validation Report

Organic Acids by HPLC Method

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

Initial calibration of compounds was performed as required by the method.

A curve fit, based on the initial calibration, was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990 .

b. Calibration Verification

Calibration verification was performed at the required frequencies.

The percent recoveries (%R) of amounts in continuing standard mixtures were within the 80-120% QC limits.

The percent recoveries (%R) of the second source calibration standard were within the 70-130% QC limits.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No organic acid contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

IV. Accuracy and Precision Data

a. Surrogate Recovery

Surrogates were not required by the method.

b. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

c. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

V. Target Compound Identification

All target compound identifications were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VI. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VII. System Performance

The system performance was acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Organic Acids - Data Qualification Summary - SDGs IPK3019/TAC06120158, IPL0003/TAC06120554 , IPL0290/TAC06120722, IPL0841/TAC06121107

No Sample Data Qualified in this SDG

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Organic Acids - Laboratory Blank Data Qualification Summary - SDGs IPK3019/TAC06120158, IPL0003/TAC06120554 , IPL0290/TAC06120722, IPL0841/TAC06121107

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Organic Acids - Field Blank Data Qualification Summary - SDGs IPK3019/TAC06120158, IPL0003/TAC06120554 , IPL0290/TAC06120722, IPL0841/TAC06121107

No Sample Data Qualified in these SDGs

ATTACHMENT O1

Metals Soil Data Validation Report

Metals by EPA SW 846 Methods 6010B, 6020, and 7471A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

An initial calibration was performed.

The frequency and analysis criteria of the initial calibration verification (ICV) and continuing calibration verification (CCV) were met with the following exceptions:

SDG	Date	Lab. Reference/ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPL0654	12/21/06	CCV (07:05)	Phosphorus	88 (90-110)	FTF-11D-10	J- (all detects)	P

III. Blanks

Method blanks were reviewed for each matrix as applicable. No contaminant concentrations were found in the initial, continuing and preparation blanks with the following exceptions:

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPK1663 IPK1861 IPK1865	PB (prep blank)	Calcium Chromium Iron	20.8 mg/Kg 0.717 mg/Kg 3.02 mg/Kg	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPK1663 IPK1861 IPK1865	ICB/CCB	Antimony Lithium Sodium Boron	0.327 ug/L 37.0 ug/L 315 ug/L 16.0 ug/L	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50
IPK0823	PB (prep blank)	Calcium Chromium Iron Molybdenum Zinc	7.44 mg/Kg 0.470 mg/Kg 3.16 mg/Kg 0.137 mg/Kg 1.34 mg/Kg	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10
IPK0823	ICB/CCB	Antimony Arsenic Molybdenum Potassium Boron	0.148 ug/L 0.744 ug/L 0.21 ug/L 260 ug/L 18 ug/L	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10
IPL0654 IPL0840	PB (prep blank)	Barium Iron Magnesium Zinc	0.0830 mg/Kg 1.52 mg/Kg 2.92 mg/Kg 8.21 mg/Kg	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50
IPL0654	ICB/CCB	Antimony Arsenic Potassium	0.16 ug/L 0.867 ug/L 283 ug/L	FTF-11D-10
IPL0840	ICB/CCB	Iron Magnesium Sodium Titanium Boron	14 ug/L 44 ug/L 241 ug/L 4 ug/L 12 ug/L	FPS-14D-30 FPS-14D-50
IPL0840	ICB/CCB	Antimony Arsenic	0.16 ug/L 0.867 ug/L	FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPL1183 IPL1184 IPL1185 IPL1186	PB (prep blank)	Calcium Copper Selenium	38.8 mg/Kg 0.202 mg/Kg 0.540 mg/Kg	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10
IPL1183	ICB/CCB	Antimony Copper Molybdenum	0.353 ug/L 0.868 ug/L 0.29 ug/L	FPS-9D-30
IPL1183 IPL1184 IPL1185 IPL1186	ICB/CCB	Boron	17 ug/L	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10
IPL1183 IPL1184 IPL1185 IPL1186	ICB/CCB	Antimony Copper Molybdenum	0.295 ug/L 0.784 ug/L 0.238 ug/L	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10
IPK1028	PB (prep blank)	Magnesium Molybdenum Sodium Zinc	2.02 mg/Kg 0.145 mg/Kg 24.1 mg/Kg 1.48 mg/Kg	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10
IPK1028	ICB/CCB	Arsenic	1.188 ug/L	CPA-01D-30 CPA-01D-50

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPK1028	ICB/CCB	Magnesium Potassium Boron	13 ug/L 373 ug/L 8 ug/L	CPA-01D-30 CPA-09S-0.50 CPA-09S-05 CPA-09S-10
IPK1028	ICB/CCB	Antimony Molybdenum Vanadium	0.297 ug/L 0.247 ug/L 0.914 ug/L	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10
IPK1028	ICB/CCB	Magnesium	10 ug/L	CPA-01D-50
IPK2191	PB (prep blank)	Calcium Iron Magnesium Boron	10.4 mg/Kg 3.93 mg/Kg 2.57 mg/Kg 4.65 mg/Kg	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10
IPK2191	ICB/CCB	Antimony Arsenic Potassium Boron	0.195 ug/L 0.555 ug/L 233 ug/L 19 ug/L	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10
IPK2846	PB (prep blank)	Calcium Chromium Molybdenum Tin	7.06 mg/Kg 0.441 mg/Kg 0.102 mg/Kg 1.31 mg/Kg	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50
IPK2846	ICB/CCB	Antimony Arsenic Molybdenum Boron	0.126 ug/L 0.5 ug/L 0.247 ug/L 9 ug/L	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50
IPK3018	PB (prep blank)	Arsenic Calcium Chromium Magnesium Potassium Sodium	0.275 mg/Kg 17.2 mg/Kg 0.800 mg/Kg 3.49 mg/Kg 41.9 mg/Kg 31.7 mg/Kg	FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47
IPK3018	ICB/CCB	Magnesium Boron	15 ug/L 8 ug/L	FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-47

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPK3018	ICB/CCB	Boron	8 ug/L	FTF-12D-40
IPK2022	PB (prep blank)	Calcium Chromium Iron Magnesium	11.1 mg/Kg 0.926 mg/Kg 2.47 mg/Kg 1.88 mg/Kg	CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50
IPK2022	ICB/CCB	Antimony Magnesium Potassium Titanium Boron	0.195 ug/L 12 ug/L 230 ug/L 2 ug/L 27 ug/L	CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50
IPK3159	PB (prep blank)	Barium Calcium Iron Lithium Magnesium Sodium Titanium	0.110 mg/Kg 8.46 mg/Kg 3.14 mg/Kg 5.19 mg/Kg 1.81 mg/Kg 27.6 mg/Kg 0.230 mg/Kg	FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50
IPK3159	ICB/CCB	Arsenic Molybdenum	0.728 ug/L 0.217 ug/L	FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPK3159	ICB/CCB	Lithium Potassium Boron	60 ug/L 163 ug/L 15 ug/L	FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-50
IPK3159	ICB/CCB	Magnesium Potassium Sodium Boron	8 ug/L 356 ug/L 201 ug/L 11 ug/L	FTF-09D-30 FTF-14S-0.5
IPL0001	PB (prep blank)	Antimony Boron	0.0685 ug/L 3.50 ug/L	FTF-10D-10 FTF-10D-30 FTF-10D-50
IPL0001	ICB/CCB	Antimony Arsenic Calcium Molybdenum Boron	0.153 ug/L 0.691 ug/L 73 ug/L 0.263 ug/L 18 ug/L	FTF-10D-10 FTF-10D-30 FTF-10D-50
IPL0102	PB (prep blank)	Arsenic Barium Calcium Chromium	0.399 mg/Kg 0.0920 mg/Kg 7.08 mg/Kg 0.684 mg/Kg	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10
IPL0102	ICB/CCB	Antimony Arsenic Molybdenum	0.153 ug/L 0.525 ug/L 0.246 ug/L	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10
IPL0102	ICB/CCB	Iron Magnesium Potassium Titanium Boron	13 ug/L 12 ug/L 176 ug/L 2 ug/L 12 ug/L	FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPL0102	ICB/CCB	Potassium Boron	163 ug/L 29 ug/L	FTF-18S-0.5
IPL0289	PB (prep blank)	Calcium Magnesium Titanium Boron	7.22 mg/Kg 1.71 mg/Kg 0.350 mg/Kg 1.11 mg/Kg	FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50
IPL0289	ICB/CCB	Antimony Arsenic Magnesium Molybdenum	0.153 ug/L 1.021 ug/L 14 ug/L 0.246 ug/L	FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	PB (prep blank)	Antimony Calcium Chromium Manganese Molybdenum Thallium Zinc	0.136 mg/Kg 7.25 mg/Kg 0.641 mg/Kg 0.518 mg/Kg 0.273 mg/Kg 0.110 mg/Kg 2.28 mg/Kg	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50
IPL1330 IPL1538	ICB/CCB	Antimony Arsenic Molybdenum Vanadium	0.46 ug/L 0.551 ug/L 0.244 ug/L 1.008 ug/L	FPS-22D-5 FPS-22D-50 FPS-18D-50
IPL1330 IPL1331 IPL1332	ICB/CCB	Antimony Arsenic Chromium Lead Molybdenum	0.14 ug/L 3.198 ug/L 0.85 ug/L 0.381 ug/L 0.304 ug/L	FPS-22D-10 FPS-22D-30 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20
IPL1718	ICB/CCB	Antimony Arsenic Iron Molybdenum Vanadium	0.46 mg/Kg 0.843 mg/Kg 15 mg/Kg 0.314 mg/Kg 1.398 mg/Kg	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50
IPL1719	ICB/CCB	Antimony Arsenic Iron Molybdenum Vanadium Boron	0.46 ug/L 0.843 ug/L 15 ug/L 0.314 ug/L 1.398 ug/L 11 ug/L	FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPL1920 IPL1919	PB (prep blank)	Calcium Chromium Iron Magnesium Potassium Titanium	6.78 mg/Kg 0.834 mg/Kg 2.74 mg/Kg 5.13 mg/Kg 35.0 mg/Kg 0.315 mg/Kg	FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50
IPL1920	ICB/CCB	Antimony Chromium Iron Magnesium Molybdenum Potassium Titanium Vanadium Boron	0.117 ug/L 0.859 ug/L 21 ug/L 32 ug/L 0.254 ug/L 340 ug/L 2 ug/L 1.212 ug/L 11 ug/L	FPS-06S-0.5 FPS-06S-5 FPS-06S-10
IPL2026 IPL2028 IPL2029 IPL2030	PB (prep blank)	Arsenic Cadmium Calcium Magnesium Manganese Potassium	0.260 mg/Kg 0.0735 mg/Kg 11.2 mg/Kg 3.05 mg/Kg 0.398 mg/Kg 39.3 mg/Kg	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10
IPL2026 IPL2030	ICB/CCB	Antimony Arsenic Cadmium Calcium Iron Magnesium Molybdenum Potassium Sodium Titanium Boron	0.18 ug/L 0.708 ug/L 0.082 ug/L 70 ug/L 21 ug/L 19 ug/L 0.316 ug/L 340 ug/L 447 ug/L 2 ug/L 41 ug/L	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10
IPL2026	ICB/CCB	Beryllium	0.112 ug/L	FPS-21D-5 FPS-21D-10 FPS-21D-30
IPL2026 IPL2030	ICB/CCB	Beryllium	0.118 ug/L	FPS-21D-50 FPS-01S-0.5 FPS-01S-5
IPL2028 IPL2029	ICB/CCB	Antimony Arsenic Beryllium Cadmium Calcium Magnesium Molybdenum Potassium Sodium Titanium Boron	0.18 ug/L 0.708 ug/L 0.118 ug/L 0.082 ug/L 70 ug/L 19 ug/L 0.316 ug/L 340 ug/L 447 ug/L 2 ug/L 41 ug/L	FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPL1538 IPL1533	ICB/CCB	Antimony Arsenic Chromium Lead Molybdenum	0.14 ug/L 3.198 ug/L 0.85 ug/L 0.394 ug/L 0.304 ug/L	FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50
IPL2030	ICB/CCB	Beryllium	0.102 ug/L	FPS-01S-10
IPL1919	ICB/CCB	Antimony Iron Magnesium Molybdenum Potassium Titanium Vanadium Boron	0.117 ug/L 21 ug/L 32 ug/L 0.254 ug/L 340 ug/L 2 ug/L 1.212 ug/L 11 ug/L	FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50

Data qualification by the initial, continuing and preparation blanks (ICB/CCB/PBs) was based on the maximum contaminant concentration in the ICB/CCB/PBs in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPK1663	CPA-02D-05	Antimony Lithium	0.23 mg/Kg 16 mg/Kg	0.99U mg/Kg 16U mg/Kg
IPK1663	CPA-02D-10	Antimony Boron	0.18 mg/Kg 2.4 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPK1663	CPA-02D-30	Antimony Lithium Boron	0.21 mg/Kg 20 mg/Kg 2.8 mg/Kg	1.0U mg/Kg 20U mg/Kg 5.0U mg/Kg
IPK0823	FTF-21D-10	Arsenic Boron	1.4 mg/Kg 7.0 mg/Kg	1.4J mg/Kg 7.0U mg/Kg
IPK0823	FTF-21D-30	Molybdenum	0.79 mg/Kg	5.0U mg/Kg
IPK0823	FTF-21D-50	Molybdenum	0.60 mg/Kg	5.0U mg/Kg
IPK0823	CPA-01D-05	Molybdenum Boron	0.95 mg/Kg 4.7 mg/Kg	5.0U mg/Kg 5.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPK0823	CPA-01D-10	Arsenic Molybdenum Boron	2.1 mg/Kg 0.64 mg/Kg 6.7 mg/Kg	2.1J mg/Kg 5.0U mg/Kg 5.0U mg/Kg
IPK1861	CPA-02D-50	Antimony Boron	0.12 mg/Kg 5.5 mg/Kg	1.0U mg/Kg 5.5U mg/Kg
IPK1861	CPA-10S-0.50	Antimony Lithium	0.13 mg/Kg 17 mg/Kg	1.0U mg/Kg 17U mg/Kg
IPK1861	CPA-10S-05	Antimony Lithium	0.091 mg/Kg 18 mg/Kg	1.0U mg/Kg 18U mg/Kg
IPK1861	CPA-10S-10	Antimony Lithium	0.12 mg/Kg 19 mg/Kg	0.99U mg/Kg 19U mg/Kg
IPK1861	CPA-03D-05	Antimony Lithium Boron	0.11 mg/Kg 17 mg/Kg 2.1 mg/Kg	1.0U mg/Kg 17U mg/Kg 5.0U mg/Kg
IPK1861	CPA-03D-10	Antimony Lithium	0.11 mg/Kg 21 mg/Kg	0.99U mg/Kg 21U mg/Kg
IPK1865	CPA-03D-30	Antimony Boron	0.084 mg/Kg 1.9 mg/Kg	0.99U mg/Kg 5.0U mg/Kg
IPK1865	CPA-03D-50	Antimony Boron	0.13 mg/Kg 6.7 mg/Kg	1.0U mg/Kg 6.7U mg/Kg
IPL0654	FTF-11D-10	Antimony Zinc	0.096 mg/Kg 23 mg/Kg	1.0U mg/Kg 10U mg/Kg
IPL0840	FTF-11D-30	Antimony Zinc	0.18 mg/Kg 20 mg/Kg	1.0U mg/Kg 20U mg/Kg
IPL0840	FTF-11D-50	Antimony Zinc	0.21 mg/Kg 24 mg/Kg	1.0U mg/Kg 24U mg/Kg
IPL0840	FPS-14D-0.5	Antimony Zinc	0.14 mg/Kg 26 mg/Kg	1.0U mg/Kg 26U mg/Kg
IPL0840	FPS-14D-05	Antimony Zinc	0.13 mg/Kg 27 mg/Kg	1.0U mg/Kg 27U mg/Kg
IPL0840	FPS-14D-10	Antimony Zinc	0.066 mg/Kg 19 mg/Kg	1.0U mg/Kg 19U mg/Kg
IPL0840	FPS-14D-30	Antimony Zinc	0.11 mg/Kg 26 mg/Kg	1.0U mg/Kg 26U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL0840	FPS-14D-50	Antimony Zinc	0.14 mg/Kg 29 mg/Kg	1.0U mg/Kg 29U mg/Kg
IPL1183	FPS-9D-0.5	Boron	5.1 mg/Kg	5.1U mg/Kg
IPL1183	FPS-9D-5	Antimony Molybdenum Boron	0.13 mg/Kg 0.37 mg/Kg 6.0 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 6.0U mg/Kg
IPL1183	FPS-9D-10	Antimony Molybdenum Boron	0.12 mg/Kg 0.39 mg/Kg 4.8 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1183	FPS-9D-30	Antimony Molybdenum Selenium	0.22 mg/Kg 0.61 mg/Kg 0.32 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 1.0U mg/Kg
IPL1184	FPS-12D-0.5	Antimony Molybdenum Boron	0.11 mg/Kg 0.52 mg/Kg 3.8 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1184	FPS-12D-5	Antimony Molybdenum Boron	0.088 mg/Kg 0.35 mg/Kg 2.0 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1184	FPS-12D-10	Antimony Molybdenum Boron	0.13 mg/Kg 0.34 mg/Kg 4.2 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1184	FPS-12D-30	Antimony Boron	0.14 mg/Kg 3.6 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPL1184	FPS-12D-50	Antimony Molybdenum Boron	0.10 mg/Kg 0.59 mg/Kg 1.6 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1185	FPS-11S-0.5	Antimony Molybdenum Boron	0.18 mg/Kg 0.55 mg/Kg 3.2 mg/Kg	0.99U mg/Kg 0.99U mg/Kg 5.0U mg/Kg
IPL1185	FPS-11S-5	Antimony Copper	0.33 mg/Kg 1.7 mg/Kg	0.99U mg/Kg 1.7U mg/Kg
IPL1185	FPS-11S-10	Antimony	0.083 mg/Kg	1.0U mg/Kg
IPL1186	FPS-16S-0.5	Antimony Boron	0.72 mg/Kg 3.3 mg/Kg	1.0U mg/Kg 5.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL1186	FPS-16S-5	Antimony Molybdenum Boron	0.10 mg/Kg 0.43 mg/Kg 4.3 mg/Kg	0.99U mg/Kg 0.99U mg/Kg 5.0U mg/Kg
IPL1186	FPS-16S-10	Antimony Molybdenum Boron	0.081 mg/Kg 0.31 mg/Kg 1.7 mg/Kg	0.99U mg/Kg 0.99U mg/Kg 5.0U mg/Kg
IPK1028	CPA-01D-30	Antimony Molybdenum	0.11 mg/Kg 0.55 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPK1028	CPA-01D-50	Antimony Molybdenum	0.12 mg/Kg 0.60 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPK1028	CPA-09S-0.50	Antimony Molybdenum Boron	0.16 mg/Kg 0.51 mg/Kg 1.4 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPK1028	CPA-09S-05	Antimony Molybdenum Boron	0.11 mg/Kg 0.56 mg/Kg 1.6 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPK1028	CPA-09S-10	Antimony Boron	0.11 mg/Kg 2.5 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPK2191	CPA-06D-05	Antimony Boron	0.18 mg/Kg 8.1 mg/Kg	1.0U mg/Kg 8.1U mg/Kg
IPK2191	CPA-06D-10	Antimony Arsenic Boron	0.10 mg/Kg 1.2 mg/Kg 3.3 mg/Kg	1.0U mg/Kg 1.2J mg/Kg 5.0U mg/Kg
IPK2191	CPA-06D-30	Antimony	0.10 mg/Kg	1.0U mg/Kg
IPK2191	CPA-06D-50	Antimony	0.19 mg/Kg	1.0U mg/Kg
IPK2191	CPA-12S-0.50	Antimony Boron	0.13 mg/Kg 4.9 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPK2191	CPA-12S-05	Antimony Boron	0.11 mg/Kg 5.1 mg/Kg	0.99U mg/Kg 5.1U mg/Kg
IPK2191	CPA-12S-10	Antimony Boron	0.092 mg/Kg 3.0 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPK2846	CPA-07D-05	Antimony Molybdenum Boron	0.17 mg/Kg 0.60 mg/Kg 3.1 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPK2846	CPA-07D-10	Antimony Molybdenum Boron	0.19 mg/Kg 0.50 mg/Kg 4.0 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPK2846	CPA-07D-30	Antimony	0.10 mg/Kg	1.0U mg/Kg
IPK2846	CPA-07D-50	Antimony Molybdenum	0.13 mg/Kg 0.58 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPK2846	CPA-08D-05	Antimony Molybdenum	0.091 mg/Kg 0.33 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPK2846	CPA-08D-10	Antimony Molybdenum Boron	0.11 mg/Kg 0.47 mg/Kg 4.7 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPK2846	CPA-08D-30	Antimony Molybdenum	0.11 mg/Kg 0.50 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPK2846	CPA-08D-50	Antimony	0.092 mg/Kg	1.0U mg/Kg
IPK3018	FTF-12D-10	Boron	3.4 mg/Kg	5.0U mg/Kg
IPK3018	FTF-12D-20	Boron	4.7 mg/Kg	5.0U mg/Kg
IPK2022	CPA-04D-05	Antimony Boron	0.18 mg/Kg 5.2 mg/Kg	1.0U mg/Kg 5.2U mg/Kg
IPK2022	CPA-04D-10	Antimony Boron	0.17 mg/Kg 5.6 mg/Kg	0.99U mg/Kg 5.6U mg/Kg
IPK2022	CPA-04D-30	Antimony Boron	0.097 mg/Kg 14 mg/Kg	1.0U mg/Kg 14U mg/Kg
IPK2022	CPA-04D-50	Antimony Boron	0.097 mg/Kg 9.9 mg/Kg	1.0U mg/Kg 9.9U mg/Kg
IPK2022	CPA-05D-0.5	Antimony Boron	0.13 mg/Kg 5.5 mg/Kg	1.0U mg/Kg 5.5U mg/Kg
IPK2022	CPA-05D-05	Antimony Boron	0.12 mg/Kg 15 mg/Kg	0.99U mg/Kg 15U mg/Kg
IPK2022	CPA-05D-10	Antimony Boron	0.098 mg/Kg 9.0 mg/Kg	1.0U mg/Kg 9.0U mg/Kg
IPK2022	CPA-05D-30	Antimony	0.11 mg/Kg	0.99U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPK2022	CPA-05D-50	Antimony Boron (2X)	0.052 mg/Kg 8.8 mg/Kg	0.99U mg/Kg 9.9U mg/Kg
IPK3159	FTF-14S-0.5	Lithium Boron (2x)	11 mg/Kg 4.8 mg/Kg	12U mg/Kg 9.9U mg/Kg
IPK3159	FTF-14S-05	Lithium Molybdenum	18 mg/Kg 0.41 mg/Kg	18U mg/Kg 0.99U mg/Kg
IPK3159	FTF-14S-10	Lithium Molybdenum	19 mg/Kg 0.38 mg/Kg	19U mg/Kg 0.99U mg/Kg
IPK3159	FTF-16S-0.5	Lithium Molybdenum	19 mg/Kg 0.48 mg/Kg	19U mg/Kg 1.0U mg/Kg
IPK3159	FTF-16S-05	Lithium Molybdenum	21 mg/Kg 0.34 mg/Kg	21U mg/Kg 1.0U mg/Kg
IPK3159	FTF-16S-10	Lithium Molybdenum	24 mg/Kg 0.36 mg/Kg	24U mg/Kg 1.0U mg/Kg
IPK3159	FTF-15S-0.5	Lithium	19 mg/Kg	19U mg/Kg
IPK3159	FTF-15S-05	Lithium	19 mg/Kg	19U mg/Kg
IPK3159	FTF-15S-10	Lithium	22 mg/Kg	22U mg/Kg
IPK3159	FTF-17S-0.5	Arsenic Lithium	1.6 mg/Kg 20 mg/Kg	1.6J mg/Kg 20U mg/Kg
IPK3159	FTF-17S-05	Lithium Molybdenum	24 mg/Kg 0.36 mg/Kg	24U mg/Kg 1.0U mg/Kg
IPK3159	FTF-17S-10	Lithium Molybdenum	25 mg/Kg 0.31 mg/Kg	25U mg/Kg 0.99U mg/Kg
IPK3159	FTF-09D-10	Lithium Molybdenum	24 mg/Kg 0.45 mg/Kg	24U mg/Kg 1.0U mg/Kg
IPK3159	FTF-09D-30	Molybdenum Boron (5x)	0.36 mg/Kg 22 mg/Kg	1.0U mg/Kg 25U mg/Kg
IPK3159	FTF-09D-50	Molybdenum	0.53 mg/Kg	1.0U mg/Kg
IPL0001	FTF-10D-10	Molybdenum Boron	0.50 mg/Kg 5.8 mg/Kg	1.0U mg/Kg 5.8U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL0001	FTF-10D-30	Antimony	0.22 mg/Kg	1.0U mg/Kg
IPL0001	FTF-10D-50	Antimony Molybdenum Boron	0.28 mg/Kg 0.64 mg/Kg 11 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 11U mg/Kg
IPL0102	FTF-18S-0.5	Arsenic Molybdenum	2.0 mg/Kg 0.49 mg/Kg	2.0J mg/Kg 1.0U mg/Kg
IPL0102	FTF-18S-05	Molybdenum	0.33 mg/Kg	1.0U mg/Kg
IPL0102	FTF-18S-10	Molybdenum	0.36 mg/Kg	0.99U mg/Kg
IPL0102	FTF-20S-0.5	Arsenic Molybdenum Boron	1.3 mg/Kg 0.43 mg/Kg 5.4 mg/Kg	1.3J mg/Kg 0.99U mg/Kg 5.4U mg/Kg
IPL0102	FTF-20S-05	Arsenic Molybdenum Boron	1.4 mg/Kg 0.49 mg/Kg 6.6 mg/Kg	1.4J mg/Kg 1.0U mg/Kg 6.6U mg/Kg
IPL0102	FTF-20S-10	Arsenic Molybdenum	1.8 mg/Kg 0.33 mg/Kg	1.8J mg/Kg 1.0U mg/Kg
IPL0102	FTF-19S-0.5	Arsenic Boron	0.85 mg/Kg 3.2 mg/Kg	0.85J mg/Kg 5.0U mg/Kg
IPL0102	FTF-19S-05	Arsenic Molybdenum Boron	1.1 mg/Kg 0.47 mg/Kg 5.0 mg/Kg	1.1J mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL0102	FTF-19S-10	Arsenic Molybdenum Boron	1.3 mg/Kg 0.34 mg/Kg 4.8 mg/Kg	1.3J mg/Kg 0.99U mg/Kg 5.0U mg/Kg
IPL0289	FTF-07D-10	Molybdenum Boron	0.62 mg/Kg 5.3 mg/Kg	1.0U mg/Kg 5.3U mg/Kg
IPL0289	FTF-07D-30	Molybdenum	0.39 mg/Kg	1.0U mg/Kg
IPL0289	FTF-07D-50	Molybdenum	0.49 mg/Kg	1.0U mg/Kg
IPL0289	FTF-08D-10	Molybdenum Boron	0.30 mg/Kg 5.3 mg/Kg	1.0U mg/Kg 5.3U mg/Kg
IPL0289	FTF-08D-30	Molybdenum	0.44 mg/Kg	1.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL0289	FTF-08D-50	Molybdenum	0.46 mg/Kg	1.0U mg/Kg
IPL1330	FPS-22D-5	Antimony Molybdenum	0.074 mg/Kg 0.37 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPL1330	FPS-22D-10	Antimony Arsenic Molybdenum Thallium	0.11 mg/Kg 5.2 mg/Kg 0.39 mg/Kg 0.11 mg/Kg	1.0U mg/Kg 5.2J mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1330	FPS-22D-30	Antimony Arsenic Molybdenum	0.087 mg/Kg 5.7U mg/Kg 0.42 mg/Kg	1.0U mg/Kg 5.7J mg/Kg 1.0U mg/Kg
IPL1330	FPS-22D-50	Antimony Molybdenum Thallium	0.096 mg/Kg 0.47 mg/Kg 0.15 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1331	PSS-04S-0.5	Antimony Arsenic Molybdenum Thallium	0.078 mg/Kg 2.3 mg/Kg 0.36 mg/Kg 0.12 mg/Kg	0.99U mg/Kg 2.3J mg/Kg 0.99U mg/Kg 0.50U mg/Kg
IPL1331	PSS-04S-5	Antimony Arsenic Molybdenum	0.083 mg/Kg 3.4 mg/Kg 0.32 mg/Kg	1.0U mg/Kg 3.4J mg/Kg 1.0U mg/Kg
IPL1331	PSS-04S-10	Antimony Arsenic Molybdenum	0.082 mg/Kg 3.4 mg/Kg 0.35 mg/Kg	1.0U mg/Kg 3.4J mg/Kg 1.0U mg/Kg
IPL1331	PSS-04S-20	Antimony Arsenic Molybdenum	0.069 mg/Kg 3.5 mg/Kg 0.62 mg/Kg	0.99U mg/Kg 3.5J mg/Kg 0.99U mg/Kg
IPL1332	FPS-9D-50	Antimony Molybdenum Thallium	0.11 mg/Kg 0.48 mg/Kg 0.21 mg/Kg	0.99U mg/Kg 0.99U mg/Kg 0.50U mg/Kg
IPL1718	FPS-02D-0.5	Antimony	0.016 mg/Kg	1.0U mg/Kg
IPL1718	FPS-02D-5	Antimony Molybdenum	0.091 mg/Kg 0.37 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPL1718	FPS-02D-10	Antimony Molybdenum	0.081 mg/Kg 0.39 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPL1718	FPS-02D-30	Antimony Molybdenum	0.10 mg/Kg 0.54 mg/Kg	1.0U mg/Kg 1.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL1718	FPS-02D-50	Antimony Molybdenum	0.18 mg/Kg 0.64 mg/Kg	**1.0U mg/Kg** **1.0U mg/Kg**
IPL1719	FPS-20D-5	Antimony Molybdenum Boron	0.054 mg/Kg 0.49 mg/Kg 6.3 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 6.3U mg/Kg
IPL1719	FPS-20D-10	Antimony Molybdenum Boron	0.056 mg/Kg 0.46 mg/Kg 5.5 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.5U mg/Kg
IPL1719	FPS-20D-30	Antimony Molybdenum	0.076 mg/Kg 0.47 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPL1719	FPS-20D-50	Antimony Molybdenum	0.068 mg/Kg 0.48 mg/Kg	1.0U mg/Kg 1.0U mg/Kg
IPL1920	FPS-06S-0.5	Antimony	0.13 mg/Kg	1.0 mg/Kg
IPL1920	FPS-06S-5	Antimony Molybdenum Boron	0.21 mg/Kg 0.51 mg/Kg 3.1 mg/Kg	1.0 mg/Kg 1.0 mg/Kg 5.0 mg/Kg
IPL1920	FPS-06S-10	Antimony Molybdenum Boron	0.12 mg/Kg 0.23 mg/Kg 2.1 mg/Kg	1.0 mg/Kg 1.0 mg/Kg 5.0 mg/Kg
IPL2026	FPS-21D-5	Antimony Cadmium Molybdenum Boron	0.29 mg/Kg 0.064 mg/Kg 0.45 mg/Kg 2.6 mg/Kg	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL2026	FPS-21D-10	Antimony Beryllium Molybdenum	0.26 mg/Kg 0.23 mg/Kg 0.56 mg/Kg	1.0U mg/Kg 0.30U mg/Kg 1.0U mg/Kg
IPL2026	FPS-21D-30	Antimony Cadmium Molybdenum Boron	0.16 mg/Kg 0.074 mg/Kg 0.59 mg/Kg 14 mg/Kg	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 14U mg/Kg
IPL2026	FPS-21D-50	Antimony Cadmium Molybdenum Boron (2x)	0.12 mg/Kg 0.040 mg/Kg 0.52 mg/Kg 6.4 mg/Kg	0.99U mg/Kg 0.50U mg/Kg 0.99U mg/Kg 10U mg/Kg
IPL2028	FPS-04S-0.5	Cadmium Boron	0.19 mg/Kg 3.5 mg/Kg	0.50U mg/Kg 5.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL2028	FPS-04S-5	Antimony Cadmium Molybdenum Boron	0.16 mg/Kg 0.041 mg/Kg 0.61 mg/Kg 1.0 mg/Kg	0.98U mg/Kg 0.49U mg/Kg 0.98U mg/Kg 5.0U mg/Kg
IPL2028	FPS-04S-10	Antimony Cadmium Molybdenum Boron	0.13 mg/Kg 0.047 mg/Kg 0.37 mg/Kg 1.8 mg/Kg	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1538	FPS-18D-5	Antimony Arsenic Molybdenum	0.072 mg/Kg 2.2 mg/Kg 0.35 mg/Kg	1.0U mg/Kg 2.2J mg/Kg 1.0U mg/Kg
IPL1538	FPS-18D-10	Antimony Arsenic Molybdenum	0.081 mg/Kg 2.1 mg/Kg 0.32 mg/Kg	1.0U mg/Kg 2.1J mg/Kg 1.0U mg/Kg
IPL1538	FPS-18D-30	Antimony Molybdenum Thallium	0.076 mg/Kg 0.58 mg/Kg 0.12 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1538	FPS-18D-50	Molybdenum Thallium Antimony	0.49 mg/Kg 0.16 mg/Kg 0.096 mg/Kg	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg
IPL2029	CPA-11S-0.5	Antimony Cadmium Molybdenum Boron	0.14 mg/Kg 0.068 mg/Kg 0.37 mg/Kg 3.4 mg/Kg	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1533	FPS-08D-0.5	Arsenic Molybdenum Thallium	2.8 mg/Kg 0.85 mg/Kg 0.10 mg/Kg	2.8J mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1533	FPS-08D-5	Arsenic Molybdenum Thallium	1.5 mg/Kg 0.35 mg/Kg 0.13 mg/Kg	1.5J mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1533	FPS-08D-10	Antimony Arsenic Molybdenum Thallium	0.19 mg/Kg 2.5 mg/Kg 0.36 mg/Kg 0.10 mg/Kg	1.0U mg/Kg 2.5J mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1533	FPS-08D-30	Antimony Molybdenum Thallium	0.12 mg/Kg 0.50 mg/Kg 0.12 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 0.50U mg/Kg
IPL1533	FPS-08D-50	Antimony Molybdenum Thallium	0.091 mg/Kg 0.57 mg/Kg 0.17 mg/Kg	0.99U mg/Kg 0.99U mg/Kg 0.50U mg/Kg
IPL2030	FPS-01S-0.5	Arsenic	1.3 mg/Kg	1.3J mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL2030	FPS-01S-5	Beryllium	0.064 mg/Kg	0.30U mg/Kg
IPL2030	FPS-01S-10	Antimony Molybdenum Boron	0.084 mg/Kg 0.44 mg/Kg 2.1 mg/Kg	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg
IPL1919	FPS-19D-5	Antimony Boron	0.23 mg/Kg 2.8 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPL1919	FPS-19D-10	Antimony Boron	0.14 mg/Kg 3.4 mg/Kg	1.0U mg/Kg 5.0U mg/Kg
IPL1919	FPS-19D-30	Antimony Boron	0.13 mg/Kg 6.2 mg/Kg	1.0U mg/Kg 6.2U mg/Kg
IPL1919	FPS-19D-50	Antimony Molybdenum	0.17 mg/Kg 0.51 mg/Kg	1.0U mg/Kg 1.0U mg/Kg

Arsenic in several samples above were flagged as estimated (J) since the results may reflect actual field contamination.

No field blanks were identified in these SDGs.

IV. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met with the following exceptions:

SDG	ICS ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPL0654 IPL0840	ICSAB (12/8/06)	Nickel	76 (80-120)	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50	J- (all detects)	P
IPL1183	ICSAB 12/12/06 (15:14)	Nickel	75 (80-120)	FPS-9D-30	J- (all detects)	P

SDG	ICS ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPL1183 IPL1184 IPL1185 IPL1186	ICSAB 12/12/06 (19:54)	Nickel	78 (80-120)	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10	J- (all detects)	P
IPK1028	ICSAB (11/10/06)	Zinc	122 (80-120)	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10	J+ (all detects)	P
IPK2191 IPK2022	ICSAB (11/20/06)	Nickel	78 (80-120)	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50	J- (all detects)	P
IPK2846	ICSAB (11/28/06)	Nickel	77 (80-120)	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	J- (all detects)	P

SDG	ICS ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPK3018 IPK3159	ICSAB (11/30/06)	Cobalt Copper Nickel Silver	74 (80-120) 79 (80-120) 73 (80-120) 79 (80-120)	FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50	J- (all detects) UJ (all non-detects)	P
IPL0001	ICSAB (12/1/06)	Nickel	77 (80-120)	FTF-10D-10 FTF-10D-30 FTF-10D-50	J- (all detects)	P
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	ICSAB (12/18/06)	Nickel	73 (80-120)	FPS-22D-10 FPS-22D-30 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	J- (all detects)	P
IPL1330 IPL1718 IPL1719 IPL1538	ICSAB (12/21/06)	Nickel	71 (80-120)	FPS-22D-5 FPS-22D-50 FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-18D-50	J- (all detects)	P
IPL1920 IPL1919	ICSAB	Zinc	126 (80-120)	FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	J+ (all detects)	P

SDG	ICS ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPL2026 IPL2028 IPL2029 IPL2030	ICSAB	Cadmium	121 (80-120)	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	J+ (all detects)	P

Samples were qualified as estimated (J+/J-/UJ) if the interferent concentrations in the samples were greater than ninety percent of the spiked interferent concentrations in the ICSAB.

V. Matrix Spike Analysis

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK1663 IPK1865	CPA-02D-30MS/MSD (CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-03D-30 CPA-03D-50)	Antimony Manganese Vanadium Zinc	43 (75-125) 67 (75-125) 70 (75-125) 72 (75-125)	44 (75-125) - - -	- - - -	J- (all detects) UJ (all non-detects)	A
IPK1663 IPK1861 IPK1865	CPA-02D-30MS/MSD (CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50)	Barium	26 (75-125)	30 (75-125)	-	J- (all detects)	A
IPK0823	CPA-01D-10MS/MSD (FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10)	Phosphorus	-	-	41 (≤20)	J (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK1861	CPA-02D-30MS/MSD (CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10)	Antimony Manganese Vanadium Zinc	43 (75-125) 67 (75-125) 70 (75-125) 72 (75-125)	44 (75-125) - - -	- - - -	J- (all detects) UJ (all non-detects)	A
IPL0654 IPL0840	FTF-11D-50MS/MSD (FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50)	Antimony	46 (75-125)	46 (75-125)	-	J- (all detects)	A
IPL1183 IPL1184 IPL1185 IPL1186	FPS-9D-30MS/MSD (FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10)	Antimony	27 (75-125)	28 (75-125)	-	J- (all detects)	A
IPL1183 IPL1184 IPL1185 IPL1186	FPS-9D-30MS/MSD (FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10)	Barium Calcium	420 (75-125) -	202 (75-125) -	38 (≤20) 26 (≤20)	J (all detects) J (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL1183 IPL1184 IPL1185 IPL1186	FPS-9D-30MS/MSD (FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10)	Copper Nickel Selenium Zinc	70 (75-125) 73 (75-125) 71 (75-125) 64 (75-125)	- - - -		J- (all detects) UJ (all non-detects)	A
IPK1028 IPK2191	CPA-01D-50MS/MSD (CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10)	Calcium	-	-	57 (≤20)	J (all detects)	A
IPK2191	CPA-06D-50MS/MSD (CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10)	Antimony Manganese Selenium Zinc	40 (75-125) - - -	39 (75-125) 54 (75-125) 71 (75-125) 71 (75-125)	- - - -	J- (all detects) UJ (all non-detects)	A
IPK2846	CPA-07D-05MS/MSD (CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50)	Antimony Barium Zinc	34 (75-125) 58 (75-125) -	39 (75-125) 68 (75-125) 72 (75-125)	- - -	J- (all detects)	A
IPK2846	CPA-07D-05MS/MSD (CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50)	Potassium Strontium	150 (75-125) 142 (75-125)	140 (75-125) 166 (75-125)	- -	J+ (all detects) J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK2846	CPA-07D-05MS/MSD (CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50)	Titanium	-	-	24 (≤20)	J (all detects)	A
IPK3018	FTF-12D-40MS/MSD (FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47)	Strontium Antimony Copper Zinc	72 (75-125) 33 (75-125) 73 (75-125) 72 (75-125)	- 35 (75-125) - -	- - - -	J- (all detects) UJ (all non-detects)	A
IPK3018 IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FTF-12D-40MS/MSD (FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Calcium	-	-	25 (≤20)	J (all detects)	A
IPK3018	FTF-12D-40MS/MSD (FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47)	Barium	20 (75-125)	8 (75-125)	-	J- (all detects)	A
IPK2022	CPA-04D-05MS/MSD (CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50)	Antimony	29 (75-125)	34 (75-125)	-	J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK2022	CPA-04D-05MS/MSD (CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50)	Barium Sodium	136 (75-125) 126 (75-125)	- -	- -	J+ (all detects) J+ (all detects)	A
IPK3159	FTF-09D-50MS/MSD (FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50)	Antimony Strontium	42 (75-125) -	40 (75-125) 58 (75-125)	- -	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
IPK3159	FTF-09D-50MS/MSD (FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50)	Calcium	-	-	103 (≤20)	J (all detects)	A
IPL0001	FTF-10D-50MS/MSD (FTF-10D-10 FTF-10D-30 FTF-10D-50)	Antimony Manganese Vanadium Zinc	53 (75-125) 54 (75-125) 72 (75-125) 70 (75-125)	52 (75-125) - - 71 (75-125)	- - - -	J- (all detects) UJ (all non-detects)	A
IPL0102	FTF-13D-50MS/MSD (FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10)	Antimony Barium Selenium	34 (75-125) 51 (75-125) 74 (75-125)	35 (75-125) 64 (75-125) 74 (75-125)	- - -	J- (all detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL0102	FTF-13D-50MS/MSD (FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10)	Strontium	20 (75-125)	16 (75-125)	-	J- (all detects)	A
IPL0102	FTF-13D-50MS/MSD (FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10)	Calcium	-	-	41 (≤20)	J (all detects)	A
IPL0289	FTF-07D-30MS/MSD (FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50)	Antimony Manganese	36 (75-125) 66 (75-125)	37 (75-125) 74 (75-125)	- -	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-50MS/MSD (FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Antimony Zinc Nickel	42 (75-125) 74 (75-125) -	42 (75-125) 69 (75-125) 74 (75-125)	- - -	J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-50MS/MSD (FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Barium	-2 (75-125)	-94 (75-125)	28 (≤20)	J (all detects)	A
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-50MS/MSD (FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Manganese	20 (75-125)	6 (75-125)	-	J- (all detects)	A
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-50MS/MSD (FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Strontium	126 (75-125)	-	-	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL1718 IPL1719	FPS-02D-50MS/MSD (FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50)	Antimony Barium	41 (75-125) 58 (75-125)	42 (75-125) 44 (75-125)	- -	J- (all detects) J- (all detects)	A
IPL1718 IPL1719	FPS-02D-50MS/MSD (FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50)	Lithium	150 (75-125)	142 (75-125)	-	J+ (all detects)	A
IPL1920 IPL1919	FPS-06S-5MS/MSD (FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50)	Antimony	42 (75-125)	47 (75-125)	-	J- (all detects)	A
IPL1920 IPL1919	FPS-06S-5MS/MSD (FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50)	Barium	158 (75-125)	160 (75-125)	-	J+ (all detects)	A
IPL2026 IPL2028 IPL2029 IPL2030	FPS-21D-30MS/MSD (FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10)	Antimony Zinc	32 (75-125) -	30 (75-125) 72 (75-125)	- -	J- (all detects) J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL2026 IPL2028 IPL2029 IPL2030	FPS-21D-30MS/MSD (FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10)	Calcium	-	-	31 (≤20)	J (all detects)	A
IPL2026 IPL2028 IPL2029 IPL2030	FPS-21D-30MS/MSD (FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10)	Sodium Strontium	-	126 (75-125) 148 (75-125)	- -	J+ (all detects) J+ (all detects)	A

VI. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Analyte	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPK2022/A6C6532	LCS/LCSD (CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50)	Sulfur	87 (90-110)	-	-	J- (all detects)	P

SDG	LCS ID (Associated Samples)	Analyte	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
IPL1330/A6D6380 IPL1331/A6D6383 IPL1332/A6D6399 IPL1538/A6D7145	LCS/LCSD (FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50)	Sulfur	-	86 (90-110)	-	J- (all detects)	P
IPL1920/A6D8491 IPL2026/A6D9277 IPL2028/A6D9286 IPL2029/A6D9295 IPL2030/A6D9289	LCS/LCSD (FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10)	Sulfur	89 (90-110)	-	-	J- (all detects)	P
IPL1533/A6D7152	LCS/LCSD (FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Sulfur	-	89 (90-110)	-	J- (all detects)	P

VIII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples on which an EPA Level IV review was performed with the following exceptions:

SDG	Sample	Internal Standard	%R (Limits)	Analyte	Flag	A or P
IPL2026	FPS-21D-50	Ge-72	120.4 (30-120)	Beryllium	J+ (all detects)	A

Raw data were not evaluated for the samples reviewed by Level III criteria.

IX. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in these SDGs.

X. ICP Serial Dilution

ICP serial dilution was not performed for these SDGs.

XI. Sample Result Verification

All sample result verifications were acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Overall Assessment of Data

Data flags have been summarized at the end of this report if data has been qualified.

XIII. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Metals - Data Qualification Summary - SDGs IPK0823/A6C2159, IPK1028/A6C2425, IPK1663/A6C4455, IPK1861/A6C5257, IPK1865/A6C5259, IPK2022/A6C6532, IPK2191/A6C6520, IPK2846/A6C9807, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840/A6D5073, IPL1183/A6D5693, IPL1184/A6D5748, IPL1185/A6D5732, IPL1186/A6D5737, IPL1330/A6D6380, IPL1331/A6D6383, IPL1332/A6D6399, IPL1533/A6D7152, IPL1538/A6D7145, IPL1718/A6D8468, IPL1719/A6D8477, IPL1919/A6D8483, IPL1920/A6D8491, IPL2026/A6D9277, IPL2028/A6D9286, IPL2029/A6D9295, IPL2030/A6D9289

SDG	Sample	Analyte	Flag	A or P	Reason
IPL0654	FTF-11D-10	Phosphorus	J- (all detects)	P	Calibration (CCV %R)
IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK2191 IPK2846 IPK2022 IPL0001	FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50	Nickel	J- (all detects)	P	ICP interference check sample analysis (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL1330 IPL1331 IPL1718 IPL1719 IPL1538 IPL1533	FPS-22D-10 FPS-22D-30 FPS-22D-5 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	Nickel	J- (all detects)	P	ICP interference check sample analysis (%R)
IPK1028 IPL1920 IPL1919	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	Zinc	J+ (all detects)	P	ICP interference check sample analysis (%R)
IPK3018 IPK3159	FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47 FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50	Cobalt Copper Nickel Silver	J- (all detects) UJ (all non-detects)	P	ICP interference check (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL2026 IPL2028 IPL2029 IPL2030	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Cadmium	J+ (all detects)	P	ICP interference check (%R)
IPK1663 IPK1861 IPK1865 IPL0001	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 FTF-10D-10 FTF-10D-30 FTF-10D-50	Antimony Manganese Vanadium Zinc	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK1663 IPK1861 IPK1865 IPK3018	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	Barium	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK0823	FTF-21D-10 FTF-21D-30 FTF-21D-50 CPA-01D-05 CPA-01D-10	Phosphorus	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD)

SDG	Sample	Analyte	Flag	A or P	Reason
IPK2022 IPL0654 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPL1920 IPL1919	CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 FTF-11D-10 FTF-11D-30 FTF-11D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-14D-30 FPS-14D-50 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-9D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	Antimony	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL1183 IPL1184 IPL1185 IPL1186 IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-9D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	Barium	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPL1183 IPL1184 IPL1185 IPL1186 IPK1028 IPK2191 IPK3018	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-9D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	Calcium	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)

SDG	Sample	Analyte	Flag	A or P	Reason
IPK3159 IPL0102 IPL1330 IPL1331 IPL1332 IPL2026 IPL2028 IPL1538 IPL2029 IPL1533 IPL2030	FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50 FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Calcium	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL1183 IPL1184 IPL1185 IPL1186	FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-9D-30 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10	Copper Nickel Selenium Zinc	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK2191	CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10	Antimony Manganese Selenium Zinc	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK2846	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	Antimony Barium Zinc	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK2846	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	Potassium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK2846	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50	Titanium	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD)
IPK3018	FTF-12D-10 FTF-12D-20 FTF-12D-30 FTF-12D-40 FTF-12D-47	Strontium Antimony Copper Zinc	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPK2022	CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50	Barium Sodium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK3159	FTF-14S-0.5 FTF-14S-05 FTF-14S-10 FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-0.5 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30 FTF-09D-50	Antimony Strontium	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL0102	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10	Antimony Barium Selenium	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL0102	FTF-18S-0.5 FTF-18S-05 FTF-18S-10 FTF-20S-0.5 FTF-20S-05 FTF-20S-10 FTF-19S-0.5 FTF-19S-05 FTF-19S-10	Strontium	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL0289	FTF-07D-10 FTF-07D-30 FTF-07D-50 FTF-08D-10 FTF-08D-30 FTF-08D-50	Antimony Manganese	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	Antimony Zinc Nickel	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	Manganese	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1330 IPL1331 IPL1332 IPL1538 IPL1533	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50	Strontium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL1718 IPL1719	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50	Antimony Barium	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1718 IPL1719	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50	Lithium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL1920 IPL1919	FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	Barium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL2026 IPL2028 IPL2029 IPL2030	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Antimony Zinc	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPL2026 IPL2028 IPL2029 IPL2030	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-0.5 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Sodium Strontium	J+ (all detects) J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPK2022/A6C6532 IPL1330/A6D6380 IPL1331/A6D6383 IPL1332/A6D6399 IPL1920/A6D8491 IPL2026/A6D9277 IPL2028/A6D9286 IPL1538/A6D7145 IPL2029/A6D9295 IPL1533/A6D7152 IPL2030/A6D9289	CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50 FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-0.5 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10	Sulfur	J- (all detects)	P	Laboratory control samples (%R)
IPL2026	FPS-21D-50	Beryllium	J+ (all detects)	A	Internal standards (%R)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Metals - Laboratory Blank Data Qualification Summary - SDGs IPK0823/A6C2159, IPK1028/A6C2425, IPK1663/A6C4455, IPK1861/A6C5257, IPK1865/A6C5259, IPK2022/A6C6532, IPK2191/A6C6520, IPK2846/A6C9807, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840/A6D5073, IPL1183/A6D5693, IPL1184/A6D5748, IPL1185/A6D5732, IPL1186/A6D5737, IPL1330/A6D6380, IPL1331/A6D6383, IPL1332/A6D6399, IPL1533/A6D7152, IPL1538/A6D7145, IPL1718/A6D8468, IPL1719/A6D8477, IPL1919/A6D8483, IPL1920/A6D8491, IPL2026/A6D9277, IPL2028/A6D9286, IPL2029/A6D9295, IPL2030/A6D9289

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPK1663	CPA-02D-05	Antimony Lithium	0.99U mg/Kg 16U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPK1663	CPA-02D-10	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPK1663	CPA-02D-30	Antimony Lithium Boron	1.0U mg/Kg 20U mg/Kg 5.0U mg/Kg	A
IPK0823	FTF-21D-10	Arsenic Boron	1.4J mg/Kg 7.0U mg/Kg	A
IPK0823	FTF-21D-30	Molybdenum	5.0U mg/Kg	A
IPK0823	FTF-21D-50	Molybdenum	5.0U mg/Kg	A
IPK0823	CPA-01D-05	Molybdenum Boron	5.0U mg/Kg 5.0U mg/Kg	A
IPK0823	CPA-01D-10	Arsenic Molybdenum Boron	2.1J mg/Kg 5.0U mg/Kg 5.0U mg/Kg	A
IPK1861	CPA-02D-50	Antimony Boron	1.0U mg/Kg 5.5U mg/Kg	A
IPK1861	CPA-10S-0.50	Antimony Lithium	1.0U mg/Kg 17U mg/Kg	A
IPK1861	CPA-10S-05	Antimony Lithium	1.0U mg/Kg 18U mg/Kg	A
IPK1861	CPA-10S-10	Antimony Lithium	0.99U mg/Kg 19U mg/Kg	A
IPK1861	CPA-03D-05	Antimony Lithium Boron	1.0U mg/Kg 17U mg/Kg 5.0U mg/Kg	A
IPK1861	CPA-03D-10	Antimony Lithium	0.99U mg/Kg 21U mg/Kg	A
IPK1865	CPA-03D-30	Antimony Boron	0.99U mg/Kg 5.0U mg/Kg	A
IPK1865	CPA-03D-50	Antimony Boron	1.0U mg/Kg 6.7U mg/Kg	A
IPL0654	FTF-11D-10	Antimony Zinc	1.0U mg/Kg 10U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL0840	FTF-11D-30	Antimony Zinc	1.0U mg/Kg 20U mg/Kg	A
IPL0840	FTF-11D-50	Antimony Zinc	1.0U mg/Kg 24U mg/Kg	A
IPL0840	FPS-14D-0.5	Antimony Zinc	1.0U mg/Kg 26U mg/Kg	A
IPL0840	FPS-14D-05	Antimony Zinc	1.0U mg/Kg 27U mg/Kg	A
IPL0840	FPS-14D-10	Antimony Zinc	1.0U mg/Kg 19U mg/Kg	A
IPL0840	FPS-14D-30	Antimony Zinc	1.0U mg/Kg 26U mg/Kg	A
IPL0840	FPS-14D-50	Antimony Zinc	1.0U mg/Kg 29U mg/Kg	A
IPL1183	FPS-9D-0.5	Boron	5.1U mg/Kg	A
IPL1183	FPS-9D-5	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 6.0U mg/Kg	A
IPL1183	FPS-9D-10	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1183	FPS-9D-30	Antimony Molybdenum Selenium	1.0U mg/Kg 1.0U mg/Kg 1.0U mg/Kg	A
IPL1184	FPS-12D-0.5	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1184	FPS-12D-5	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1184	FPS-12D-10	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1184	FPS-12D-30	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL1184	FPS-12D-50	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1185	FPS-11S-0.5	Antimony Molybdenum Boron	0.99U mg/Kg 0.99U mg/Kg 5.0U mg/Kg	A
IPL1185	FPS-11S-5	Antimony Copper	0.99U mg/Kg 1.7U mg/Kg	A
IPL1185	FPS-11S-10	Antimony	1.0U mg/Kg	A
IPL1186	FPS-16S-0.5	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPL1186	FPS-16S-5	Antimony Molybdenum Boron	0.99U mg/Kg 0.99U mg/Kg 5.0U mg/Kg	A
IPL1186	FPS-16S-10	Antimony Molybdenum Boron	0.99U mg/Kg 0.99U mg/Kg 5.0U mg/Kg	A
IPK1028	CPA-01D-30	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPK1028	CPA-01D-50	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPK1028	CPA-09S-0.50	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPK1028	CPA-09S-05	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPK1028	CPA-09S-10	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPK2191	CPA-06D-05	Antimony Boron	1.0U mg/Kg 8.1U mg/Kg	A
IPK2191	CPA-06D-10	Antimony Arsenic Boron	1.0U mg/Kg 1.2J mg/Kg 5.0U mg/Kg	A
IPK2191	CPA-06D-30	Antimony	1.0U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPK2191	CPA-06D-50	Antimony	1.0U mg/Kg	A
IPK2191	CPA-12S-0.50	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPK2191	CPA-12S-05	Antimony Boron	0.99U mg/Kg 5.1U mg/Kg	A
IPK2191	CPA-12S-10	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPK2846	CPA-07D-05	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPK2846	CPA-07D-10	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPK2846	CPA-07D-30	Antimony	1.0U mg/Kg	A
IPK2846	CPA-07D-50	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPK2846	CPA-08D-05	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPK2846	CPA-08D-10	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPK2846	CPA-08D-30	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPK2846	CPA-08D-50	Antimony	1.0U mg/Kg	A
IPK3018	FTF-12D-10	Boron	5.0U mg/Kg	A
IPK3018	FTF-12D-20	Boron	5.0U mg/Kg	A
IPK2022	CPA-04D-05	Antimony Boron	1.0U mg/Kg 5.2U mg/Kg	A
IPK2022	CPA-04D-10	Antimony Boron	0.99U mg/Kg 5.6U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPK2022	CPA-04D-30	Antimony Boron	1.0U mg/Kg 14U mg/Kg	A
IPK2022	CPA-04D-50	Antimony Boron	1.0U mg/Kg 9.9U mg/Kg	A
IPK2022	CPA-05D-0.5	Antimony Boron	1.0U mg/Kg 5.5U mg/Kg	A
IPK2022	CPA-05D-05	Antimony Boron	0.99U mg/Kg 15U mg/Kg	A
IPK2022	CPA-05D-10	Antimony Boron	1.0U mg/Kg 9.0U mg/Kg	A
IPK2022	CPA-05D-30	Antimony	0.99U mg/Kg	A
IPK2022	CPA-05D-50	Antimony Boron (2X)	0.99U mg/Kg 9.9U mg/Kg	A
IPK3159	FTF-14S-0.5	Lithium Boron (2x)	12U mg/Kg 9.9U mg/Kg	A
IPK3159	FTF-14S-05	Lithium Molybdenum	18U mg/Kg 0.99U mg/Kg	A
IPK3159	FTF-14S-10	Lithium Molybdenum	19U mg/Kg 0.99U mg/Kg	A
IPK3159	FTF-16S-0.5	Lithium Molybdenum	19U mg/Kg 1.0U mg/Kg	A
IPK3159	FTF-16S-05	Lithium Molybdenum	21U mg/Kg 1.0U mg/Kg	A
IPK3159	FTF-16S-10	Lithium Molybdenum	24U mg/Kg 1.0U mg/Kg	A
IPK3159	FTF-15S-0.5	Lithium	19U mg/Kg	A
IPK3159	FTF-15S-05	Lithium	19U mg/Kg	A
IPK3159	FTF-15S-10	Lithium	22U mg/Kg	A
IPK3159	FTF-17S-0.5	Arsenic Lithium	1.6J mg/Kg 20U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPK3159	FTF-17S-05	Lithium Molybdenum	24U mg/Kg 1.0U mg/Kg	A
IPK3159	FTF-17S-10	Lithium Molybdenum	25U mg/Kg 0.99U mg/Kg	A
IPK3159	FTF-09D-10	Lithium Molybdenum	24U mg/Kg 1.0U mg/Kg	A
IPK3159	FTF-09D-30	Molybdenum Boron (5x)	1.0U mg/Kg 25U mg/Kg	A
IPK3159	FTF-09D-50	Molybdenum	1.0U mg/Kg	A
IPL0001	FTF-10D-10	Molybdenum Boron	1.0U mg/Kg 5.8U mg/Kg	A
IPL0001	FTF-10D-30	Antimony	1.0U mg/Kg	A
IPL0001	FTF-10D-50	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 11U mg/Kg	A
IPL0102	FTF-18S-0.5	Arsenic Molybdenum	2.0J mg/Kg 1.0U mg/Kg	A
IPL0102	FTF-18S-05	Molybdenum	1.0U mg/Kg	A
IPL0102	FTF-18S-10	Molybdenum	0.99U mg/Kg	A
IPL0102	FTF-20S-0.5	Arsenic Molybdenum Boron	1.3J mg/Kg 0.99U mg/Kg 5.4U mg/Kg	A
IPL0102	FTF-20S-05	Arsenic Molybdenum Boron	1.4J mg/Kg 1.0U mg/Kg 6.6U mg/Kg	A
IPL0102	FTF-20S-10	Arsenic Molybdenum	1.8J mg/Kg 1.0U mg/Kg	A
IPL0102	FTF-19S-0.5	Arsenic Boron	0.85J mg/Kg 5.0U mg/Kg	A
IPL0102	FTF-19S-05	Arsenic Molybdenum Boron	1.1J mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL0102	FTF-19S-10	Arsenic Molybdenum Boron	1.3J mg/Kg 0.99U mg/Kg 5.0U mg/Kg	A
IPL0289	FTF-07D-10	Molybdenum Boron	1.0U mg/Kg 5.3U mg/Kg	A
IPL0289	FTF-07D-30	Molybdenum	1.0U mg/Kg	A
IPL0289	FTF-07D-50	Molybdenum	1.0U mg/Kg	A
IPL0289	FTF-08D-10	Molybdenum Boron	1.0U mg/Kg 5.3U mg/Kg	A
IPL0289	FTF-08D-30	Molybdenum	1.0U mg/Kg	A
IPL0289	FTF-08D-50	Molybdenum	1.0U mg/Kg	A
IPL1330	FPS-22D-5	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1330	FPS-22D-10	Antimony Arsenic Molybdenum Thallium	1.0U mg/Kg 5.2J mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A
IPL1330	FPS-22D-30	Antimony Arsenic Molybdenum	1.0U mg/Kg 5.7J mg/Kg 1.0U mg/Kg	A
IPL1330	FPS-22D-50	Antimony Molybdenum Thallium	1.0U mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A
IPL1331	PSS-04S-0.5	Antimony Arsenic Molybdenum Thallium	0.99U mg/Kg 2.3U mg/Kg 0.99U mg/Kg 0.50U mg/Kg	A
IPL1331	PSS-04S-5	Antimony Arsenic Molybdenum	1.0U mg/Kg 3.4J mg/Kg 1.0U mg/Kg	A
IPL1331	PSS-04S-10	Antimony Arsenic Molybdenum	1.0U mg/Kg 3.4J mg/Kg 1.0U mg/Kg	A
IPL1331	PSS-04S-20	Antimony Arsenic Molybdenum	0.99U mg/Kg 3.5J mg/Kg 0.99U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL1332	FPS-9D-50	Antimony Molybdenum Thallium	0.99U mg/Kg 0.99U mg/Kg 0.50U mg/Kg	A
IPL1718	FPS-02D-0.5	Antimony	1.0U mg/Kg	A
IPL1718	FPS-02D-5	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1718	FPS-02D-10	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1718	FPS-02D-30	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1718	FPS-02D-50	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1719	FPS-20D-5	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 6.3U mg/Kg	A
IPL1719	FPS-20D-10	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.5U mg/Kg	A
IPL1719	FPS-20D-30	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1719	FPS-20D-50	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A
IPL1920	FPS-06S-0.5	Antimony	1.0 mg/Kg	A
IPL1920	FPS-06S-5	Antimony Molybdenum Boron	1.0 mg/Kg 1.0 mg/Kg 5.0 mg/Kg	A
IPL1920	FPS-06S-10	Antimony Molybdenum Boron	1.0 mg/Kg 1.0 mg/Kg 5.0 mg/Kg	A
IPL2026	FPS-21D-5	Antimony Cadmium Molybdenum Boron	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL2026	FPS-21D-10	Antimony Beryllium Molybdenum	1.0U mg/Kg 0.30U mg/Kg 1.0U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL2026	FPS-21D-30	Antimony Cadmium Molybdenum Boron	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 14U mg/Kg	A
IPL2026	FPS-21D-50	Antimony Cadmium Molybdenum Boron (2x)	0.99U mg/Kg 0.50U mg/Kg 0.99U mg/Kg 10U mg/Kg	A
IPL2028	FPS-04S-0.5	Cadmium Boron	0.50U mg/Kg 5.0U mg/Kg	A
IPL2028	FPS-04S-5	Antimony Cadmium Molybdenum Boron	0.98U mg/Kg 0.49U mg/Kg 0.98U mg/Kg 5.0U mg/Kg	A
IPL2028	FPS-04S-10	Antimony Cadmium Molybdenum Boron	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1538	FPS-18D-5	Antimony Arsenic Molybdenum	1.0U mg/Kg 2.2J mg/Kg 1.0U mg/Kg	A
IPL1538	FPS-18D-10	Antimony Arsenic Molybdenum	1.0U mg/Kg 2.1J mg/Kg 1.0U mg/Kg	A
IPL1538	FPS-18D-30	Antimony Molybdenum Thallium	1.0U mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A
IPL1538	FPS-18D-50	Molybdenum Thallium Antimony	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg	A
IPL2029	CPA-11S-0.5	Antimony Cadmium Molybdenum Boron	1.0U mg/Kg 0.50U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1533	FPS-08D-0.5	Arsenic Molybdenum Thallium	2.8J mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A
IPL1533	FPS-08D-5	Arsenic Molybdenum Thallium	1.5J mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL1533	FPS-08D-10	Antimony Arsenic Molybdenum Thallium	1.0U mg/Kg 2.5J mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A
IPL1533	FPS-08D-30	Antimony Molybdenum Thallium	1.0U mg/Kg 1.0U mg/Kg 0.50U mg/Kg	A
IPL1533	FPS-08D-50	Antimony Molybdenum Thallium	0.99U mg/Kg 0.99U mg/Kg 0.50U mg/Kg	A
IPL2030	FPS-01S-0.5	Arsenic	1.3J mg/Kg	A
IPL2030	FPS-01S-5	Beryllium	0.30U mg/Kg	A
IPL2030	FPS-01S-10	Antimony Molybdenum Boron	1.0U mg/Kg 1.0U mg/Kg 5.0U mg/Kg	A
IPL1919	FPS-19D-5	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPL1919	FPS-19D-10	Antimony Boron	1.0U mg/Kg 5.0U mg/Kg	A
IPL1919	FPS-19D-30	Antimony Boron	1.0U mg/Kg 6.2U mg/Kg	A
IPL1919	FPS-19D-50	Antimony Molybdenum	1.0U mg/Kg 1.0U mg/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Metals - Field Blank Data Qualification Summary - SDGs IPK0823/A6C2159, IPK1028/A6C2425, IPK1663/A6C4455, IPK1861/A6C5257, IPK1865/A6C5259, IPK2022/A6C6532, IPK2191/A6C6520, IPK2846/A6C9807, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840/A6D5073, IPL1183/A6D5693, IPL1184/A6D5748, IPL1185/A6D5732, IPL1186/A6D5737, IPL1330/A6D6380, IPL1331/A6D6383, IPL1332/A6D6399, IPL1533/A6D7152, IPL1538/A6D7145, IPL1718/A6D8468, IPL1719/A6D8477, IPL1919/A6D8483, IPL1920/A6D8491, IPL2026/A6D9277, IPL2028/A6D9286, IPL2029/A6D9295, IPL2030/A6D9289

No Sample Data Qualified in these SDGs

ATTACHMENT O2

Metals Water Data Validation Report

Metals by EPA SW 846 Methods 6010B, 6020, and 7000

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

An initial calibration was performed.

The frequency and analysis criteria of the initial calibration verification (ICV) and continuing calibration verification (CCV) were met with the following exceptions:

SDG	Date	Lab. Reference/ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPK3019	12/1/06	CCV (01:02)	Beryllium	116 (90-110)	FTF-12D-GW	N/A	-

For the result above flagged Not Applicable (N/A), the affected compound was not detected in the associated samples and did not warrant qualification of the data.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No contaminant concentrations were found in the initial, continuing and preparation blanks with the following exceptions:

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPL0290	PB (prep blank)	Aluminum Calcium Potassium Zinc	9.58 ug/L 0.0920 mg/L 0.180 mg/L 3.58 ug/L	FTF-07D-GW
IPL0290	ICB/CCB	Antimony Arsenic Boron Molybdenum Potassium Silver	0.144 ug/L 0.744 ug/L 0.011 mg/L 0.285 ug/L 0.277 mg/L 0.282 ug/L	FTF-07D-GW
IPL0841	PB (prep blank)	Calcium	0.0724 mg/L	FTF-11D-GW

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
IPL0841	ICB/CCB	Antimony Molybdenum Potassium Boron	0.169 ug/L 0.151 ug/L 0.441 mg/L 0.018 mg/L	FTF-11D-GW
IPK3019	PB (prep blank)	Chromium	1.17 ug/L	FTF-12D-GW
IPK3019	ICB/CCB	Arsenic Calcium Chromium Molybdenum Boron	1.22 ug/L 0.073 mg/L 0.948 ug/L 0.204 ug/L 0.018 mg/L	FTF-12D-GW
IPL0003/A6D2235	PB (prep blank)	Calcium Potassium	0.0920 mg/L 0.180 mg/L	FTF-10D-GW
IPL0003/A6D2235	ICB/CCB	Antimony Molybdenum Potassium Boron	0.318 ug/L 0.226 ug/L 0.231 mg/L 0.011 mg/L	FTF-10D-GW

Data qualification by the initial, continuing and preparation blanks (ICB/CCB/PBs) was based on the maximum contaminant concentration in the ICB/CCB/PBs in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL0290	FTF-07D-GW	Antimony	0.58 ug/L	0.58U ug/L
IPK3019	FTF-12D-GW	Chromium	25 ug/L	25U ug/L
IPL0003	FTF-10D-GW	Antimony	0.56 ug/L	0.56U ug/L

Antimony in samples FTF-07D-GW and FTF-10D-GW were qualified as non-detected (U) at their reported concentrations. The non-detects should be considered below the screening level of 20 ug/L.

No field blanks were identified in these SDGs.

IV. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met with the following exceptions:

SDG	ICS ID	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPL0841	ICSAB (12/14/06)	Nickel	77 (80-120)	FTF-11D-GW	J- (all detects)	P
IPK3019	ICSAB (11/30/06)	Cobalt Copper Nickel Silver	74 (80-120) 79 (80-120) 73 (80-120) 79 (80-120)	FTF-12D-GW	J- (all detects)	P

Samples were qualified as estimated (J/J-/UJ) if the interferent concentrations in the samples were greater than ninety percent of the spiked interferent concentrations in the ICSAB.

V. Matrix Spike Analysis

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL0841	TR-3-1106MS/MSD (FTF-11D-GW)	Aluminum	180 (75-125)	145 (75-125)	22 (≤20)	J (all detects)	A
IPL0841	FTF-11D-GWMS/MSD (FTF-11D-GW)	Lithium	69 (75-125)	74 (75-125)	-	J- (all detects)	A
IPK3019	FTF-12D-GWMS/MSD (FTF-12D-GW)	Antimony Lithium	68 (75-125) 71 (75-125)	70 (75-125) 72 (75-125)	- -	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
IPK3019	FTF-12D-GWMS/MSD (FTF-12D-GW)	Potassium	126 (75-125)	160 (75-125)	-	J+ (all detects)	A

VI. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VIII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

IX. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in these SDGs.

X. ICP Serial Dilution

ICP serial dilution was not performed for these SDGs.

XI. Sample Result Verification

All sample result verifications were acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

XII. Overall Assessment of Data

Data flags have been summarized at the end of this report if data has been qualified.

XIII. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Metals - Data Qualification Summary - IPK3019, IPL0003/A6D2235, IPL0290, IPL0841

SDG	Sample	Analyte	Flag	A or P	Reason
IPL0841	FTF-11D-GW	Nickel	J- (all detects)	P	ICP interference check sample analysis (%R)
IPK3019	FTF-12D-GW	Cobalt Copper Nickel Silver	J- (all detects)	P	ICP interference check (%R)
IPL0841	FTF-11D-GW	Aluminum	J (all detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD)
IPL0841	FTF-11D-GW	Lithium	J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK3019	FTF-12D-GW	Antimony Lithium	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
IPK3019	FTF-12D-GW	Potassium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Metals - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003/A6D2235, IPL0290, IPL0841

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL0290	FTF-07D-GW	Antimony	0.58U ug/L	A
IPK3019	FTF-12D-GW	Chromium	25U ug/L	A
IPL0003	FTF-10D-GW	Antimony	0.56U ug/L	A

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Metals - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003/A6D2235, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

ATTACHMENT P1

Wet Chemistry Soil Data Validation Report

Ammonia as Nitrogen by EPA Method 350.3
Phosphorus by EPA Method 365.3
Alkalinity by Standard Method 2320B
Hexavalent Chromium by EPA SW 846 Method 7199
Cyanide by EPA SW 846 Method 9014
pH by EPA SW 846 Method 9045C
Bromide, Orthophosphate as Phosphorus, Chloride, Fluoride, Nitrate as Nitrogen, Nitrite as Nitrogen, and Sulfate by EPA SW 846 Method 9056

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

All criteria for the initial calibration of each method were met.

b. Calibration Verification

Calibration verification frequency and analysis criteria were met for each method when applicable with the following exceptions:

SDG	Date (Calibration ID)	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPK1663	12/1/06 (CCV (18:12))	Orthophosphate as P	114.4 (90-110)	CPA-02D-05 CPA-02D-10 CPA-02D-30	N/A	-
IPK0823	11/16/06 (ICV)	Ammonia as N	86.5 (90-110)	CPA-01D-05 CPA-01D-10	J- (all detects) UJ (all non-detects)	P
IPK1861 IPK1865	11/23/06 (6K22154-BS1)	Hexavalent chromium	85 (90-110)	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50	UJ (all non-detects)	P
IPK1861	12/4/06 (ICV)	Ammonia as N	88.9 (90-110)	CPA-02D-50	J- (all detects) UJ (all non-detects)	P

SDG	Date (Calibration ID)	Analyte	%R (Limits)	Associated Samples	Flag	A or P
IPL0840	12/18/06 (6L16054-BSI)	Hexavalent chromium	87 (90-110)	FPS-14D-0.5 FPS-14D-05 FPS-14D-10	UJ (all non-detects)	P
IPK1028	11/29/06 (CCV (10:41))	Orthophosphate as P	115.8 (90-110)	CPA-09S-0.50 CPA-09S-05	N/A	-
IPK1028	11/28/06 (CCV (05:37))	Orthophosphate as P	135.7 (90-110)	CPA-01D-30 CPA-01D-50	N/A	-
IPK1028	11/28/06 (CCV (09:08))	Orthophosphate as P	114.3 (90-110)	CPA-01D-30 CPA-01D-50	N/A	-
IPL1330	12/27/06 CCV (17:36)	Orthophosphate as P	87.5 (90-110)	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50	UJ (all non-detects)	P
IPL2026 IPL2026 IPL2030	12/29/06 (6L28094-BS1)	Hexavalent chromium	84.9 (90-110)	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 CPA-11S-05 FPS-01S-0.5	UJ (all non-detects)	P

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No contaminant concentrations were found in the initial, continuing and preparation blanks with the following exceptions:

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPK1663	PBS1	Fluoride	1.93 mg/Kg	CPA-02D-05 CPA-02D-10 CPA-02D-30
IPK1663	ICB/CCB	Chloride	0.1200 mg/Kg	CPA-02D-30
IPK1663	ICB/CCB	Fluoride Orthophosphate as P	0.2173 mg/Kg 0.3358 mg/Kg	CPA-02D-05 CPA-02D-10 CPA-02D-30
IPK1663	PBS3	Sulfate	1.73 mg/Kg	CPA-02D-10 CPA-02D-30

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPK1663	ICB/CCB	Sulfate	0.1805 mg/Kg	CPA-02D-10
IPK0823	PBS1	Chloride	1.24 mg/Kg	FTF-21D-50
IPK0823	ICB/CCB	Chloride	0.2081 mg/Kg	FTF-21D-50
IPK0823	ICB/CCB	Chloride Sulfate	0.4064 mg/Kg 0.2779 mg/Kg	CPA-01D-05 CPA-01D-10
IPK1861 IPK2022	PBS1	Chloride	2.27 mg/Kg	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50
IPK1861 IPK2022	PBS1	Sulfate	3.82 mg/Kg	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-03D-05 CPA-03D-10 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50
IPK1861 IPK2022 IPK1865	ICB/CCB	Sulfate	0.1654 mg/Kg	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-03D-05 CPA-03D-10 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-10 CPA-05D-50 CPA-03D-30
IPK1861	PBS2	Sulfate	2.22 mg/Kg	CPA-10S-10
IPK1861	ICB/CCB	Sulfate	0.2310 mg/Kg	CPA-10S-10

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPK1865	PBS1	Chloride Sulfate	2.27 mg/Kg 3.82 mg/Kg	CPA-03D-30
IPK1865	PBS2	Sulfate	2.72 mg/Kg	CPA-03D-50
IPL0840	ICB/CCB	Chloride	1.0388 mg/L	FPS-14D-10
IPL0840 IPL1183	ICB/CCB	Ammonia-N	0.1065 mg/L	FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-9D-0.5
IPL1183 IPL1184 IPL1185	ICB/CCB	Chloride	0.1470 mg/Kg	FPS-9D-0.5 FPS-9D-5 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10
IPL1183 IPL1184	ICB/CCB	Sulfate	0.1938 mg/Kg	FPS-9D-30 FPS-12D-10 FPS-12D-30
IPL1184 IPL1185	ICB/CCB	Sulfate	0.1949 mg/Kg	FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10
IPL1186	ICB/CCB	Chloride Sulfate	0.1206 mg/Kg 0.2081 mg/Kg	FPS-16S-0.5
IPL1186 IPL1533	PB (prep blank)	Sulfate	1.88 mg/Kg	FPS-16S-5 FPS-16S-10 FPS-08D-0.5 FPS-08D-5 FPS-08D-10
IPL1186	ICB/CCB	Sulfate Chloride	0.2348 mg/Kg 0.1189 mg/Kg	FPS-16S-5 FPS-16S-10
IPK1028	PBS1 (prep blank)	Sulfate	2.77 mg/Kg	CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10
IPK1028	ICB/CCB	Sulfate	0.3589 mg/L	CPA-01D-30 CPA-09S-0.50 CPA-09S-05

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPK1028	ICB/CCB	Chloride	0.2223 mg/L	CPA-09S-0.50 CPA-09S-05
IPK1028	ICB/CCB	Sulfate	0.2948 mg/L	CPA-01D-50 CPA-09S-10
IPK2191	ICB/CCB	Chloride	0.3453 mg/Kg	CPA-06D-30 CPA-06D-50
IPK2846 IPK3018 IPK3159	PBS (Prep Blank)	Chloride	1.03 mg/Kg	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 FTF-12D-10 FTF-12D-30 FTF-12D-47 FTF-14S-0.5 FTF-14S-05 FTF-14S-10
IPK2846 IPK3018 IPK3159	ICB/CCB	Chloride	0.1854 mg/Kg	CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-08D-10 FTF-12D-30 FTF-12D-47 FTF-14S-05 FTF-14S-10
IPK3159	ICB/CCB	Chloride	0.1734 mg/Kg	FTF-14S-0.5
IPK3159	PBS2 (Prep Blank)	Chloride	3.07 mg/Kg	FTF-16S-0.5 FTF-16S-05 FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-05 FTF-17S-10 FTF-09D-10 FTF-09D-30
IPK3159	ICB/CCB	Chloride	0.3036 mg/Kg	FTF-16S-0.5 FTF-16S-05
IPK3159	ICB/CCB	Chloride	0.2518 mg/Kg	FTF-16S-10 FTF-15S-0.5 FTF-15S-05 FTF-15S-10 FTF-17S-05 FTF-17S-10 FTF-09D-10

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPK3159 IPL0001 IPL0102 IPL0289	ICB/CCB	Chloride	0.1100 mg/Kg	FTF-17S-0.5 FTF-09D-50 FTF-10D-10 FTF-19S-10 FTF-07D-50 FTF-08D-10 FTF-08D-30
IPK3159	ICB/CCB	Chloride	0.2638 mg/Kg	FTF-09D-30
IPL0001	ICB/CCB	Chloride	0.2845 mg/Kg	FTF-10D-30 FTF-10D-50
IPL0001	ICB/CCB	Chloride	0.2847 mg/Kg	FTF-13D-10
IPL0001	PBS1 (Prep Blank)	Chloride	2.55 mg/Kg	FTF-10D-30 FTF-10D-50 FTF-13D-10 FTF-13D-20 FTF-13D-30
IPL0001	ICB/CCB	Chloride	0.2805 mg/Kg	FTF-13D-20 FTF-13D-30
IPL0289	ICB/CCB	Chloride	0.1343 mg/L	FTF-07D-10 FTF-07D-30 FTF-08D-50
IPL1330 IPL1331 IPL1332	PBW	Sulfate Ammonia as N	1.88 mg/Kg 0.771 mg/Kg	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 FPS-9D-50
IPL1330	ICB/CCB	Sulfate Chloride	0.2330 mg/L 0.1189 mg/L	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20
IPL1331	ICB/CCB	Chloride	0.1189 mg/L	PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20
IPL1331	ICB/CCB	Sulfate	0.2330 mg/L	PSS-04S-0.5 PSS-04S-5 PSS-04S-10
IPL1332	ICB/CCB	Sulfate Chloride	0.2348 mg/L 0.1079 mg/L	FPS-9D-50

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPL1718 IPL1719 IPL1538 IPL1533	PBS (Prep Blank)	Sulfate	1.52 mg/Kg	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-30 FPS-08D-50
IPL1718 IPL1719 IPL1538 IPL1533	ICB/CCB	Sulfate	0.1570 mg/L	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-18D-5 FPS-18D-10 FPS-18D-50 FPS-08D-50
IPL1718 IPL1719	ICB/CCB	Chloride	0.1040 mg/L	FPS-02D-5 FPS-02D-30 FPS-02D-50 FPS-20D-50
IPL1719 IPL1538	ICB/CCB	Chloride	0.1244 mg/L	FPS-20D-30 FPS-18D-5
IPL1920 IPL1919	PBS (Prep Blank)	Chloride	1.50 mg/Kg	FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50
IPL1920 IPL1919	ICB/CCB	Chloride	0.1547 mg/L	FPS-06S-0.5 FPS-06S-5 FPS-06S-10 FPS-19D-5 FPS-19D-50
IPL1920 IPL1919	ICB/CCB	Sulfate	0.1789 mg/L	FPS-06S-5 FPS-19D-5 FPS-19D-10 FPS-19D-30

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPL2026 IPL2028 IPL2029 IPL2030	PBS (Prep Blank)	Chloride Sulfate	1.26 mg/Kg 2.62 mg/Kg	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-05 FPS-01S-0.5 FPS-01S-5 FPS-01S-10
IPL2026 IPL2028	ICB/CCB	Chloride Sulfate	0.1621 mg/L 0.1655 mg/L	FPS-21D-5 FPS-04S-5 FPS-04S-10
IPL2026 IPL2028	ICB/CCB	Fluoride	0.1688 mg/L	FPS-21D-5 FPS-21D-30 FPS-04S-5 FPS-04S-10
IPL2026 IPL2028 IPL2030	ICB/CCB	Ammonia as N	0.0726 mg/L	FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-01S-0.5 FPS-01S-5 FPS-01S-10
IPL2026	ICB/CCB	Sulfate	0.1655 mg/L	FPS-21D-30
IPL2026 IPL2028 IPL2030	ICB/CCB	Chloride	0.1299 mg/L	FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-01S-0.5
IPL2029	ICB/CCB	Chloride Fluoride Ammonia as N	0.2049 mg/L 0.1688 mg/L 0.0726 mg/L	CPA-11S-05
IPL1533	ICB/CCB	Sulfate	0.2348 mg/L	FPS-08D-0.5 FPS-08D-5 FPS-08D-10
IPL1533	ICB/CCB	Chloride	0.1079 mg/L	FPS-08D-10
IPL1533	ICB/CCB	Chloride	0.1243 mg/L	FPS-08D-0.5 FPS-08D-5
IPL2030	ICB/CCB	Chloride	0.2071 mg/L	FPS-01S-5 FPS-01S-10

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPL1919	ICB/CCB	Chloride	0.1387 mg/L	FPS-19D-10 FPS-19D-30

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPK1663	CPA-02D-05	Fluoride	2.1 mg/Kg	5.0U mg/Kg
IPK1663	CPA-02D-10	Fluoride	2.7 mg/Kg	5.0U mg/Kg
IPK1663	CPA-02D-30	Fluoride	2.7 mg/Kg	5.0U mg/Kg
IPK0823	CPA-01D-05	Chloride	8.3 mg/Kg	8.3U mg/Kg
IPK0823	CPA-01D-10	Chloride	6.3 mg/Kg	6.3U mg/Kg
IPL0840	FPS-14D-0.5	Ammonia-N	2.9 mg/L	5.0U mg/Kg
IPL0840	FPS-14D-05	Ammonia-N	2.9 mg/L	5.0U mg/Kg
IPL0840	FPS-14D-10	Ammonia-N	2.1 mg/L	5.0U mg/Kg
IPL1183	FPS-9D-0.5	Ammonia-N	2.0 mg/Kg	5.0U mg/Kg
IPK1028	CPA-09S-0.50	Chloride	1.9 mg/Kg	5.0U mg/Kg
IPK1028	CPA-09S-05	Chloride	3.2 mg/Kg	5.0U mg/Kg
IPK3159	FTF-17S-05	Chloride	97 mg/Kg	97U mg/Kg
IPL0289	FTF-08D-10	Chloride	1.5 mg/Kg	5.0U mg/Kg
IPL1330	FPS-22D-5	Ammonia as N	1.1 mg/Kg	5.0U mg/Kg
IPL1330	FPS-22D-10	Ammonia as N	0.71 mg/Kg	5.0U mg/Kg
IPL1331	PSS-04S-5	Ammonia as N	1.1 mg/Kg	5.0U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
IPL1331	PSS-04S-10	Ammonia as N	0.74 mg/Kg	5.0U mg/Kg
IPL1332	FPS-9D-50	Ammonia as N	1.1 mg/Kg	5.0U mg/Kg
IPL2026	FPS-21D-5	Fluoride	3.7 mg/Kg	5.0U mg/Kg
IPL2026	FPS-21D-10	Ammonia as N	0.070 mg/Kg	5.0U mg/Kg
IPL2026	FPS-21D-50	Ammonia as N	3.3 mg/Kg	5.0U mg/Kg
IPL2028	FPS-04S-0.5	Ammonia as N	1.8 mg/Kg	5.0U mg/Kg
IPL2028	FPS-04S-5	Fluoride Ammonia as N	2.3 mg/Kg 0.76 mg/Kg	5.0U mg/Kg 5.0U mg/Kg
IPL2028	FPS-04S-10	Fluoride	2.7 mg/Kg	5.0U mg/Kg
IPL2029	CPA-11S-05	Chloride Fluoride	9.8 mg/Kg 1.6 mg/Kg	9.8U mg/Kg 5.0U mg/Kg
IPL2030	FPS-01S-0.5	Ammonia as N	0.70 mg/Kg	5.0U mg/Kg
IPL2030	FPS-01S-5	Ammonia as N	0.83 mg/Kg	5.0U mg/Kg
IPL2030	FPS-01S-10	Ammonia as N	0.87 mg/Kg	5.0U mg/Kg

No field blanks were identified in these SDGs.

IV. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) analyses were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK1663 IPK2846	CPA-02D-05MS/MSD (CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50)	Ammonia as N	56 (75-125)	54 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPK0823	CPA-01D-10MS/MSD (CPA-01D-05 CPA-01D-10)	Ammonia as N	45 (75-125)	45 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPK1861 IPK1865 IPK2022	CPA-02D-50MS/MSD (CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-30 CPA-05D-50)	Ammonia as N	60 (75-125)	60 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPL0840	FPS-14D-0.5MS/MSD (FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-9D-0.5)	Ammonia-N	58 (75-125)	58 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPL0083 IPL1184 IPL1185 IPL1186	FPS-9D-5MS/MSD (FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10)	Ammonia-N	-	73 (75-125)	-	J- (all detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPK1028	CPA-01D-30MS/MSD (CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10)	Ammonia as N	39 (75-125)	39 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPK2191	CPA-06D-05MS/MSD (CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10)	Ammonia as N	40 (75-125)	38 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPL1330 IPL1331 IPL1332	PSS-04S-20MS/MSD (FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50)	Ammonia as N	66 (75-125)	64 (75-125)	-	J- (all detects) UJ (all non-detects)	A
IPL1718 IPL1719 IPL1538 IPL1533	FPS-08D-0.5MS/MSD (FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50)	Ammonia as N	53 (75-125)	56 (75-125)	-	J- (all detects) UJ (all non-detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
IPL2026 IPL2028 IPL2029 IPL2030 IPL1919	FPS-19D-10MS/MSD (FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 CPA-11S-05 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50)	Ammonia as N	55 (75-125)	58 (75-125)	-	J- (all detects) UJ (all non-detects)	A

V. Duplicates

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Relative percent differences (RPD) were within QC limits.

VI. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VII. Sample Result Verification

All sample result verifications were acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Wet Chemistry - Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Analyte	Flag	A or P	Reason
IPK1861 IPK1865 IPL0840 IPL2026 IPL2029 IPL2030	CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 CPA-11S-05 FPS-01S-0.5	Hexavalent chromium	UJ (all non-detects)	P	Calibration (%R)
IPL1330	FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50	Orthophosphate as P	UJ (all non-detects)	P	Calibration (%R)
IPK0823 IPK1861	CPA-01D-05 CPA-01D-10 CPA-02D-50	Ammonia as N	J- (all detects) UJ (all non-detects)	P	Calibration (ICV %R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPK1663 IPK0823 IPK1861 IPK1865 IPL0840 IPL1183 IPL1184 IPL1185 IPL1186 IPK1028 IPK2191 IPK2846 IPK2022 IPL1330 IPL1331 IPL1332	CPA-02D-05 CPA-02D-10 CPA-02D-30 CPA-01D-05 CPA-01D-10 CPA-02D-50 CPA-10S-0.50 CPA-10S-05 CPA-10S-10 CPA-03D-05 CPA-03D-10 CPA-03D-30 CPA-03D-50 FPS-14D-0.5 FPS-14D-05 FPS-14D-10 FPS-9D-0.5 FPS-9D-5 FPS-9D-10 FPS-9D-30 FPS-12D-0.5 FPS-12D-5 FPS-12D-10 FPS-12D-30 FPS-12D-50 FPS-11S-0.5 FPS-11S-5 FPS-11S-10 FPS-16S-0.5 FPS-16S-5 FPS-16S-10 CPA-01D-30 CPA-01D-50 CPA-09S-0.50 CPA-09S-05 CPA-09S-10 CPA-06D-05 CPA-06D-10 CPA-06D-30 CPA-06D-50 CPA-12S-0.50 CPA-12S-05 CPA-12S-10 CPA-07D-05 CPA-07D-10 CPA-07D-30 CPA-07D-50 CPA-08D-05 CPA-08D-10 CPA-08D-30 CPA-08D-50 CPA-04D-05 CPA-04D-10 CPA-04D-30 CPA-04D-50 CPA-05D-0.5 CPA-05D-05 CPA-05D-10 CPA-05D-10 CPA-05D-50 FPS-22D-5 FPS-22D-10 FPS-22D-30 FPS-22D-50 PSS-04S-0.5 PSS-04S-5 PSS-04S-10 PSS-04S-20 FPS-9D-50	Ammonia as N	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)

SDG	Sample	Analyte	Flag	A or P	Reason
IPL1718 IPL1719 IPL2026 IPL2028 IPL1538 IPL2029 IPL1533 IPL2030 IPL1919	FPS-02D-0.5 FPS-02D-5 FPS-02D-10 FPS-02D-30 FPS-02D-50 FPS-20D-5 FPS-20D-10 FPS-20D-30 FPS-20D-50 FPS-21D-5 FPS-21D-10 FPS-21D-30 FPS-21D-50 FPS-04S-0.5 FPS-04S-5 FPS-04S-10 FPS-18D-5 FPS-18D-10 FPS-18D-30 FPS-18D-50 CPA-11S-05 FPS-08D-0.5 FPS-08D-5 FPS-08D-10 FPS-08D-30 FPS-08D-50 FPS-01S-0.5 FPS-01S-5 FPS-01S-10 FPS-19D-5 FPS-19D-10 FPS-19D-30 FPS-19D-50	Ammonia as N	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPK1663	CPA-02D-05	Fluoride	5.0U mg/Kg	A
IPK1663	CPA-02D-10	Fluoride	5.0U mg/Kg	A
IPK1663	CPA-02D-30	Fluoride	5.0U mg/Kg	A
IPK0823	CPA-01D-05	Chloride	8.3U mg/Kg	A
IPK0823	CPA-01D-10	Chloride	6.3U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL0840	FPS-14D-0.5	Ammonia-N	5.0U mg/Kg	A
IPL0840	FPS-14D-05	Ammonia-N	5.0U mg/Kg	A
IPL0840	FPS-14D-10	Ammonia-N	5.0U mg/Kg	A
IPL1183	FPS-9D-0.5	Ammonia-N	5.0U mg/Kg	A
IPK1028	CPA-09S-0.50	Chloride	5.0U mg/Kg	A
IPK1028	CPA-09S-05	Chloride	5.0U mg/Kg	A
IPK3159	FTF-17S-05	Chloride	97U mg/Kg	A
IPL0289	FTF-08D-10	Chloride	5.0U mg/Kg	A
IPL1330	FPS-22D-5	Ammonia as N	5.0U mg/Kg	A
IPL1330	FPS-22D-10	Ammonia as N	5.0U mg/Kg	A
IPL1331	PSS-04S-5	Ammonia as N	5.0U mg/Kg	A
IPL1331	PSS-04S-10	Ammonia as N	5.0U mg/Kg	A
IPL1332	FPS-9D-50	Ammonia as N	5.0U mg/Kg	A
IPL2026	FPS-21D-5	Fluoride	5.0U mg/Kg	A
IPL2026	FPS-21D-10	Ammonia as N	5.0U mg/Kg	A
IPL2026	FPS-21D-50	Ammonia as N	5.0U mg/Kg	A
IPL2028	FPS-04S-0.5	Ammonia as N	5.0U mg/Kg	A
IPL2028	FPS-04S-5	Fluoride Ammonia as N	5.0U mg/Kg 5.0U mg/Kg	A
IPL2028	FPS-04S-10	Fluoride	5.0U mg/Kg	A
IPL2029	CPA-11S-05	Chloride Fluoride	9.8U mg/Kg 5.0U mg/Kg	A

SDG	Sample	Analyte	Modified Final Concentration	A or P
IPL2030	FPS-01S-0.5	Ammonia as N	5.0U mg/Kg	A
IPL2030	FPS-01S-5	Ammonia as N	5.0U mg/Kg	A
IPL2030	FPS-01S-10	Ammonia as N	5.0U mg/Kg	A

Supplemental Soil Investigation, Henderson, Nevada (732.30)
Wet Chemistry - Field Blank Data Qualification Summary - SDGs IPK0823, IPK1028, IPK1663, IPK1861, IPK1865, IPK2022, IPK2191, IPK2846, IPK3018, IPK3159, IPL0001, IPL0102, IPL0289, IPL0654, IPL0840, IPL1183, IPL1184, IPL1185, IPL1186, IPL1330, IPL1331, IPL1332, IPL1533, IPL1538, IPL1718, IPL1719, IPL1919, IPL1920, IPL2026, IPL2028, IPL2029, IPL2030

No Sample Data Qualified in these SDGs

ATTACHMENT P2

Wet Chemistry Water Data Validation Report

Phosphorus by EPA Method 365.3
Alkalinity by Standard Method 2320B
Hexavalent Chromium by EPA SW 846 Method 7199
Cyanide by EPA SW 846 Method 9014
pH by EPA SW 846 Methods 9040B
Chloride by EPA SW 846 Method 9056

I. Technical Holding Times

All technical holding time requirements were met with the following exceptions:

SDG	Sample	Analyte	Total Hours From Sample Collection Until Analysis	Required Holding Time (in Hours) From Sample Collection Until Analysis	Flag	A or P
IPL0003	FTF-10D-GW	Hexavalent chromium	50	24	R (all non-detects)	P
IPL0003	FTF-10D-GW	pH	49.75	48	J- (all detects)	P

Non-detected sample concentrations were qualified as unusable (R) due to a gross exceedance (>2X) of holding time.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

All criteria for the initial calibration of each method were met.

b. Calibration Verification

Calibration verification frequency and analysis criteria were met for each method when applicable.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No contaminant concentrations were found in the initial, continuing and preparation blanks with the following exceptions:

SDG	Method Blank ID	Analyte	Concentration	Associated Samples
IPK3019	PBW (Prep Blank)	Chloride	0.151 mg/L	FTF-12D-GW
IPK3019	ICB/CCB	Chloride	0.1734 mg/L	FTF-12D-GW

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated method blanks.

No field blanks were identified in these SDGs.

IV. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in these SDGs, and therefore matrix spike and matrix spike duplicate analyses were not performed for these SDGs.

V. Duplicates

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VI. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VII. Sample Result Verification

All sample result verifications were acceptable for samples on which an EPA Level IV review was performed. Raw data were not evaluated for the samples reviewed by Level III criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

No field duplicates were identified in these SDGs.

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Wet Chemistry - Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

SDG	Sample	Analyte	Flag	A or P	Reason
IPL0003	FTF-10D-GW	Hexavalent chromium	R (all non-detects)	P	Technical holding times
IPL0003	FTF-10D-GW	pH	J- (all detects)	P	Technical holding times

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

Supplemental Groundwater Investigation, Henderson, Nevada (732.30)
Wet Chemistry - Field Blank Data Qualification Summary - SDGs IPK3019, IPL0003, IPL0290, IPL0841

No Sample Data Qualified in these SDGs

APPENDIX D

DATA VALIDATION AND LABORATORY REPORTS – PES

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

LDC #16672
May 1, 2007

PES Environmental, Inc.
1682 Novato Blvd, Suite 100
Novato, CA 94947
ATTN: Mr. Marcus Trotta

SUBJECT: Data Validation Summary Report

Dear Mr. Trotta,

Enclosed is the Data Validation Summary Report Work Plan Addendum Results of Additional Vadose Zone Charaterization Program Former Stauffer Chemical Company Facility, Henderson, Nevada, January 2007 project.

We appreciate this opportunity to support PES Environmental Inc. in the performance of this project. Please feel free to call me at (760) 634-0437 if you have any questions.

Please feel free to contact us if you have any questions.

Sincerely,

Stella S. Cuenco
Project Manager/Senior Chemist

V:\LOGIN\PES\Henderson\16672PAR.wpd

Data Validation Summary Report
Work Plan Addendum
Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling
Former Stauffer Chemical Company Facility
Henderson, Nevada
January 2007

Prepared for

PES Environmental, Inc.
1682 Novato Boulevard, Suite 100
Novato, California 94947

Prepared by

Laboratory Data Consultants
7750 El Camino Real, Suite 2C
Carlsbad, California 92009

May 1, 2007

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LIST OF ACRONYMS AND ABBREVIATIONS

DQO	Data Quality Objectives
DVSR	Data Validation Summary Report
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
LDC	Laboratory Data Consultants, Inc.
MS/MSD	Matrix Spike / Matrix Spike Duplicate
NDEP	Nevada Division of Environmental Protection
PARCC	Precision, Accuracy, Representativeness, Comparability, Completeness
PCB	Polychlorinated Biphenyl
PES	PES Environmental Inc.
QA/QC	Quality Assurance / Quality Control
RPD	Relative Percent Difference
SDG	Sample Delivery Group
SMC	Stauffer Management Company
ug/Kg	Micrograms per Kilogram
USEPA	United States Environmental Protection Agency
%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

1.0 INTRODUCTION

This data validation summary report (DVSR) has been prepared by Laboratory Data Consultants, Inc. (LDC) to assess the validity and usability of laboratory analytical data from a soil sampling program conducted at the former Stauffer Chemical Company (Stauffer) facility in Henderson, Nevada. The soil sampling program was performed by PES Environmental Inc. (PES) as a part of the *Work Plan Addendum for Additional Vadose Zone Characterization – Surface Soil Sampling* dated January 5, 2007 (PES, 2007) and included the collection and analyses of 145 soil samples. The analyses were performed by the following methods:

Chlorinated Pesticides by EPA SW 846 Method 8081A
Polychlorinated Biphenyls (PCBs) by EPA SW 846 Method 8082

Laboratory analytical services were provided by Alpha Analytical, Inc. The samples were grouped into sample delivery groups (SDGs) of up to 55 field samples received by the laboratory. The environmental samples are associated with QA/QC samples designed to document the data quality of the entire SDG or a sub-group of samples within an SDG. Table I is a cross-reference table listing each sample, analysis, SDG, collection date, laboratory sample number, and matrix. All shaded samples in Table I were reviewed under U.S. EPA Region IX Tier 3 guidelines.

The laboratory analytical data were validated in accordance with procedures described in the Nevada Division of Environmental Protection (NDEP) *Data Verification and Validation Requirements* established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, May 3, 2006. Consistent with the NDEP requirements, approximately ten percent of the analytical data were validated according to U.S. EPA Region IX Tier 3 data validation procedures and ninety percent of the analytical data were validated according to U.S. EPA Region IX Tier 2 data validation procedures. The analytical data were evaluated for quality assurance and quality control (QA/QC) based on the following documents: *Quality Assurance Project Plan Site-wide Soil and Groundwater Investigations Former Montrose and Stauffer Sites, Henderson, Nevada (*QAPP), Revision 1.0, October 26, 2006, *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999, and the *EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste,* update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness, and comparability (PARCC) relative to the project data quality objectives (DQOs). This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability.

The PARCC summary report evaluates and summarizes the results of QA/QC data validation for the entire sampling program. Each analytical fraction has a separate section for each of the PARCC criteria. These sections interpret specific QC deviations and their effects on both individual data points and the analyses as a whole. Section 5 presents a summary of the PARCC criteria by comparing quantitative parameters with acceptability criteria defined in the project DQO's. Qualitative PARCC criteria are also summarized in this section.

Precision and Accuracy of Environmental Data

Environmental data quality depends on sample collection procedures, analytical methods and instrumentation, documentation, and sample matrix properties. Both sampling procedures and laboratory analyses contain potential sources of uncertainty, error, and/or bias, which affect the overall quality of a measurement. Errors for sample data may result from incomplete equipment decontamination, inappropriate sampling techniques, sample heterogeneity, improper filtering, and improper preservation. The accuracy of analytical results is dependent on selecting appropriate analytical methods, maintaining equipment properly, and complying with QC requirements. The sample matrix also is an important factor in the ability to obtain precise and accurate results within a given media.

Environmental and laboratory QA/QC samples assess the effects of sampling procedures and evaluate laboratory contamination, laboratory performance, and matrix effects. QA/QC samples include: trip blanks, equipment equipment blanks, field duplicates, method blanks, laboratory control samples and laboratory control sample duplicates (LCS/LCSDs), surrogate spikes, matrix spike/matrix spike duplicates (MS/MSDs), and laboratory duplicates.

Before conducting the PARCC evaluation, the analytical data were validated according to the Quality Assurance Project Plan (October 2006), the Functional Guidelines for Organic Data Review (USEPA 1999), and EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste. Samples not meeting the acceptance criteria were qualified with a flag, an abbreviation indicating a deficiency with the data. The following are flags used in data validation.

J- <u>Estimated</u> The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise.

J+ <u>Estimated</u> The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise.

J <u>Estimated</u> The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

NJ <u>Presumptive/Estimated</u> The analysis indicates the presence of the analyte for which there is presumptive evidence and the associated numerical value is an estimated quantity.

R <u>Rejected</u> The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte.

U <u>Nondetected</u> Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result detected in an environmental sample at a concentration less than 5 times the concentration in any associated blank for all contaminants.

UJ Estimated/Nondetected Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

Once the data are reviewed and qualified according to the QAPP and the functional guidelines, the data set is then evaluated using PARCC criteria. PARCC criteria provide an evaluation of overall data usability. The following is a discussion of PARCC criteria as related to the project DQOs.

Precision is a measure of the agreement or reproducibility of analytical results under a given set of conditions. It is a quantity that cannot be measured directly but is calculated from percent recovery data. Precision is expressed as the relative percent difference (RPD):

$$RPD = (D1-D2)/\{1/2(D1+D2)\} \times 100$$

Where D1 and D2 are the reported concentrations for sample and duplicate analyses. Precision is primarily assessed by calculating an RPD from the percent recoveries of the spiked compounds for each sample in the MS/MSD pair. In the absence of an MS/MSD pair, a laboratory duplicate or LCS/LCSD pair can be analyzed as an alternative means of assessing precision. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples.

MS and MSD samples are field samples spiked by the laboratory with target analytes prior to preparation and analysis. These samples measure the overall efficiency of the analytical method in recovering target analytes from an environmental matrix. A LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. Non-aqueous LCSs are prepared using solid media approved by the American Society for Testing and Materials (ASTM) for their homogeneity. The LCS measures laboratory efficiency in recovering target analytes from either a solid or aqueous matrix in the absence of matrix interferences.

An RPD outside the numerical QC limit in either MS/MSD samples or LCS/LCSD indicates imprecision. Imprecision is the variance in the consistency with which the laboratory arrives at a particular reported result. Thus, the actual analyte concentration may be higher or lower than the reported result.

Possible causes of poor precision include sample matrix interference, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results maybe reported in either the primary or duplicate samples at levels below the reporting limit or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and samples containing surrogate spikes. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Surrogate spikes are either isotopically labeled compounds or compounds that are not typically detected in the samples. Surrogate spikes are added to every blank, environmental sample, LCS, MS/MSD, and standard, for the pesticide and PCB analyses.

Percent recovery (%R) is calculated using the following equation:

$$\%R = (A-B)/C \times 100$$

where:
A = measured concentration in the spiked sample
B = measured concentration of the spike compound in the unspiked sample
C = concentration of the spike

The percent recovery of each analyte spiked in MS/MSD samples, LCS, and surrogate compounds added to environmental samples is evaluated with the acceptance criteria specified by the previously noted documents. Spike recoveries outside the acceptable QC accuracy limits provide an indication of bias, where the reported data may overestimate or underestimate the actual concentration of compounds detected or quantitation limits reported for environmental samples.

Representativeness is a qualitative parameter that expresses the degree to which the sample data are characteristic of a population. It is evaluated by reviewing the QC results of blanks, samples and holding times. Positive detects of compounds in the blank samples identify compounds that may have been introduced into the samples during sample collection, transport, preparation, or analysis.

A method blank is a laboratory grade water or solid matrix that contains the method reagents and has undergone the same preparation and analysis as the environmental samples. The method blank provides a measure of the combined contamination derived from the laboratory source water, glassware, instruments, reagents, and sample preparation steps. Method blanks are prepared for each sample of a similar matrix extracted by the same method at a similar concentration level.

Contaminants found in both the environmental sample and a blank sample are assumed to be laboratory artifacts if the concentration in the environmental sample is less than 5 times the blank value.

Holding times are evaluated to assure that the sample integrity is intact for accurate sample preparation and analysis. Holding times will be specific for each method and matrix analyzed. Holding time exceedances can cause loss of sample constituents due to biodegradation, precipitation, volatization, and chemical degradation.

Comparability is a qualitative expression of the confidence with which one data set may be compared to another. It provides an assessment of the equivalence of the analytical results to data obtained from other analyses. It is important that data sets be comparable if they are used in conjunction with other data sets. The factors affecting comparability include the following: sample collection and handling techniques, matrix type, and analytical method. If these aspects of sampling and analysis are carried out according to standard analytical procedures, the data

are considered comparable. Comparability is also dependent upon other PARCC criteria, because only when precision, accuracy, and representativeness are known can data sets be compared with confidence.

Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results. Completeness is evaluated to determine if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. Completeness equals the total number of sample results for each fraction minus the total number of rejected sample results divided by the total number of sample results multiplied by 100. As specified in the project DQOs, the goal for completeness for target analytes in each analytical fraction is 90 percent.

Percent completeness is calculated using the following equation:

$$\%C = (T - R)/T \times 100$$

where:
%C = percent completeness
T = total number of sample results
R = total number of rejected sample results

Completeness is also determined by comparing the planned number of samples per method and matrix as specified in the QAPP, with the number determined above.

The following sections present a review of QC data for each analytical method.

2.0 CHLORINATED PESTICIDES

A total of 145 soil samples were analyzed for pesticides by EPA SW 846 Method 8081A. All pesticide data were assessed to be valid with the exception of three of the 2900 total results, which were rejected based on percent breakdown exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

2.1 Precision and Accuracy

2.1.1 Instrument Calibration

Initial and continuing calibration results provide a means of evaluating accuracy within a particular SDG. Percent relative standard deviation (%RSD) and percent recovery (%R) are the two major parameters used to measure the effectiveness of instrument calibration. %RSD is an indication of deviation of individual calibration standards compared to the average response of the initial multi-point instrument calibration. %R is a comparison of a continuing calibration instrumental response with its initial response. %RSD and %R exceedances suggest more routine instrumental anomalies, which typically impact all sample results for the affected compounds.

In the case where %RSD was greater than 20 percent, a calibration curve was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990. The percent recoveries (%R) in the initial calibration verification met the acceptance criteria of 85-115 percent.

One hundred eighty-seven results for several samples were qualified as detected estimated (J+,J-) or non-detected estimated (UJ). The %Rs between the initial calibration and the continuing calibration concentrations were outside the acceptance criteria 85-115 percent. The details regarding the qualification of results are presented in Attachment A, Section IV.

2.1.2 Percent Breakdown

4,4'-DDT and endrin are easily degraded in the injection port. Breakdown or degradation occurs when the injection port is contaminated, chemically active or too hot. A standard containing only 4,4'-DDT and endrin is analyzed at the beginning of each 12-hour shift to check for degradation problems.

Three 4,4'-DDT results for samples SS-EC-10, SS-EC-12 and SS-EC-18 were qualified as rejected (R). Additionally, five 4,4'-DDE and 4,4'-DDT results were qualified as presumptive estimated (NJ) or detected estimated (J). The percent breakdown for 4,4'-DDT was outside the acceptance criteria of 15 percent. The details regarding the qualification of results are presented in Attachment A, Section IV.

2.1.3 Surrogates

No data were qualified based on surrogate recovery nonconformances. In cases where individual recoveries exceeded criteria, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

2.1.4 MS/MSD Samples

Due to an MS/MSD RPD outside acceptance criteria, the endosulfan II result for sample SS-EC-17 was qualified as non-detected estimated (UJ). No data were qualified due to high MS/MSD %Rs. The associated sample results were non-detected. The details regarding the MS/MSD non-conformances are presented in Attachment A, Section VII.

2.1.5 LCS Samples

Due to LCS/LCSD RPDs outside acceptance criteria, 36 endrin aldehyde and endrin results were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment A, Section VIII.

2.1.6 Compound Quantitation and Target Identification

All target identification was found to be acceptable.

Due to compound quantitation nonconformances (i.e., RPD between two columns > 40.0%), 17 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, beta-BHC, delta-BHC and endosulfan I results for several samples were qualified as detected estimated (J). The details regarding the qualification of results are presented in Attachment A, Section XII.

2.2 Representativeness

2.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

2.2.2 Blanks

Method blanks were analyzed to evaluate representativeness. The concentration for an individual target compound wase used for data qualification.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation. The corrective action consisted of amending the laboratory reported results for organic compounds based on the following criteria. The validation qualifier codes used in the blank summary tables are described below.

> Results Below the RL If a sample result for the blank contaminant was less than the RL and less than 5 times the blank value, the sample result was amended as a non-detected at the RL for the target compound.
>
> Results Above the RL If a sample result for the blank contaminant was greater than the sample RL and less than 5 times the blank value, the sample result for the blank contaminant was amended as an estimated non-detect at the concentration reported in the sample results.
>
> No Action If a sample result for the blank contaminant was greater than 10 times the blank value for common contaminants or 5 times the blank value for other contaminants, the result was not amended.

2.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

2.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

2.4 Completeness

The completeness level attained for pesticide field samples was 99.9 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

3.0 POLYCHLORINATED BIPHENYLS

A total of 7 soil samples were analyzed for PCBs by EPA SW 846 Method 8082. All PCB data were assessed to be valid since none of the 49 total results were rejected based on holding time and QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCC criteria and evaluated based on the DQOs.

3.1 Precision and Accuracy

3.1.1 Instrument Calibration

As previously discussed in Section 2.1.1, initial and continuing calibration results provide a means of evaluating accuracy.

In the case where %RSD was greater than 20 percent, a calibration curve was established for quantitation. The coefficient of determination (r^2) was greater than or equal to 0.990. The %Rs in the continuing calibration and initial calibration verification met the acceptance criteria of 85-115 percent.

3.1.2 Surrogates

No data were qualified based on surrogate recovery nonconformances. In cases where individual recoveries exceeded criteria, the QC exceedance was judged to have no impact on the data quality and no qualifications were made.

3.1.3 MS/MSD Samples

Due to an MS/MSD RPD outside acceptance criteria, four results for Aroclor 1242, Aroclor 1248, Aroclor 1254 and Aroclor 1260 for sample SS-EC-20 were qualified as non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment B, Section VII.

3.1.4 LCS Samples

All LCS %Rs were within the acceptance criteria.

3.1.5 Compound Quantitation and Target Identification

All compound quantitation and target identification were found to be acceptable.

3.2 Representativeness

3.2.1 Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All holding times were met.

3.2.2 Blanks

As previously discussed in Section 2.2.2, method blanks were analyzed to evaluate representativeness.

3.2.2.1 Method Blanks

No contaminants were detected in the method blanks for this analysis.

3.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the method detection limits attained were at or below the reporting limit. Target compounds detected below the reporting limits flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

3.4 Completeness

The completeness level attained for PCB field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

4.0 VARIANCES IN ANALYTICAL PERFORMANCE

The laboratory used standard analytical methods for all of the analyses throughout the project. No systematic variances in analytical performance were noted according to the laboratory case narratives.

5.0 SUMMARY OF PARCC CRITERIA

The validation reports present the PARCC results for all SDGs. Each PARCC criterion is discussed in detail in the following sections.

5.1 Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as MS/MSD, LCS, and surrogates. The precision and accuracy of the data set were considered acceptable after integration of qualification of estimated results as specifically noted in the data validation reports.

5.2 Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable.

5.3 Comparability

The laboratory used standard analytical methods for their analyses. The analytical results were reported in correct standard units. Holding times, sample preservation, and sample integrity were within QC criteria. The overall comparability is considered acceptable.

5.4 Completeness

Of the 2949 total analytes reported, 3 of the sample results were rejected. The completeness for all SDGs is as follows:

Parameter/Method	Total Analytes	No. of Rejects	% Completeness
Chlorinated Pesticides	2900	3	99.9
PCB	49	0	100
Total	**2949**	**3**	**99.9**

The completeness percentage based on rejected data met the 90 percent DQO goal.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The analytical data quality assessment for the soil sample laboratory analytical results generated during implementation of the *Work Addendum Plan for Additional Vadose Zone Characterization – Surface Soil Sampling* at the former Stauffer facility in Henderson, Nevada established that the overall project requirements and completeness levels were met. The data are considered usable for the intended purpose with the exception of 3 rejected results.

7.0 REFERENCES

NDEP Data Verification and Validation Requirements established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, May 3, 2006,

PES Environmental, Inc. 2007 *Work Plan Addendum for Additional Vadose Zone Characterization – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada*, January 2007,

*Quality Assurance Project Plan Site-wide Soil and Groundwater Investigations Former Montrose and Stauffer Sites, Henderson, Nevada (*QAPP), Revision 1.0, October 26, 2006,

Region 9 Superfund Data Evaluation/Validation Guidance, R6QA/006.1, Draft, December 2001,

USEPA 1999. *Contract Laboratory Program National Functional Guidelines for Organic Data Review*, October 1999,

USEPA 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, October 2004,

USEPA 2005. *Contract Laboratory Program National Functional Guidelines for Chlorinated Dioxin and Dibenzofuran Data Review*, September 2005,

____,1996. EPA SW 846 *Third Edition, Test Methods for Evaluating Solid Waste, update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December*

Table I

Sample Cross-Reference

SDG#: PEI07012501 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356A

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-139	07012501-01	soil	01/24/07	X											
SS-EC-140	07012501-02	soil	01/24/07	X											
SS-EC-141	07012501-03	soil	01/24/07	X											
SS-EC-142	07012501-04	soil	01/24/07	X											
SS-EC-143	07012501-05	soil	01/24/07	X											
SS-EC-144	07012501-06	soil	01/24/07	X											
SS-EC-145	07012501-07	soil	01/24/07	X											
SS-EC-146	07012501-08	soil	01/24/07	X											
SS-EC-147	07012501-09	soil	01/24/07	X											
SS-EC-148	07012501-10	soil	01/24/07	X											
SS-EC-137	07012501-11	soil	01/24/07	X											
SS-EC-138	07012501-12	soil	01/24/07	X											
SS-EC-130	07012501-13	soil	01/24/07	X											
SS-EC-131	07012501-14	soil	01/24/07	X											
SS-EC-132	07012501-15	soil	01/24/07	X											
SS-EC-133	07012501-16	soil	01/24/07	X											
SS-EC-134	07012501-17	soil	01/24/07	X											
SS-EC-135	07012501-18	soil	01/24/07	X											
SS-EC-136	07012501-19	soil	01/24/07	X											
SS-EC-121	07012501-20	soil	01/24/07	X											
SS-EC-122	07012501-21	soil	01/24/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012501 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356A

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-123	07012501-22	soil	01/24/07	X											
SS-EC-124	07012501-23	soil	01/24/07	X											
SS-EC-125	07012501-24	soil	01/24/07	X											
SS-EC-126	07012501-25	soil	01/24/07	X											
SS-EC-127	07012501-26	soil	01/24/07	X											
SS-EC-128	07012501-27	soil	01/24/07	X											
SS-EC-129	07012501-28	soil	01/24/07	X											
SS-EC-119	07012501-29	soil	01/24/07	X											
SS-EC-110	07012501-30	soil	01/24/07	X											
SS-EC-109	07012501-31	soil	01/24/07	X											
SS-EC-108	07012501-32	soil	01/24/07	X											
SS-EC-107	07012501-33	soil	01/24/07	X											
SS-EC-149	07012501-34	soil	01/24/07	X											
SS-EC-150	07012501-35	soil	01/24/07	X	X										
SS-EC-145MS	07012501-07MS	soil	01/24/07	X											
SS-EC-145MSD	07012501-07MSD	soil	01/24/07	X											
SS-EC-126MS	07012501-25MS	soil	01/24/07	X											
SS-EC-126MSD	07012501-25MSD	soil	01/24/07	X											
SS-EC-150MS	07012501-35MS	soil	01/24/07		X										
SS-EC-150MSD	07012501-35MSD	soil	01/24/07		X										

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012502 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356B

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-62	07012502-01	soil	01/23/07	X											
SS-EC-63	07012502-02	soil	01/23/07	X											
SS-EC-65	07012502-03	soil	01/23/07	X											
SS-EC-66	07012502-04	soil	01/23/07	X											
SS-EC-58	07012502-05	soil	01/23/07	X											
SS-EC-64	07012502-06	soil	01/23/07	X											
SS-EC-104	07012502-07	soil	01/23/07	X											
SS-EC-68	07012502-08	soil	01/23/07	X											
SS-EC-67	07012502-09	soil	01/23/07	X											
SS-EC-69	07012502-10	soil	01/23/07	X											
SS-EC-70	07012502-11	soil	01/23/07	X											
SS-EC-72	07012502-12	soil	01/23/07	X											
SS-EC-71	07012502-13	soil	01/24/07	X											
SS-EC-73	07012502-14	soil	01/24/07	X											
SS-EC-74	07012502-15	soil	01/24/07	X											
SS-EC-77	07012502-16	soil	01/24/07	X											
SS-EC-78	07012502-17	soil	01/24/07	X											
SS-EC-79	07012502-18	soil	01/24/07	X											
SS-EC-76	07012502-19	soil	01/24/07	X											
SS-EC-75	07012502-20	soil	01/24/07	X											
SS-EC-80	07012502-21	soil	01/24/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012502 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356B

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-81	07012502-22	soil	01/24/07	X											
SS-EC-82	07012502-23	soil	01/24/07	X											
SS-EC-83	07012502-24	soil	01/24/07	X											
SS-EC-84	07012502-25	soil	01/24/07	X											
SS-EC-114	07012502-26	soil	01/24/07	X											
SS-EC-115	07012502-27	soil	01/24/07	X											
SS-EC-91	07012502-28	soil	01/24/07	X											
SS-EC-90	07012502-29	soil	01/24/07	X											
SS-EC-85	07012502-30	soil	01/24/07	X											
SS-EC-89	07012502-31	soil	01/24/07	X											
SS-EC-88	07012502-32	soil	01/24/07	X											
SS-EC-92	07012502-33	soil	01/24/07	X											
SS-EC-116	07012502-34	soil	01/24/07	X											
SS-EC-113	07012502-35	soil	01/24/07	X											
SS-EC-112	07012502-36	soil	01/24/07	X											
SS-EC-117	07012502-37	soil	01/24/07	X											
SS-EC-93	07012502-38	soil	01/24/07	X											
SS-EC-94	07012502-39	soil	01/24/07	X											
SS-EC-87	07012502-40	soil	01/24/07	X											
SS-EC-86	07012502-41	soil	01/24/07	X											
SS-EC-111	07012502-42	soil	01/24/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012502 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356B

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-118	07012502-43	soil	01/24/07	X											
SS-EC-120	07012502-44	soil	01/24/07	X											
SS-EC-96	07012502-45	soil	01/24/07	X											
SS-EC-95	07012502-46	soil	01/24/07	X											
SS-EC-97	07012502-47	soil	01/24/07	X											
SS-EC-99	07012502-48	soil	01/24/07	X											
SS-EC-98	07012502-49	soil	01/24/07	X											
SS-EC-101	07012502-50	soil	01/24/07	X											
SS-EC-102	07012502-51	soil	01/24/07	X											
SS-EC-103	07012502-52	soil	01/24/07	X											
SS-EC-105	07012502-53	soil	01/24/07	X											
SS-EC-106	07012502-54	soil	01/24/07	X											
SS-EC-100	07012502-55	soil	01/24/07	X											
SS-EC-77MS	07012502-16MS	soil	01/24/07	X											
SS-EC-77MSD	07012502-16MSD	soil	01/24/07	X											
SS-EC-113MS	07012502-35MS	soil	01/24/07	X											
SS-EC-113MSD	07012502-35MSD	soil	01/24/07	X											
SS-EC-103MS	07012502-52MS	soil	01/24/07	X											
SS-EC-103MSD	07012502-52MSD	soil	01/24/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012340 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356C

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-6	07012340-01	soil	01/22/07	X											
SS-EC-7	07012340-02	soil	01/22/07	X											
SS-EC-8	07012340-03	soil	01/22/07	X											
SS-EC-9	07012340-04	soil	01/22/07	X											
SS-EC-10	07012340-05	soil	01/22/07	X											
SS-EC-11	07012340-06	soil	01/22/07	X											
SS-EC-12	07012340-07	soil	01/22/07	X											
SS-EC-13	07012340-08	soil	01/22/07	X											
SS-EC-14	07012340-09	soil	01/22/07	X											
SS-EC-15	07012340-10	soil	01/22/07	X											
SS-EC-16	07012340-11	soil	01/22/07	X											
SS-EC-17	07012340-12	soil	01/22/07	X											
SS-EC-18	07012340-13	soil	01/22/07	X											
SS-EC-19	07012340-14	soil	01/22/07	X											
SS-EC-20	07012340-15	soil	01/22/07	X	X										
SS-EC-21	07012340-16	soil	01/22/07	X	X										
SS-EC-22	07012340-17	soil	01/22/07	X	X										
SS-EC-23	07012340-18	soil	01/22/07	X											
SS-EC-24	07012340-19	soil	01/22/07	X											
SS-EC-17MS	07012340-12MS	soil	01/22/07	X											
SS-EC-17MSD	07012340-12MSD	soil	01/22/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012340 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356C

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

				Parameters/Analytical Method											
Client ID #	**Lab ID #**	**Matrix**	**Date Collected**	**Pest. (8081A)**	**PCBs (8082)**										
SS-EC-20MS	07012340-15MS	soil	01/22/07		X										
SS-EC-20MSD	07012340-15MSD	soil	01/22/07		X										

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012422 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356D

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-25	07012422-01	soil	01/23/07	X											
SS-EC-26	07012422-02	soil	01/23/07	X											
SS-EC-27	07012422-03	soil	01/23/07	X											
SS-EC-28	07012422-04	soil	01/23/07	X	X										
SS-EC-29	07012422-05	soil	01/23/07	X											
SS-EC-30	07012422-06	soil	01/23/07	X											
SS-EC-32	07012422-07	soil	01/23/07	X											
SS-EC-31	07012422-08	soil	01/23/07	X											
SS-EC-33	07012422-09	soil	01/23/07	X											
SS-EC-34	07012422-10	soil	01/23/07	X											
SS-EC-35	07012422-11	soil	01/23/07	X											
SS-EC-36	07012422-12	soil	01/23/07	X											
SS-EC-37	07012422-13	soil	01/23/07	X											
SS-EC-38	07012422-14	soil	01/23/07	X											
SS-EC-39	07012422-15	soil	01/23/07	X											
SS-EC-40	07012422-16	soil	01/23/07	X											
SS-EC-49	07012422-17	soil	01/23/07	X											
SS-EC-42	07012422-18	soil	01/23/07	X	X										
SS-EC-41	07012422-19	soil	01/23/07	X											
SS-EC-43	07012422-20	soil	01/23/07	X											
SS-EC-44	07012422-21	soil	01/23/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

SDG#: PEI07012422 **SAMPLE CROSS-REFERENCE TABLE** **LDC#:** 16356D

Project Name: Work Plan Addendum Results of Additional Vadose Zone Characterization Program – Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada

Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	Date Collected	Pest. (8081A)	PCBs (8082)										
SS-EC-45	07012422-22	soil	01/23/07	X											
SS-EC-46	07012422-23	soil	01/23/07	X											
SS-EC-47	07012422-24	soil	01/23/07	X											
SS-EC-48	07012422-25	soil	01/23/07	X											
SS-EC-50	07012422-26	soil	01/23/07	X											
SS-EC-51	07012422-27	soil	01/23/07	X											
SS-EC-52	07012422-28	soil	01/23/07	X											
SS-EC-53	07012422-29	soil	01/23/07	X	X										
SS-EC-54	07012422-30	soil	01/23/07	X											
SS-EC-55	07012422-31	soil	01/23/07	X											
SS-EC-56	07012422-32	soil	01/23/07	X											
SS-EC-57	07012422-33	soil	01/23/07	X											
SS-EC-59	07012422-34	soil	01/23/07	X											
SS-EC-60	07012422-35	soil	01/23/07	X											
SS-EC-61	07012422-36	soil	01/23/07	X											
SS-EC-31MS	07012422-08MS	soil	01/23/07	X											
SS-EC-31MSD	07012422-08MSD	soil	01/23/07	X											
SS-EC-59MS	07012422-34MS	soil	01/23/07	X											
SS-EC-59MSD	07012422-34MSD	soil	01/23/07	X											

Shaded cells indicate Tier 3 validation (all other cells are Tier 2 validation)

Table II

Qualification Codes And Definitions

Table II. Qualification Codes and Definitions

Code	Definition
1	Holding Times
2	Sample Preservation (Cooler Temp)
3	Sample Custody
4	Missing Deliverables
5	Calibration
6	Field Blanks
7	Laboratory Blanks
8	Matrix Spike (%)
9	Matrix Spike Duplicate or Duplicate Sample (RPD)
10	Laboratory Control Sample
11	ICP Interference Check
12	RPD Between Two Columns
13	Surrogates
14	Field Duplicates
15	Furnace QC
16	ICP Serial Dilution
17	Chemical Recoveries
18	Trip Blanks
19	Internal Standards
20	Linear Range Exceeded
21	Potential False Positives
22	Do not use, other result more technically sound
23	Other

Table III

Overall Qualified Results

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012422	SS-EC-25	07012422-01A	Soil	1/23/2007	8081A	4,4´-DDE	500	66	µg/Kg	NJ	5
PEI07012422	SS-EC-25	07012422-01A	Soil	1/23/2007	8081A	4,4´-DDT	150	66	µg/Kg	J	5
PEI07012422	SS-EC-25	07012422-01A	Soil	1/23/2007	8081A	beta-BHC	87	33	µg/Kg	J	12
PEI07012422	SS-EC-25	07012422-01A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-29	07012422-05A	Soil	1/23/2007	8081A	4,4´-DDT	49	33	µg/Kg	J	12
PEI07012422	SS-EC-32	07012422-07A	Soil	1/23/2007	8081A	4,4´-DDE	1,600	330	µg/Kg	J+	5
PEI07012422	SS-EC-32	07012422-07A	Soil	1/23/2007	8081A	beta-BHC	730	170	µg/Kg	J+	5
PEI07012422	SS-EC-35	07012422-11A	Soil	1/23/2007	8081A	4,4´-DDE	4,000	660	µg/Kg	J+	5
PEI07012422	SS-EC-37	07012422-13A	Soil	1/23/2007	8081A	4,4´-DDT	78	17	µg/Kg	J	12
PEI07012422	SS-EC-39	07012422-15A	Soil	1/23/2007	8081A	beta-BHC	2,500	330	µg/Kg	J+	5
PEI07012422	SS-EC-49	07012422-17A	Soil	1/23/2007	8081A	4,4´-DDE	500	170	µg/Kg	J	12
PEI07012422	SS-EC-49	07012422-17A	Soil	1/23/2007	8081A	beta-BHC	6,200	850	µg/Kg	J+	5
PEI07012422	SS-EC-41	07012422-19A	Soil	1/23/2007	8081A	Endrin	ND	20	µg/Kg	UJ	5
PEI07012422	SS-EC-41	07012422-19A	Soil	1/23/2007	8081A	Methoxychlor	ND	100	µg/Kg	UJ	5
PEI07012422	SS-EC-43	07012422-20A	Soil	1/23/2007	8081A	Endrin	ND	66	µg/Kg	UJ	5
PEI07012422	SS-EC-43	07012422-20A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-44	07012422-21A	Soil	1/23/2007	8081A	Endrin	ND	33	µg/Kg	UJ	5
PEI07012422	SS-EC-44	07012422-21A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012422	SS-EC-45	07012422-22A	Soil	1/23/2007	8081A	Endrin	ND	66	µg/Kg	UJ	5
PEI07012422	SS-EC-45	07012422-22A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-46	07012422-23A	Soil	1/23/2007	8081A	Endrin	ND	66	µg/Kg	UJ	5
PEI07012422	SS-EC-46	07012422-23A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-47	07012422-24A	Soil	1/23/2007	8081A	Endrin	ND	130	µg/Kg	UJ	5
PEI07012422	SS-EC-47	07012422-24A	Soil	1/23/2007	8081A	Methoxychlor	ND	680	µg/Kg	UJ	5
PEI07012422	SS-EC-48	07012422-25A	Soil	1/23/2007	8081A	Endrin	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-48	07012422-25A	Soil	1/23/2007	8081A	Methoxychlor	ND	1,700	µg/Kg	UJ	5
PEI07012422	SS-EC-50	07012422-26A	Soil	1/23/2007	8081A	Endrin	ND	66	µg/Kg	UJ	5
PEI07012422	SS-EC-50	07012422-26A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-51	07012422-27A	Soil	1/23/2007	8081A	Endrin	ND	86	µg/Kg	UJ	5
PEI07012422	SS-EC-51	07012422-27A	Soil	1/23/2007	8081A	Methoxychlor	ND	430	µg/Kg	UJ	5
PEI07012422	SS-EC-52	07012422-28A	Soil	1/23/2007	8081A	Endrin	ND	66	µg/Kg	UJ	5
PEI07012422	SS-EC-52	07012422-28A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-54	07012422-30A	Soil	1/23/2007	8081A	4,4´-DDT	ND	33	µg/Kg	UJ	5
PEI07012422	SS-EC-54	07012422-30A	Soil	1/23/2007	8081A	alpha-BHC	21	17	µg/Kg	J+	5
PEI07012422	SS-EC-54	07012422-30A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012422	SS-EC-55	07012422-31A	Soil	1/23/2007	8081A	4,4´-DDE	140	33	µg/Kg	J+	5
PEI07012422	SS-EC-55	07012422-31A	Soil	1/23/2007	8081A	4,4´-DDT	110	33	µg/Kg	J	5

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012422	SS-EC-55	07012422-31A	Soil	1/23/2007	8081A	alpha-BHC	130	17	µg/Kg	J+	5
PEI07012422	SS-EC-55	07012422-31A	Soil	1/23/2007	8081A	beta-BHC	31,000	1,700	µg/Kg	J+	5
PEI07012422	SS-EC-55	07012422-31A	Soil	1/23/2007	8081A	gamma-BHC (Lindane)	30	17	µg/Kg	J+	5
PEI07012422	SS-EC-55	07012422-31A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012422	SS-EC-56	07012422-32A	Soil	1/23/2007	8081A	4,4´-DDE	180	33	µg/Kg	J+	5
PEI07012422	SS-EC-56	07012422-32A	Soil	1/23/2007	8081A	4,4´-DDT	97	33	µg/Kg	J	5
PEI07012422	SS-EC-56	07012422-32A	Soil	1/23/2007	8081A	alpha-BHC	23	17	µg/Kg	J+	5
PEI07012422	SS-EC-56	07012422-32A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012422	SS-EC-57	07012422-33A	Soil	1/23/2007	8081A	4,4´-DDE	23	20	µg/Kg	J+	5
PEI07012422	SS-EC-57	07012422-33A	Soil	1/23/2007	8081A	4,4´-DDT	ND	20	µg/Kg	UJ	5
PEI07012422	SS-EC-57	07012422-33A	Soil	1/23/2007	8081A	alpha-BHC	11	10	µg/Kg	J+	5
PEI07012422	SS-EC-57	07012422-33A	Soil	1/23/2007	8081A	Methoxychlor	ND	100	µg/Kg	UJ	5
PEI07012422	SS-EC-59	07012422-34A	Soil	1/23/2007	8081A	4,4´-DDT	ND	33	µg/Kg	UJ	5
PEI07012422	SS-EC-59	07012422-34A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012422	SS-EC-60	07012422-35A	Soil	1/23/2007	8081A	4,4´-DDE	220	66	µg/Kg	J+	5
PEI07012422	SS-EC-60	07012422-35A	Soil	1/23/2007	8081A	4,4´-DDT	ND	66	µg/Kg	UJ	5
PEI07012422	SS-EC-60	07012422-35A	Soil	1/23/2007	8081A	gamma-BHC (Lindane)	89	33	µg/Kg	J+	5
PEI07012422	SS-EC-60	07012422-35A	Soil	1/23/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012422	SS-EC-61	07012422-36A	Soil	1/23/2007	8081A	4,4´-DDT	ND	130	µg/Kg	UJ	5
PEI07012422	SS-EC-61	07012422-36A	Soil	1/23/2007	8081A	alpha-BHC	800	66	µg/Kg	J+	5
PEI07012422	SS-EC-61	07012422-36A	Soil	1/23/2007	8081A	beta-BHC	56,000	6,800	µg/Kg	J+	5
PEI07012422	SS-EC-61	07012422-36A	Soil	1/23/2007	8081A	Methoxychlor	ND	660	µg/Kg	UJ	5
PEI07012340	SS-EC-10	07012340-05A	Soil	1/22/2007	8081A	4,4´-DDE	47	17	µg/Kg	NJ	5
PEI07012340	SS-EC-10	07012340-05A	Soil	1/22/2007	8081A	4,4´-DDT	ND	17	µg/Kg	R	5
PEI07012340	SS-EC-11	07012340-06A	Soil	1/22/2007	8081A	4,4´-DDE	7.8	3.3	µg/Kg	J	12
PEI07012340	SS-EC-12	07012340-07A	Soil	1/22/2007	8081A	4,4´-DDE	5.4	3.3	µg/Kg	NJ	5,12
PEI07012340	SS-EC-12	07012340-07A	Soil	1/22/2007	8081A	4,4´-DDT	ND	3.3	µg/Kg	R	5
PEI07012340	SS-EC-17	07012340-12A	Soil	1/22/2007	8081A	Endosulfan II	ND	13	µg/Kg	UJ	9
PEI07012340	SS-EC-18	07012340-13A	Soil	1/22/2007	8081A	4,4´-DDE	13	13	µg/Kg	NJ	5
PEI07012340	SS-EC-18	07012340-13A	Soil	1/22/2007	8081A	4,4´-DDT	ND	13	µg/Kg	R	5
PEI07012340	SS-EC-20	07012340-15A	Soil	1/22/2007	8081A	4,4´-DDT	5,400	500	µg/Kg	J	12
PEI07012340	SS-EC-20	07012340-15A	Soil	1/22/2007	8081A	Endrin	ND	500	µg/Kg	UJ	5
PEI07012340	SS-EC-20	07012340-15A	Soil	1/22/2007	8082	Aroclor 1242	ND	1,700	µg/Kg	UJ	9
PEI07012340	SS-EC-20	07012340-15A	Soil	1/22/2007	8082	Aroclor 1248	ND	1,700	µg/Kg	UJ	9
PEI07012340	SS-EC-20	07012340-15A	Soil	1/22/2007	8082	Aroclor 1254	2,800	1,700	µg/Kg	J	9
PEI07012340	SS-EC-20	07012340-15A	Soil	1/22/2007	8082	Aroclor 1260	ND	1,700	µg/Kg	UJ	9
PEI07012340	SS-EC-21	07012340-16A	Soil	1/22/2007	8081A	4,4´-DDD	10,000	10,000	µg/Kg	J	12

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012340	SS-EC-21	07012340-16A	Soil	1/22/2007	8081A	4,4´-DDT	120,000	10,000	µg/Kg	J	12
PEI07012340	SS-EC-22	07012340-17A	Soil	1/22/2007	8081A	4,4´-DDE	3,600	1,000	µg/Kg	J	12
PEI07012340	SS-EC-22	07012340-17A	Soil	1/22/2007	8081A	4,4´-DDT	4,500	1,000	µg/Kg	J	12
PEI07012340	SS-EC-22	07012340-17A	Soil	1/22/2007	8081A	Endrin	ND	1,000	µg/Kg	UJ	5
PEI07012340	SS-EC-23	07012340-18A	Soil	1/22/2007	8081A	4,4´-DDD	41	33	µg/Kg	J+	5
PEI07012501	SS-EC-139	07012501-01A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	130	µg/Kg	UJ	10
PEI07012501	SS-EC-140	07012501-02A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	66	µg/Kg	UJ	10
PEI07012501	SS-EC-141	07012501-03A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	330	µg/Kg	UJ	10
PEI07012501	SS-EC-142	07012501-04A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	330	µg/Kg	UJ	10
PEI07012501	SS-EC-143	07012501-05A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	330	µg/Kg	UJ	10
PEI07012501	SS-EC-144	07012501-06A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	330	µg/Kg	UJ	10
PEI07012501	SS-EC-145	07012501-07A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	200	µg/Kg	UJ	10
PEI07012501	SS-EC-146	07012501-08A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	330	µg/Kg	UJ	10
PEI07012501	SS-EC-147	07012501-09A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	130	µg/Kg	UJ	10
PEI07012501	SS-EC-148	07012501-10A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	66	µg/Kg	UJ	10
PEI07012501	SS-EC-137	07012501-11A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	650	µg/Kg	UJ	10
PEI07012501	SS-EC-138	07012501-12A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	40	µg/Kg	UJ	10
PEI07012501	SS-EC-130	07012501-13A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	66	µg/Kg	UJ	10
PEI07012501	SS-EC-131	07012501-14A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	66	µg/Kg	UJ	10
PEI07012501	SS-EC-132	07012501-15A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	66	µg/Kg	UJ	10
PEI07012501	SS-EC-133	07012501-16A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	40	µg/Kg	UJ	10
PEI07012501	SS-EC-134	07012501-17A	Soil	1/24/2007	8081A	4,4´-DDT	32	20	µg/Kg	J	12
PEI07012501	SS-EC-134	07012501-17A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	40	µg/Kg	UJ	10
PEI07012501	SS-EC-135	07012501-18A	Soil	1/24/2007	8081A	delta-BHC	72	33	µg/Kg	J+	5
PEI07012501	SS-EC-135	07012501-18A	Soil	1/24/2007	8081A	Endrin aldehyde	ND	130	µg/Kg	UJ	10
PEI07012501	SS-EC-126	07012501-25A	Soil	1/24/2007	8081A	4,4´-DDT	ND	66	µg/Kg	UJ	5
PEI07012501	SS-EC-126	07012501-25A	Soil	1/24/2007	8081A	Methoxychlor	ND	330	µg/Kg	UJ	5
PEI07012501	SS-EC-119	07012501-29A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012501	SS-EC-119	07012501-29A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012501	SS-EC-110	07012501-30A	Soil	1/24/2007	8081A	4,4´-DDE	20	17	µg/Kg	J+	5
PEI07012501	SS-EC-110	07012501-30A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012501	SS-EC-110	07012501-30A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012501	SS-EC-109	07012501-31A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012501	SS-EC-109	07012501-31A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012501	SS-EC-108	07012501-32A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012501	SS-EC-108	07012501-32A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012501	SS-EC-107	07012501-33A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012501	SS-EC-107	07012501-33A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012501	SS-EC-149	07012501-34A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012501	SS-EC-149	07012501-34A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012501	SS-EC-150	07012501-35A	Soil	1/24/2007	8081A	4,4´-DDT	ND	33	µg/Kg	UJ	5
PEI07012501	SS-EC-150	07012501-35A	Soil	1/24/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012502	SS-EC-62	07012502-01A	Soil	1/23/2007	8081A	4,4´-DDT	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-62	07012502-01A	Soil	1/23/2007	8081A	Endrin	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-62	07012502-01A	Soil	1/23/2007	8081A	Methoxychlor	ND	430	µg/Kg	UJ	5
PEI07012502	SS-EC-63	07012502-02A	Soil	1/23/2007	8081A	4,4´-DDT	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-63	07012502-02A	Soil	1/23/2007	8081A	Endrin	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-63	07012502-02A	Soil	1/23/2007	8081A	Methoxychlor	ND	430	µg/Kg	UJ	5
PEI07012502	SS-EC-65	07012502-03A	Soil	1/23/2007	8081A	delta-BHC	1,800	430	µg/Kg	J	12
PEI07012502	SS-EC-66	07012502-04A	Soil	1/23/2007	8081A	4,4´-DDD	26	17	µg/Kg	J+	5
PEI07012502	SS-EC-66	07012502-04A	Soil	1/23/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-66	07012502-04A	Soil	1/23/2007	8081A	gamma-BHC (Lindane)	19	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-66	07012502-04A	Soil	1/23/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-58	07012502-05A	Soil	1/23/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-58	07012502-05A	Soil	1/23/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-58	07012502-05A	Soil	1/23/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-104	07012502-07A	Soil	1/23/2007	8081A	4,4´-DDE	63	17	µg/Kg	J+	5
PEI07012502	SS-EC-104	07012502-07A	Soil	1/23/2007	8081A	4,4´-DDT	52	17	µg/Kg	J	5
PEI07012502	SS-EC-104	07012502-07A	Soil	1/23/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-104	07012502-07A	Soil	1/23/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-67	07012502-09A	Soil	1/23/2007	8081A	Endosulfan I	23	17	µg/Kg	J	5,12
PEI07012502	SS-EC-67	07012502-09A	Soil	1/23/2007	8081A	Endrin	ND	33	µg/Kg	UJ	5
PEI07012502	SS-EC-67	07012502-09A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012502	SS-EC-69	07012502-10A	Soil	1/23/2007	8081A	4,4´-DDE	64	33	µg/Kg	J+	5
PEI07012502	SS-EC-69	07012502-10A	Soil	1/23/2007	8081A	4,4´-DDT	ND	33	µg/Kg	UJ	5
PEI07012502	SS-EC-69	07012502-10A	Soil	1/23/2007	8081A	Endrin	ND	33	µg/Kg	UJ	5
PEI07012502	SS-EC-69	07012502-10A	Soil	1/23/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012502	SS-EC-70	07012502-11A	Soil	1/23/2007	8081A	4,4´-DDT	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-70	07012502-11A	Soil	1/23/2007	8081A	Endrin	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-70	07012502-11A	Soil	1/23/2007	8081A	Methoxychlor	ND	430	µg/Kg	UJ	5
PEI07012502	SS-EC-72	07012502-12A	Soil	1/23/2007	8081A	4,4´-DDT	150	33	µg/Kg	J	12
PEI07012502	SS-EC-76	07012502-19A	Soil	1/24/2007	8081A	4,4´-DDE	41	34	µg/Kg	J+	5
PEI07012502	SS-EC-76	07012502-19A	Soil	1/24/2007	8081A	4,4´-DDT	ND	34	µg/Kg	UJ	5
PEI07012502	SS-EC-76	07012502-19A	Soil	1/24/2007	8081A	alpha-BHC	27	17	µg/Kg	J+	5

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012502	SS-EC-76	07012502-19A	Soil	1/24/2007	8081A	Endrin	ND	34	µg/Kg	UJ	5,10
PEI07012502	SS-EC-76	07012502-19A	Soil	1/24/2007	8081A	Methoxychlor	ND	170	µg/Kg	UJ	5
PEI07012502	SS-EC-75	07012502-20A	Soil	1/24/2007	8081A	4,4´-DDT	34	17	µg/Kg	J	12
PEI07012502	SS-EC-75	07012502-20A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	10
PEI07012502	SS-EC-80	07012502-21A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-80	07012502-21A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-80	07012502-21A	Soil	1/24/2007	8081A	gamma-BHC (Lindane)	8.8	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-80	07012502-21A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-81	07012502-22A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-81	07012502-22A	Soil	1/24/2007	8081A	alpha-BHC	12	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-81	07012502-22A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-81	07012502-22A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-82	07012502-23A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-82	07012502-23A	Soil	1/24/2007	8081A	alpha-BHC	9.6	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-82	07012502-23A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-82	07012502-23A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-83	07012502-24A	Soil	1/24/2007	8081A	4,4´-DDE	21	17	µg/Kg	J+	5
PEI07012502	SS-EC-83	07012502-24A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-83	07012502-24A	Soil	1/24/2007	8081A	alpha-BHC	8.5	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-83	07012502-24A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-83	07012502-24A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-84	07012502-25A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-84	07012502-25A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-84	07012502-25A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-114	07012502-26A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-114	07012502-26A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-114	07012502-26A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-115	07012502-27A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-115	07012502-27A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-115	07012502-27A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-91	07012502-28A	Soil	1/24/2007	8081A	4,4´-DDE	80	17	µg/Kg	J+	5
PEI07012502	SS-EC-91	07012502-28A	Soil	1/24/2007	8081A	4,4´-DDT	23	17	µg/Kg	J	5
PEI07012502	SS-EC-91	07012502-28A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-91	07012502-28A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-90	07012502-29A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	10
PEI07012502	SS-EC-85	07012502-30A	Soil	1/24/2007	8081A	Endrin	ND	34	µg/Kg	UJ	10
PEI07012502	SS-EC-89	07012502-31A	Soil	1/24/2007	8081A	4,4´-DDT	460	66	µg/Kg	J	12

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012502	SS-EC-89	07012502-31A	Soil	1/24/2007	8081A	Endrin	ND	66	µg/Kg	UJ	10
PEI07012502	SS-EC-88	07012502-32A	Soil	1/24/2007	8081A	Endrin	ND	66	µg/Kg	UJ	10
PEI07012502	SS-EC-92	07012502-33A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-92	07012502-33A	Soil	1/24/2007	8081A	alpha-BHC	9.7	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-92	07012502-33A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-92	07012502-33A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-116	07012502-34A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-116	07012502-34A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-116	07012502-34A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-113	07012502-35A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-113	07012502-35A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-113	07012502-35A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-112	07012502-36A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-112	07012502-36A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5,10
PEI07012502	SS-EC-112	07012502-36A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-93	07012502-38A	Soil	1/24/2007	8081A	4,4´-DDT	ND	170	µg/Kg	UJ	5
PEI07012502	SS-EC-93	07012502-38A	Soil	1/24/2007	8081A	alpha-BHC	420,000	43,000	µg/Kg	J+	5
PEI07012502	SS-EC-93	07012502-38A	Soil	1/24/2007	8081A	Endrin	ND	170	µg/Kg	UJ	5
PEI07012502	SS-EC-93	07012502-38A	Soil	1/24/2007	8081A	gamma-BHC (Lindane)	1,500	85	µg/Kg	J+	5
PEI07012502	SS-EC-93	07012502-38A	Soil	1/24/2007	8081A	Methoxychlor	ND	850	µg/Kg	UJ	5
PEI07012502	SS-EC-87	07012502-40A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-87	07012502-40A	Soil	1/24/2007	8081A	alpha-BHC	52	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-87	07012502-40A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-86	07012502-41A	Soil	1/24/2007	8081A	4,4´-DDE	110	66	µg/Kg	J+	5
PEI07012502	SS-EC-86	07012502-41A	Soil	1/24/2007	8081A	4,4´-DDT	ND	66	µg/Kg	UJ	5
PEI07012502	SS-EC-86	07012502-41A	Soil	1/24/2007	8081A	alpha-BHC	91	34	µg/Kg	J+	5
PEI07012502	SS-EC-86	07012502-41A	Soil	1/24/2007	8081A	Methoxychlor	ND	340	µg/Kg	UJ	5
PEI07012502	SS-EC-111	07012502-42A	Soil	1/24/2007	8081A	4,4´-DDE	20	17	µg/Kg	J+	5
PEI07012502	SS-EC-111	07012502-42A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-111	07012502-42A	Soil	1/24/2007	8081A	alpha-BHC	9.3	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-111	07012502-42A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-118	07012502-43A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-118	07012502-43A	Soil	1/24/2007	8081A	alpha-BHC	830	430	µg/Kg	J+	5
PEI07012502	SS-EC-118	07012502-43A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-118	07012502-43A	Soil	1/24/2007	8081A	gamma-BHC (Lindane)	63	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-118	07012502-43A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-95	07012502-46A	Soil	1/24/2007	8081A	4,4´-DDT	ND	17	µg/Kg	UJ	5

Table III. Overall Qualified Results

SDG	Sample ID	Lab Sample ID	Matrix	Sampling Date	Method	Analyte	Result	RL	Units	Qualifier	Code
PEI07012502	SS-EC-95	07012502-46A	Soil	1/24/2007	8081A	alpha-BHC	9.7	8.5	µg/Kg	J+	5
PEI07012502	SS-EC-95	07012502-46A	Soil	1/24/2007	8081A	Endrin	ND	17	µg/Kg	UJ	5
PEI07012502	SS-EC-95	07012502-46A	Soil	1/24/2007	8081A	Methoxychlor	ND	85	µg/Kg	UJ	5
PEI07012502	SS-EC-97	07012502-47A	Soil	1/24/2007	8081A	beta-BHC	2,300	170	µg/Kg	J+	5
PEI07012502	SS-EC-99	07012502-48A	Soil	1/24/2007	8081A	beta-BHC	3,800	430	µg/Kg	J+	5
PEI07012502	SS-EC-98	07012502-49A	Soil	1/24/2007	8081A	beta-BHC	2,900	430	µg/Kg	J+	5
PEI07012502	SS-EC-101	07012502-50A	Soil	1/24/2007	8081A	beta-BHC	690	85	µg/Kg	J+	5
PEI07012502	SS-EC-102	07012502-51A	Soil	1/24/2007	8081A	beta-BHC	4,000	430	µg/Kg	J+	5
PEI07012502	SS-EC-103	07012502-52A	Soil	1/24/2007	8081A	beta-BHC	3,300	430	µg/Kg	J+	5
PEI07012502	SS-EC-105	07012502-53A	Soil	1/24/2007	8081A	beta-BHC	20,000	1,700	µg/Kg	J+	5
PEI07012502	SS-EC-100	07012502-55A	Soil	1/24/2007	8081A	4,4′-DDT	ND	10	µg/Kg	UJ	5
PEI07012502	SS-EC-100	07012502-55A	Soil	1/24/2007	8081A	alpha-BHC	6.0	5.0	µg/Kg	J+	5
PEI07012502	SS-EC-100	07012502-55A	Soil	1/24/2007	8081A	beta-BHC	350	250	µg/Kg	J+	5
PEI07012502	SS-EC-100	07012502-55A	Soil	1/24/2007	8081A	Methoxychlor	ND	50	µg/Kg	UJ	5

ATTACHMENT A

Chlorinated Pesticide Data Validation Report

Chlorinated Pesticides by EPA SW 846 Method 8081A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of single and multicomponent compounds was performed for the primary (quantitation) column and confirmation column as required by this method.

A curve fit, based on the initial calibration, was established for quantitation for all compounds. The coefficient of determination (r^2) was greater than or equal to 0.990 .

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies. The percent recoveries (%R) of amounts in continuing standard mixtures were within the 85-115% QC limits with the following exceptions:

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012501	1/30/07	K6190	DB-35MS	Heptachlor delta-BHC Aldrin gamma-Chlordane alpha-Chlordane Endosulfan I 4,4'-DDE	116.0 120.4 117.7 115.4 116.4 118.4 116.7	SS-EC-126 SS-EC-126MS SS-EC-126MSD	N/A	-
PEI07012501	1/30/07	K6181	DB-35MS	4,4'-DDE	119.2	SS-EC-110	J+ (all detects)	P

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012501	1/30/07	K6181	DB-35MS	delta-BHC gamma-Chlordane alpha-Chlordane Dieldrin Endrin 4,4'-DDD Endosulfan II 4,4'-DDT Endrin aldehyde Endosulfan sulfate Methoxychlor Endrin ketone	116.6 116.9 117.9 116.5 117.1 121.8 119.4 118.5 117.7 121.1 118.6 118.9	SS-EC-119 SS-EC-110 SS-EC-109 SS-EC-108 SS-EC-107 SS-EC-149 SS-EC-150	N/A	-
PEI07012501	1/30/07	L6190	DB-35MS	4,4'-DDT Methoxychlor	78.2 77.4	SS-EC-126 SS-EC-126MS SS-EC-126MSD	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
PEI07012501	1/30/07	L6181	DB-35MS	4,4'-DDT Methoxychlor	82.4 80.9	SS-EC-119 SS-EC-110 SS-EC-109 SS-EC-108 SS-EC-107 SS-EC-149 SS-EC-150	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
PEI07012501	1/31/07	G4303	DB-35MS	delta-BHC	120.6	SS-EC-135	J+ (all detects)	A
PEI07012501	1/31/07	G4303	DB-35MS	Heptachlor Dieldrin 4,4'-DDD Endrin aldehyde Methoxychlor Endrin ketone	121.9 116.2 115.8 127.4 121.4 138.8	SS-EC-137 SS-EC-138 SS-EC-130 SS-EC-131 SS-EC-132 SS-EC-133 SS-EC-134 SS-EC-135	N/A	-
PEI07012502	1/31/07	K6237	DB-35MS	Endosulfan I	121.2	SS-EC-67	J+ (all detects)	P
PEI07012502	1/31/07	K6237	DB-35MS	gamma-BHC 4,4'-DDD	115.3 126.2	SS-EC-66	J+ (all detects) J+ (all detects)	P
PEI07012502	1/31/07	K6237	DB-35MS	delta-BHC Aldrin Heptachlor epoxide gamma-Chlordane alpha-Chlordane Dieldrin Endrin Endosulfan II Endrin aldehyde Endosulfan sulfate Methoxychlor Endrin ketone	116.4 116.3 119.9 120.5 120.9 119.6 121.9 124.3 123.9 125.5 124.6 130.2	SS-EC-62 SS-EC-63 SS-EC-66 SS-EC-58 SS-EC-104 SS-EC-67 SS-EC-69 SS-EC-70	N/A	-
PEI07012502	1/31/07	K6237	DB-35MS	4,4'-DDE 4,4'-DDT	119.5 119.7	SS-EC-104 SS-EC-69	J+ (all detects) J+ (all detects)	P
PEI07012502	1/31/07	K6237	DB-35MS	4,4'-DDE 4,4'-DDT	119.5 119.7	SS-EC-62 SS-EC-63 SS-EC-58 SS-EC-70	N/A	-

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012502	2/2/07	K6300	DB-35MS	alpha-BHC	120.9	SS-EC-76 SS-EC-81 SS-EC-82 SS-EC-83	J+ (all detects)	P
PEI07012502	2/2/07	K6300	DB-35MS	alpha-BHC	120.9	SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91	N/A	-
PEI07012502	2/2/07	K6300	DB-35MS	gamma-BHC 4,4'-DDE 4,4'-DDT	122.8 123.5 121.6	SS-EC-76 SS-EC-80 SS-EC-83 SS-EC-91	J+ (all detects) J+ (all detects) J+ (all detects)	P
PEI07012502	2/2/07	K6300	DB-35MS	Heptachlor delta-BHC Aldrin Heptachlor epoxide gamma-Chlordane alpha-Chlordane Endosulfan I Dieldrin Endrin 4,4'-DDD Endosulfan II Endrin aldehyde Endosulfan sulfate Methoxychlor Endrin ketone	121.3 121.8 119.8 120.5 121.2 122.2 121.4 122.2 123.2 129.7 127.9 134.4 125.2 123.0 130.8	SS-EC-76 SS-EC-80 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91	N/A	-
PEI07012502	2/2/07	K6313	DB-35MS	alpha-BHC	115.7	SS-EC-92	J+ (all detects)	A
PEI07012502	2/2/07	K6313	DB-35MS	gamma-BHC	115.3	SS-EC-92 SS-EC-116 SS-EC-113 SS-EC-112 SS-EC-113MS SS-EC-113MSD	N/A	-
PEI07012502	2/12/07	L6521	DB-XLB	4,4'-DDT Methoxychlor	80.6 82.7	SS-EC-87 SS-EC-86 SS-EC-111 SS-EC-100	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
PEI07012502	2/12/07	L6532	DB-XLB	Endrin 4,4'-DDT Methoxychlor	83.1 79.7 78.8	SS-EC-93 SS-EC-118 SS-EC-95	J- (all detects) UJ (all non-detects)	A
PEI07012502	2/6/07	L6359	DB-XLB	beta-BHC	117.7	SS-EC-97 SS-EC-99 SS-EC-98 SS-EC-101 SS-EC-102 SS-EC-103 SS-EC-105 SS-EC-100	J+ (all detects)	A

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012502	1/31/07	L6238	DB-XLB	Endrin Methoxychlor	61.1 56.0	SS-EC-62 SS-EC-63 SS-EC-66 SS-EC-58 SS-EC-104 SS-EC-67 SS-EC-69 SS-EC-70	UJ (all non-detects) UJ (all non-detects)	A
PEI07012502	1/31/07	L6238	DB-XLB	4,4'-DDT	49.6	SS-EC-62 SS-EC-63 SS-EC-58 SS-EC-104 SS-EC-69 SS-EC-70	J- (all detects) UJ (all non-detects)	A
PEI07012502	1/31/07	L6238	DB-XLB	Endrin ketone	115.6	SS-EC-62 SS-EC-63 SS-EC-66 SS-EC-58 SS-EC-104 SS-EC-67 SS-EC-69 SS-EC-70	N/A	-
PEI07012502	2/2/07	L6301	DB-XLB	Endrin 4,4'-DDT Methoxychlor	49.3 74.1 73.8	SS-EC-76 SS-EC-80 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91	J- (all detects) UJ (all non-detects)	A
PEI07012502	2/2/07	L6301	DB-XLB	4,4'-DDD Endrin aldehyde	116.2 128.8	SS-EC-76 SS-EC-80 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91	N/A	-
PEI07012502	2/2/07	L6314	DB-XLB	Endrin 4,4'-DDT Methoxychlor	58.7 81.1 73.7	SS-EC-92 SS-EC-116 SS-EC-113 SS-EC-112 SS-EC-113MS SS-EC-113MSD	J- (all detects) UJ (all non-detects)	A
PEI07012502	2/2/07	L6314	DB-XLB	4,4'-DDD Endrin aldehyde	122.0 124.2	SS-EC-92 SS-EC-116 SS-EC-113 SS-EC-112 SS-EC-113MS SS-EC-113MSD	N/A	-
PEI07012502	2/12/07	L6519	DB-XLB	alpha-BHC 4,4'-DDE	134.6 126.0	SS-EC-87 SS-EC-86 SS-EC-111 SS-EC-100	J+ (all detects) J+ (all detects)	P

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012502	2/12/07	L6519	DB-XLB	gamma-BHC Heptachlor delta-BHC Aldrin Heptachlor epoxide gamma-Chlordane alpha-Chlordane Endosulfan I Dieldrin Endrin 4,4'-DDD Endosulfan II 4,4'-DDT Endrin aldehyde Endosulfan sulfate Methoxychlor Endrin ketone	132.3 131.1 128.7 128.0 125.5 123.2 122.6 123.5 122.8 135.7 127.8 131.3 121.8 128.4 122.6 123.8 126.9	SS-EC-87 SS-EC-86 SS-EC-111 SS-EC-100	N/A	-
PEI07012502	2/12/07	L6531	DB-XLB	alpha-BHC gamma-BHC	138.0 134.4	SS-EC-93 SS-EC-118 SS-EC-95	J+ (all detects) J+ (all detects)	P
PEI07012502	2/12/07	L6531	DB-XLB	Heptachlor delta-BHC Aldrin Heptachlor epoxide gamma-Chlordane alpha-Chlordane Endosulfan I 4,4'-DDE Dieldrin Endrin 4,4'-DDD Endosulfan II 4,4'-DDT Endrin aldehyde Endosulfan sulfate Methoxychlor Endrin ketone	131.9 133.8 128.7 125.8 123.6 123.5 123.4 127.8 124.5 138.5 131.1 141.5 127.8 133.4 130.7 133.0 138.0	SS-EC-93 SS-EC-118 SS-EC-95	N/A	-
PEI07012340	1/26/07	K6020	DB-35MS	4,4'-DDD	119.5	SS-EC-6 SS-EC-7 SS-EC-8 SS-EC-9 SS-EC-11 SS-EC-13 SS-EC-14 SS-EC-15 SS-EC-16 SS-EC-17	N/A	-
PEI07012340	1/23/07	L5918	DB-XLB	Endrin	84.1	SS-EC-20 SS-EC-22	UJ (all non-detects)	A
PEI07012340	1/26/07	L6033	DB-XLB	4,4'-DDD	115.7	SS-EC-23	J+ (all detects)	A
PEI07012340	1/26/07	L6033	DB-XLB	4,4'-DDD	115.7	SS-EC-10 SS-EC-12 SS-EC-18 SS-EC-19 SS-EC-24	N/A	-

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012422	1/26/07	K6008	DB-35MS	Endosulfan sulfate Endrin ketone	115.6 116.5	SS-EC-27 SS-EC-38 SS-EC-39 SS-EC-40	N/A	-
PEI07012422	1/25/07	K5988	DB-35MS	Endrin ketone	115.7	SS-EC-29 SS-EC-32 SS-EC-31 SS-EC-42	N/A	-
PEI07012422	1/28/07	L6096	DB-XLB	Endrin Methoxychlor	76.9 83.7	SS-EC-41 SS-EC-43 SS-EC-44 SS-EC-45 SS-EC-46 SS-EC-47 SS-EC-48 SS-EC-50 SS-EC-51 SS-EC-52	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
PEI07012422	1/28/07	L6108	DB-XLB	4,4'-DDT Methoxychlor	75.5 72.5	SS-EC-54 SS-EC-55 SS-EC-56 SS-EC-57 SS-EC-59 SS-EC-60 SS-EC-61 SS-EC-59MS SS-EC-59MSD	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
PEI07012422	1/26/07	L6045	DB-XLB	4,4'-DDD	120.9	SS-EC-25	N/A	-
PEI07012422	1/26/07	L6045	DB-XLB	4,4'-DDT Methoxychlor	76.3 80.4	SS-EC-25	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A
PEI07012422	1/28/07	K6088	DB-35MS	beta-BHC	127	SS-EC-32 SS-EC-39 SS-EC-49	J+ (all detects)	A
PEI07012422	1/28/07	K6088	DB-35MS	4,4'-DDE	135	SS-EC-32 SS-EC-35	J+ (all detects)	A
PEI07012422	1/27/07	K6078	DB-35MS	Endosulfan sulfate	116	SS-EC-53	N/A	-
PEI07012422	1/28/07	K6107	DB-35MS	alpha-BHC	116	SS-EC-54 SS-EC-55 SS-EC-56 SS-EC-57 SS-EC-59 SS-EC-61 SS-EC-59MS SS-EC-59MSD	J+ (all detects)	P

SDG	Date	Standard	Column	Compound	%R	Associated Samples	Flag	A or P
PEI07012422	1/28/07	K6107	DB-35MS	gamma-BHC 4,4'-DDE 4,4'-DDT	116 120 126	SS-EC-54 SS-EC-55 SS-EC-56 SS-EC-57 SS-EC-59 SS-EC-60 SS-EC-61 SS-EC-59MS SS-EC-59MSD	J+ (all detects) J+ (all detects) J+ (all detects)	P
PEI07012422	1/28/07	K6107	DB-35MS	Heptachlor delta-BHC Aldrin Heptachlor epoxide gamma-Chlordane alpha-Chlordane Endosulfan I Dieldrin Endrin 4,4'-DDD Endosulfan II Endrin aldehyde Endosulfan sulfate Methoxychlor Endrin ketone	118 118 119 119 119 119 119 121 125 127 136 125 129 128 129	SS-EC-54 SS-EC-55 SS-EC-56 SS-EC-57 SS-EC-59 SS-EC-60 SS-EC-61 SS-EC-59MS SS-EC-59MSD	N/A	-
PEI07012422	1/28/07	K6107	DB-35MS	beta-BHC	132	SS-EC-55 SS-EC-61 SS-EC-59MS SS-EC-59MSD	J+ (all detects)	P

For the results above flagged Not Applicable (N/A), the affected compounds were not detected in the associated samples and did not warrant qualification of the data.

The percent recoveries (%R) of the second source calibration standard were within the 85-115% QC limits.

The individual 4,4'-DDT and Endrin breakdowns (%BD) were less than or equal to 15.0% with the following exceptions:

SDG	Date	Standard ID	Column	Compound	%BD	Associated Samples	Affected Compounds	Flag	A or P
PEI07012340	1/26/07	K6033	DB-35MS	4,4'-DDT	16.1	SS-EC-10 SS-EC-12 SS-EC-18	4,4'-DDT	R	P
PEI07012340 PEI07012422	1/26/07	K6033	DB-35MS	4,4'-DDT	16.1	SS-EC-10 SS-EC-12 SS-EC-18 SS-EC-25	4,4'-DDE	NJ (all detects)	P
PEI07012422	1/26/07	K6033	DB-35MS	4,4'-DDT	16.1	SS-EC-25	4,4'-DDT	J (all detects)	P

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks.

No field blanks were identified in this SDG.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples in SDGs PEI07012501, PEI07012502, PEI07012340 and PEI07012422. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
PEI07012501	SS-EC-145MS/MSD (SS-EC-145)	Heptachlor delta-BHC	732 (25-130) 621 (45-115)	739 (25-130) 633 (45-115)	- -	N/A	-
PEI07012502	SS-EC-77MS/MSD (SS-EC-77)	Aldrin Endosulfan II	466 (40-115) 259 (20-130)	455 (40-115) 272 (20-130)	- -	N/A	-
PEI07012340	SS-EC-17MS/MSD (SS-EC-17)	Endosulfan II	-	-	21.4 (≤20)	UJ (all non-detects)	A
PEI07012422	SS-EC-31MS/MSD (SS-EC-31)	Endosulfan II	571 (20-130)	555 (20-130)	-	N/A	-

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
PEI07012501	LCS/D-16703 (SS-EC-139 SS-EC-140 SS-EC-141 SS-EC-142 SS-EC-143 SS-EC-144 SS-EC-145 SS-EC-146 SS-EC-147 SS-EC-148 SS-EC-137 SS-EC-138 SS-EC-130 SS-EC-131 SS-EC-132 SS-EC-133 SS-EC-134 SS-EC-135 MBLK-16703)	Endrin aldehyde	53 (55-115)	-	-	UJ (all non-detects)	P
PEI07012502	LCS/D-16733 (SS-EC-76 SS-EC-75 SS-EC-80 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91 SS-EC-90 SS-EC-85 SS-EC-89 SS-EC-88 SS-EC-92 SS-EC-116 SS-EC-113 SS-EC-112 MBLK-16733)	Endrin	-	-	28.2 (≤20)	UJ (all non-detects)	P

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a Tier 3 review was performed.

The sample results for detected compounds from the two columns were within 40.0% relative percent differences (RPD) with the following exceptions:

SDG	Sample	Compound	RPD	Flag	A or P
PEI07012501	SS-EC-134	4,4'-DDT	68	J (all detects)	A
PEI07012502	SS-EC-65	delta-BHC	43	J (all detects)	A
PEI07012502	SS-EC-67	Endosulfan I	56	J (all detects)	A
PEI07012502	SS-EC-72	4,4'-DDT	54	J (all detects)	A
PEI07012502	SS-EC-75	4,4'-DDT	62	J (all detects)	A
PEI07012502	SS-EC-89	4,4'-DDT	67	J (all detects)	A
PEI07012340	SS-EC-11	4,4'-DDE	48	J (all detects)	A
PEI07012340	SS-EC-12	4,4'-DDE	56	J (all detects)	A
PEI07012340	SS-EC-20	4,4'-DDT	46	J (all detects)	A
PEI07012340	SS-EC-21	4,4'-DDD 4,4'-DDT	68 53	J (all detects) J (all detects)	A
PEI07012340	SS-EC-22	4,4'-DDE 4,4'-DDT	63 50	J (all detects) J (all detects)	A
PEI07012422	SS-EC-25	beta-BHC	47	J (all detects)	A
PEI07012422	SS-EC-29	4,4'-DDT	45	J (all detects)	A
PEI07012422	SS-EC-37	4,4'-DDT	46	J (all detects)	A
PEI07012422	SS-EC-49	4,4'-DDE	41	J (all detects)	A

Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Work Plan Addendum Results of Additional Vadose Zone Characterization Program - Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada
Chlorinated Pesticides - Data Qualification Summary - SDGs PEI07012501, PEI07012502, PEI07012340, PEI07012422

SDG	Sample	Compound	Flag	A or P	Reason
PEI07012422 PEI07012501 PEI07012502	SS-EC-32 SS-EC-35 SS-EC-57 SS-EC-60 SS-EC-110 SS-EC-69 SS-EC-76 SS-EC-83 SS-EC-86 SS-EC-111	4,4'-DDE	J+ (all detects)	P	Continuing calibration (%R)
PEI07012422 PEI07012501 PEI07012502	SS-EC-54 SS-EC-55 SS-EC-56 SS-EC-57 SS-EC-59 SS-EC-60 SS-EC-61 SS-EC-25 SS-EC-126 SS-EC-119 SS-EC-110 SS-EC-109 SS-EC-108 SS-EC-107 SS-EC-149 SS-EC-150 SS-EC-87 SS-EC-86 SS-EC-111 SS-EC-100	4,4'-DDT Methoxychlor	J- (all detects) UJ (all non-detects) J- (all detects) UJ (all non-detects)	A	Continuing calibration (%R)
PEI07012501	SS-EC-135	delta-BHC	J+ (all detects)	A	Continuing calibration (%R)
PEI07012502	SS-EC-66	gamma-BHC 4,4'-DDD	J+ (all detects) J+ (all detects)	P	Continuing calibration (%R)
PEI07012502	SS-EC-67	Endosulfan I	J+ (all detects)	P	Continuing calibration (%R)
PEI07012422 PEI07012502	SS-EC-55 SS-EC-56 SS-EC-91 SS-EC-104	4,4'-DDE 4,4'-DDT	J+ (all detects) J+ (all detects)	P	Continuing calibration (%R)

SDG	Sample	Compound	Flag	A or P	Reason
PEI07012422 PEI07012502	SS-EC-54 SS-EC-55 SS-EC-56 SS-EC-57 SS-EC-61 SS-EC-76 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-87 SS-EC-92 SS-EC-95 SS-EC-100 SS-EC-86 SS-EC-111 SS-EC-93 SS-EC-118	alpha-BHC	J+ (all detects)	P	Continuing calibration (%R)
PEI07012502	SS-EC-92	alpha-BHC	J+ (all detects)	A	Continuing calibration (%R)
PEI07012422 PEI07012502	SS-EC-55 SS-EC-60 SS-EC-80 SS-EC-93 SS-EC-118	gamma-BHC	J+ (all detects)	P	Continuing calibration (%R)
PEI07012422 PEI07012502	SS-EC-41 SS-EC-43 SS-EC-44 SS-EC-45 SS-EC-46 SS-EC-47 SS-EC-48 SS-EC-50 SS-EC-51 SS-EC-52 SS-EC-62 SS-EC-63 SS-EC-66 SS-EC-58 SS-EC-104 SS-EC-67 SS-EC-69 SS-EC-70	Endrin Methoxychlor	UJ (all non-detects) UJ (all non-detects)	A	Continuing calibration (%R)
PEI07012422 PEI07012502	SS-EC-32 SS-EC-39 SS-EC-49 SS-EC-97 SS-EC-99 SS-EC-98 SS-EC-101 SS-EC-102 SS-EC-103 SS-EC-105 SS-EC-100	beta-BHC	J+ (all detects)	A	Continuing calibration (%R)

SDG	Sample	Compound	Flag	A or P	Reason
PEI07012502	SS-EC-93 SS-EC-118 SS-EC-95 SS-EC-76 SS-EC-80 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91 SS-EC-92 SS-EC-116 SS-EC-113 SS-EC-112	Endrin 4,4'-DDT Methoxychlor	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%R)
PEI07012502	SS-EC-62 SS-EC-63 SS-EC-58 SS-EC-104 SS-EC-69 SS-EC-70	4,4'-DDT	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%R)
PEI07012340	SS-EC-23	4,4'-DDD	J+ (all detects)	A	Continuing calibration (%R)
PEI07012340	SS-EC-20 SS-EC-22	Endrin	J- (all detects) UJ (all non-detects)	A	Continuing calibration (%R)
PEI07012422	SS-EC-55 SS-EC-61	beta-BHC	J+ (all detects)	P	Continuing calibration (%R)
PEI07012340	SS-EC-10 SS-EC-12 SS-EC-18	4,4'-DDT	R	P	Continuing calibration (%BD)
PEI07012340 PEI07012422	SS-EC-10 SS-EC-12 SS-EC-18 SS-EC-25	4,4'-DDE	NJ (all detects)	P	Continuing calibration (%BD)
PEI07012422	SS-EC-25	4,4'-DDT	J (all detects)	P	Continuing calibration (%BD)
PEI07012340	SS-EC-17	Endosulfan II	UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)

SDG	Sample	Compound	Flag	A or P	Reason
PEI07012501	SS-EC-139 SS-EC-140 SS-EC-141 SS-EC-142 SS-EC-143 SS-EC-144 SS-EC-145 SS-EC-146 SS-EC-147 SS-EC-148 SS-EC-137 SS-EC-138 SS-EC-130 SS-EC-131 SS-EC-132 SS-EC-133 SS-EC-134 SS-EC-135	Endrin aldehyde	UJ (all non-detects)	P	Laboratory control samples (%R)
PEI07012502	SS-EC-76 SS-EC-75 SS-EC-80 SS-EC-81 SS-EC-82 SS-EC-83 SS-EC-84 SS-EC-114 SS-EC-115 SS-EC-91 SS-EC-90 SS-EC-85 SS-EC-89 SS-EC-88 SS-EC-92 SS-EC-116 SS-EC-113 SS-EC-112	Endrin	UJ (all non-detects)	P	Laboratory control samples (RPD)
PEI07012501 PEI07012502 PEI07012340 PEI07012422	SS-EC-134 SS-EC-72 SS-EC-75 SS-EC-89 SS-EC-20 SS-EC-29 SS-EC-37	4,4'-DDT	J (all detects)	A	Compound quantitation and CRQLs (RPD)
PEI07012502	SS-EC-65	delta-BHC	J (all detects)	A	Compound quantitation and CRQLs (RPD)
PEI07012502	SS-EC-67	Endosulfan I	J (all detects)	A	Compound quantitation and CRQLs (RPD)
PEI07012340 PEI07012422	SS-EC-11 SS-EC-12 SS-EC-49	4,4'-DDE	J (all detects)	A	Compound quantitation and CRQLs (RPD)
PEI07012340	SS-EC-21	4,4'-DDD 4,4'-DDT	J (all detects) J (all detects)	A	Compound quantitation and CRQLs (RPD)
PEI07012340	SS-EC-22	4,4'-DDE 4,4'-DDT	J (all detects) J (all detects)	A	Compound quantitation and CRQLs (RPD)
PEI07012422	SS-EC-25	beta-BHC	J (all detects)	A	Compound quantitation and CRQLs (RPD)

Work Plan Addendum Results of Additional Vadose Zone Characterization Program - Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDGs PEI07012501, PEI07012502, PEI07012340, PEI07012422

No Sample Data Qualified in these SDGs

Work Plan Addendum Results of Additional Vadose Zone Characterization Program - Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada
Chlorinated Pesticides - Field Blank Data Qualification Summary - SDGs PEI07012501, PEI07012502, PEI07012340, PEI07012422

No Sample Data Qualified in these SDGs

ATTACHMENT B

PCB Data Validation Report

Polychlorinated Biphenyls by EPA SW 846 Method 8082

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of multicomponent compounds was performed for the primary (quantitation) column as required by the method.

A curve fit, based on the initial calibration, was established for quantitation for selected compounds. The coefficient of determination (r^2) was greater than or equal to 0.990 .

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

Continuing calibration was performed at required frequencies. The percent recoveries (%R) of amounts in continuing standard mixtures were within the 85-115% QC limits.

The percent recoveries (%R) of the second source calibration standard were within the 85-115% QC limits.

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

No field blanks were identified in these SDGs.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. Surrogate recoveries (%R) were not within QC limits for several samples in SDGs PEI07012340 and PEI07012422. Since these samples were diluted out, no data were qualified.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Affected Compound	Flag	A or P
PEI07012340	SS-EC-20MS/MSD (SS-EC-20)	Aroclor-1254	-	-	22.0 (≤20)	Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	J (all detects) UJ (all non-detects)	A

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in these SDGs.

Work Plan Addendum for Additional Vadose Zone Characterization Program, Former Stauffer Chemical Company Facility, Henderson, Nevada
Polychlorinated Biphenyls - Data Qualification Summary - SDGs PEI07012501, PEI07012340, PEI07012422

SDG	Sample	Compound	Flag	A or P	Reason
PEI07012340	SS-EC-20	Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)

Work Plan Addendum for Additional Vadose Zone Characterization Program, Former Stauffer Chemical Company Facility, Henderson, Nevada
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDGs PEI07012501, PEI07012340, PEI07012422

No Sample Data Qualified in these SDGs

Work Plan Addendum for Additional Vadose Zone Characterization Program, Former Stauffer Chemical Company Facility, Henderson, Nevada
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDGs PEI07012501, PEI07012340, PEI07012422

No Sample Data Qualified in these SDGs

Work Plan Addendum Results of Additional Vadose Zone Characterization Program - Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada
Polychlorinated Biphenyls - Data Qualification Summary - SDGs PEI07012501, PEI07012340, PEI07012422

SDG	Sample	Compound	Flag	A or P	Reason
PEI07012340	SS-EC-20	Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (RPD)

Work Plan Addendum Results of Additional Vadose Zone Characterization Program - Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDGs PEI07012501, PEI07012340, PEI07012422

No Sample Data Qualified in these SDGs

Work Plan Addendum Results of Additional Vadose Zone Characterization Program - Surface Soil Sampling, Former Stauffer Chemical Company Facility, Henderson, Nevada
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDGs PEI07012501, PEI07012340, PEI07012422

No Sample Data Qualified in these SDGs

APPENDIX E

DATA VALIDATION AND LABORATORY REPORTS – GEOSYNTEC

Geosyntec consultants

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Huntington Beach, CA 92648

PH 714-969-0800
FAX 714-969-0820

www.geosyntec.com

January 10, 2011

Mr. William E. Knight, P.E.
Nevada Division of Environmental Protection
2030 E. Flamingo Road, Suite 230
Las Vegas, NV 89119-0818

Subject: Revised Data Validation Summary Report: #MONTR-0029-2010
Former Dichlorobenzil Warehouse Area
Henderson, Nevada

Dear Mr. Knight:

On behalf of the Montrose Chemical Corporation of California (Montrose), Geosyntec Consultants, Inc. (Geosyntec) is submitting to the Nevada Division of Environmental Protection (NDEP), the above-referenced revised data validation summary report (DVSR) and accompanying electronic data deliverable (EDD). Per NDEP's request, Geosyntec has converted the wet-weight data to dry-weight data using the NDEP-approved methodology.

Should you have any questions regarding this deliverable, please do not hesitate to call the undersigned. Thank you.

Sincerely,

Lynne M. Preslo, P.G.,
Nevada C.E.M. 1192, Expires 17 February 2011
Senior Consultant

Andrew Barnes, P.G.
Principal

ATTACHMENT

Revised DVSR #MONTR-0029-2010

P:\PRJ4\CAWP\HW0989\MDP11-02-Ltr.doc

cc: Neptune, Inc., David Gratson – CD + Electronic Mail/Notification
Montrose, Paul Sundberg – CD + Electronic Mail/Notification
Montrose, Joe Kelly – CD + Electronic Mail/Notification
Latham & Watkins, LLP, Kelly Richardson – CD + Electronic Mail/Notification
Latham & Watkins, LLP, Joel Mack – CD + Electronic Mail/Notification
Basic Remediation Company, Mark Paris – Electronic Mail/Notification
Basic Remediation Company, Ranajit Sahu – Electronic Mail/Notification
de maximis, Ed Modiano – Electronic Mail/Notification
GeoEco, LLC, Lynne Preslo – CD + Electronic Mail/Notification
Hargis + Associates, Inc., Brian Waggle – Electronic Mail/Notification
Olin Corporation, Curt Richards – Electronic Mail/Notification
Stauffer Management Company LLC, Lee Erickson – Electronic Mail/Notification
PES Environmental, Inc., Nicholas Pogoncheff – Electronic Mail/Notification
Syngenta Crop Protection, Inc., George Crouse – Electronic Mail/Notification
Titanium Metals Corporation, Craig Wilkinson – Electronic Mail/Notification
Broadbent & Associates, Kirk Stowers – Electronic Mail/Notification
Tyson Contracting, Victoria Tyson – Electronic Mail/Notification
Tronox, LLC, Matt Paque – Electronic Mail/Notification
Crowley Environmental LLC, Susan Crowley – Electronic Mail/Notification
Environmental Answers, Keith Bailey – Electronic Mail/Notification
Northgate Environmental Management, Inc., Deni Chambers – Electronic Mail/Notification
AMPAC, Jeff Gibson – Electronic Mail/Notification

ATTACHMENT

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

LDC #23038, 23210
January 10, 2011
Revision 2

Geosyntec Consultants
2100 Main Street, Suite 150
Huntington Beach, CA 92648
ATTN: Mr. Scott Rowlands

SUBJECT: **Data Validation Summary Report #MONTR-0029-2010, Former Montrose Dichlorobenzil Warehouse Area Soil Investigation December 2009 to February 2010 Henderson, Nevada**

Dear Mr. Rowlands,

Enclosed is the Data Validation Summary Report #MONTR-0029-2010, Former Montrose December 2009 to February 2010 Henderson, Nevada.

We appreciate this opportunity to support Geosyntec Consultants in the performance of this project. Please feel free to call me at (760) 634-0437 if you have any questions.

Please feel free to contact us if you have any questions.

Sincerely,

Stella S. Cuenco
Project Manager/Senior Chemist

Data Validation Summary Report # MONTR-0029-2010
Former Montrose Dichlorobenzil Warehouse Area
Soil Investigation
December 2009 to February 2010
Henderson, Nevada

Prepared for

Nevada Division of Environmental Protection
1771 E. Flamingo Road, Suite 121-A
Las Vegas, Nevada 89119-0837

Prepared by

Laboratory Data Consultants
7750 El Camino Real, Suite 2L
Carlsbad, California 92009

May 28, 2010

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LIST OF ACRONYMS AND ABBREVIATIONS

DQO	Data Quality Objectives
DVSR	Data Validation Summary Report
ICB/CCB	Initial and Continuing Calibration Blank
LCS/LCSD	Laboratory Control Sample / Laboratory Control Sample Duplicate
MS/MSD	Matrix Spike / Matrix Spike Duplicate
NDEP	Nevada Division of Environmental Protection
PARCCS	Precision, Accuracy, Representativeness, Comparability, Completeness, Sensitivity
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance / Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
RRF	Relative Response Factor
SDG	Sample Delivery Group
SQL	Sample Quantitation Limit
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
mg/kg	Milligram per Kilogram
mg/l	Milligram per Liter
ug/kg	Microgram per Kilogram
ug/l	Microgram per Liter
%D	Percent Difference
%R	Percent Recovery
%RSD	Percent Relative Standard Deviation

1.0 INTRODUCTION

This data validation summary report (DVSR) has been prepared by Laboratory Data Consultants, Inc. (LDC) to assess the validity and usability of laboratory analytical data from the soil investigation conducted in December 2009 at the Former Dichlorobenzil Warehouse Area in Henderson, Nevada. The investigation was performed by Geosyntec Consultants and included the collection and analyses of 60 environmental and quality control (QC) samples. The analyses were performed by the following methods:

2,2'-/4,4'-Dichlorobenzil by EPA SW 846 Method 8270C
Chlorinated Pesticides by EPA SW 846 Method 8081A
Metals by EPA SW 846 Method 6010B/6020/7470A/7471A

Wet Chemistry:
Hexavalent Chromium by EPA SW 846 Method 7199
pH by EPA SW 846 Method 9045C
Asbestos by EPA Method 540-R-97-028

Analytical services were provided by TestAmerica, Inc. and EMSL, Analytical, Inc. The samples were grouped into sample delivery groups (SDGs). The samples are associated with QA/QC samples designed to document the data quality of the entire SDG or a sub-group of samples within an SDG. Table I is a cross-reference table listing each sample, analysis, SDG, collection date, laboratory sample number, and matrix. All shaded samples in Table I were reviewed under Stage 4 guidelines.

Approximately twenty percent of the analytical data for the environmental samples were validated according to EPA Stage 4 data validation procedures and eighty percent of the analytical data were validated according to EPA Stage 2B data validation procedures. The analytical data were evaluated for quality assurance and quality control (QA/QC) based on the following documents: Nevada Division of Environmental Protection (NDEP) *Data Verification and Validation Requirements - Supplement* established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April 13, 2009, *Quality Assurance Project Plan Site-wide Soil and Groundwater Investigations Former Montrose and Stauffer Sites, Henderson, Nevada (*QAPP), Revision 1.0, October 26, 2006, *Work Plan to Assess Shallow Soil at the Former Dichlorobenzil Warehouse Area, Henderson, Nevada*, November 13, 2009, *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, June 2008, *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, October 2004, and the *EPA SW 846 Third Edition, Test Methods for Evaluating Solid Waste,* update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IV, February 2007.

This report summarizes the QA/QC evaluation of the data according to precision, accuracy, representativeness, completeness, comparability and sensitivity (PARCCS) relative to the project data quality objectives (DQOs). This report provides a quantitative and qualitative assessment of the data and identifies potential sources of error, uncertainty, and bias that may affect the overall usability.

The PARCCS summary report evaluates and summarizes the results of QA/QC data validation for the entire sampling program. Each analytical fraction has a separate section for each of the PARCCS criteria. These sections interpret specific QC deviations and their effects on both individual data points and the analyses as a whole. Section 7 presents a summary of the PARCCS criteria by comparing quantitative parameters with acceptability criteria defined in the project DQO's. Qualitative PARCCS criteria are also summarized in this section.

Precision and Accuracy of Environmental Data

Environmental data quality depends on sample collection procedures, analytical methods and instrumentation, documentation, and sample matrix properties. Both sampling procedures and laboratory analyses contain potential sources of uncertainty, error, and/or bias, which affect the overall quality of a

measurement. Errors for sample data may result from incomplete equipment decontamination, inappropriate sampling techniques, sample heterogeneity, improper filtering, and improper preservation. The accuracy of analytical results is dependent on selecting appropriate analytical methods, maintaining equipment properly, and complying with QC requirements. The sample matrix also is an important factor in the ability to obtain precise and accurate results within a given media.

Environmental and laboratory QA/QC samples assess the effects of sampling procedures and evaluate laboratory contamination, laboratory performance, and matrix effects. QA/QC samples include: equipment blanks, field duplicates, method blanks, laboratory control samples (LCSs), surrogate spikes, and matrix spike/matrix spike duplicates (MS/MSDs).

Before conducting the PARCCS evaluation, the analytical data were validated according to the QAPP (October 2006), Functional Guidelines (USEPA 2004 and 2008), and EPA SW 846 Test Methods. Samples not meeting the acceptance criteria were qualified with a flag, an abbreviation indicating a deficiency with the data. The following are flags used in data validation.

J- Estimated The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise.

J+ Estimated The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise.

J Estimated The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data.

R Rejected The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte. The "R" designation is also applied to yield only one complete set of data for a given sample and eliminate redundant data.

U Nondetected Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result detected in an environmental sample at a concentration less than 2 times the value of the concentration in any associated blank for the organic analyses or any result detected in both the environmental sample and the associated blank at less than the PQL for the inorganic analyses.

UJ Estimated/Nondetected Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

The hierarchy of flags is listed below:

R > J	The R flag will always take precedence over the J qualifier.
J > J+ or J-	A non-biased (J) flag will always supersede biased (J+ or J-) flags since it is not possible to assess the direction of the potential bias.
J = J+ plus J-	Adding biased (J+, J-) flags with opposite signs will result in a non-biased flag (J).
UJ = U plus J or J+ or J-	The UJ flag is used when a non-detected (U) flag is added to a biased (J+ or J-) or non-biased flag (J).

Table II lists the reason codes used. Reason codes explain why flags have been applied and identify possible limitations of data use. Reason codes are cumulative except when one of the flags is R then only the reason code associated to the R flag will be used.

Table III presents the overall qualified results after all the flags or validation qualifiers and associated reason codes have been applied.

Once the data are reviewed and qualified according to the QAPP, functional guidelines, and EPA Test Methods, the data set is then evaluated using PARCCS criteria. PARCCS criteria provide an evaluation of overall data usability. The following is a discussion of PARCCS criteria as related to the project DQOs.

Precision is a measure of the agreement or reproducibility of analytical results under a given set of conditions. It is a quantity that cannot be measured directly but is calculated from percent recovery data. Precision is expressed as the relative percent difference (RPD):

$$RPD = (D1-D2)/\{1/2(D1+D2)\} \times 100$$

where:
D1 and D2 = the reported concentrations for sample and duplicate analyses.

Precision is primarily assessed by calculating an RPD from the percent recoveries of the spiked compounds for each sample in the MS/MSD pair. In the absence of an MS/MSD pair, a laboratory duplicate or LCS/LCSD pair can be analyzed as an alternative means of assessing precision. An additional measure of sampling precision was obtained by collecting and analyzing field duplicate samples, which were compared using the RPD result as the evaluation criteria.

MS and MSD samples are field samples spiked by the laboratory with target analytes prior to preparation and analysis. These samples measure the overall efficiency of the analytical method in recovering target analytes from an environmental matrix. A LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. Non-aqueous LCSs are prepared using solid media approved by the American Society for Testing and Materials (ASTM) for their homogeneity. The LCS measures laboratory efficiency in recovering target analytes from either a solid or aqueous matrix in the absence of matrix interferences.

For inorganics analysis, one primary sample is analyzed and accompanied by an unspiked laboratory duplicate. The data reviewer compares the reported results of the primary analysis and the laboratory duplicate, then calculates RPDs, which are used to assess laboratory precision.

Laboratory and field sampling precision are further evaluated by calculating RPDs for field sample duplicate pairs. The sampler collects two field samples at the same location and under identically controlled conditions. The laboratory then analyzes the samples under identical conditions.

An RPD outside the numerical QC limit in either MS/MSD samples or LCS/LCSD indicates imprecision. Imprecision is the variance in the consistency with which the laboratory arrives at a particular reported result. Thus, the actual analyte concentration may be higher or lower than the reported result.

Possible causes of poor precision include sample matrix interference, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results maybe reported in either the primary or duplicate samples at levels below the practical quantitation limit (PQL) or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and samples containing surrogate spikes. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Surrogate spikes are either isotopically labeled compounds or compounds that are not typically detected in the samples. Surrogate spikes are added to every blank, environmental sample, LCS, MS/MSD, and standard, for all applicable organic analyses. Accuracy of inorganic analyses is determined using the percent recoveries of MS and LCS analyses.

Percent recovery (%R) is calculated using the following equation:

$$\%R = (A-B)/C \times 100$$

where:
A = measured concentration in the spiked sample
B = measured concentration of the spike compound in the unspiked sample
C = concentration of the spike

The percent recovery of each analyte spiked in MS/MSD samples, LCS, and surrogate compounds added to environmental samples is evaluated with the acceptance criteria specified by the previously noted documents. Spike recoveries outside the acceptable QC accuracy limits provide an indication of bias, where the reported data may overestimate or underestimate the actual concentration of compounds detected or quantitation limits reported for environmental samples.

Representativeness is a qualitative parameter that expresses the degree to which the sample data are characteristic of a population. It is evaluated by reviewing the QC results of blanks, samples and holding times. Positive detects of compounds in the blank samples identify compounds that may have been introduced into the samples during sample collection, transport, preparation, or analysis. The QA/QC blanks collected and analyzed are method blanks, trip blanks, equipment blanks and field blanks.

A method blank is a laboratory grade water or solid matrix that contains the method reagents and has undergone the same preparation and analysis as the environmental samples. The method blank provides a measure of the combined contamination derived from the laboratory source water, glassware, instruments, reagents, and sample preparation steps. Method blanks are prepared for each sample of a similar matrix extracted by the same method at a similar concentration level.

For inorganic analyses, initial and continuing calibration blanks (ICB/CCBs) consist of acidified laboratory grade water, which are injected at the beginning and at a regular frequency during each 12 - hour sample analysis run. These blanks estimate residual contaminants from the previous sample or

standards analysis and measure baseline shifts that commonly occur in emission and absorption spectroscopy.

Equipment blanks consist of analyte-free water poured over or through the sample collection equipment. The water is collected in a sample container for laboratory analysis. These blanks are collected after the sampling equipment is decontaminated and measure efficiency of the decontamination procedure. Equipment blanks were collected and analyzed for all target analytes.

For organic analyses, contaminants found in both the environmental sample and the blank sample are assumed to be laboratory artifacts if the concentration in the environmental sample is less than 2 times the blank value. For inorganic analyses, contaminants found in both the environmental sample and the blank sample are assumed to be laboratory artifacts if both values are less than the PQL.

Holding times are evaluated to assure that the sample integrity is intact for accurate sample preparation and analysis. Holding times will be specific for each method and matrix analyzed. Holding time exceedances can cause loss of sample constituents due to biodegradation, precipitation, volatization, and chemical degradation.

Comparability is a qualitative expression of the confidence with which one data set may be compared to another. It provides an assessment of the equivalence of the analytical results to data obtained from other analyses. It is important that data sets be comparable if they are used in conjunction with other data sets. The factors affecting comparability include the following: sample collection and handling techniques, matrix type, and analytical method. If these aspects of sampling and analysis are carried out according to standard analytical procedures, the data are considered comparable. Comparability is also dependent upon other PARCCS criteria, because only when precision, accuracy, and representativeness are known can data sets be compared with confidence.

Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results. Completeness is evaluated to determine if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. Completeness equals the total number of sample results for each fraction minus the total number of rejected sample results divided by the total number of sample results multiplied by 100. As specified in the project DQOs, the goal for completeness for target analytes in each analytical fraction is 90 percent.

Percent completeness is calculated using the following equation:

$$\%C = (T - R)/T \times 100$$

where:
%C = percent completeness
T = total number of sample results
R = total number of rejected sample results

Completeness is also determined by comparing the planned number of samples per method and matrix as specified in the QAPP, with the number determined above.

Sensitivity is the ability of an analytical method or instrument to discriminate between measurement responses representing different concentrations. This capability is established during the planning phase to meet the DQOs. It is important to be able to detect the target analytes at the levels of interest.

The following sections present a review of QC data for each analytical method.

2.0 2,2'-/4,4'-DICHLOROBENZIL

A total of 39 soil samples and one water sample were analyzed for 2,2'-/4,4'-dichlorobenzil by EPA SW 846 Method 8270C. All dichlorobenzil data were assessed to be valid since none of the 40 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

2.1 Precision and Accuracy

2.1.1 Instrument Calibration

Initial and continuing calibration results provide a means of evaluating accuracy within a particular SDG. Relative response factor (RRF), percent relative standard deviation (%RSD), and percent difference (%D) are the three major parameters used to measure the effectiveness of instrument calibration. RRF is a measure of the relative spectral response of an analyte compared to its internal standard. %RSD is an indication of deviation of individual calibration standards compared to the average response of the initial multi-point instrument calibration. %D is a comparison of a continuing calibration instrumental response with its initial response. %RSD and %D exceedances suggest routine instrumental anomalies, which typically impact all sample results for the affected compounds.

The %RSDs met the validation acceptance criteria of 30 percent in the initial calibration. The %Ds met the validation acceptance criteria of 25 percent in the initial calibration verification and continuing calibrations. The RRFs met the validation acceptance criteria in the initial and continuing calibrations.

2.1.2 Surrogates

All surrogate %Rs met the acceptance criteria.

2.1.3 MS/MSD Samples

No data were qualified due to a high RPD for 2,2'-/4,4'-dichlorobenzil in SB-3-3MS/MSD. The associated sample result was non-detected.

2.1.4 LCS Samples

All LCS %Rs met the acceptance criteria.

2.1.5 Internal Standards

The internal standard areas and retention times met the acceptance criteria.

2.1.6 Field Duplicate Samples

No 2,2'-/4,4'-dichlorobenzil was detected in the field duplicate pairs SB-4-3/FD-02, SB-10-0.5/FD-03 and SB-1-3/FD-022510.

2.1.7 Compound Quantitation and Target Identification

Chromatograms from the raw data were evaluated for the Stage 4 samples. All compound quantitation and target identifications were acceptable.

2.2 Representativeness

2.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 7-day extraction holding time criteria for water samples, 14-day extraction holding time criteria for soil samples and 40-day analysis holding time criteria.

2.2.2 Blanks

Method blanks and equipment blanks were collected and analyzed to evaluate representativeness. No contaminants were detected in the method blanks and equipment blanks for this analysis.

2.3 Comparability
The laboratory used standard analytical methods for all of the analyses. In all cases, the sample quantitation limits (SQLs) attained were at or below the PQLs. The comparability of the data is regarded as acceptable.

2.4 Completeness
The completeness level attained for dichlorobenzil field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

2.5 Sensitivity
Calibration requirements, SQLs, and project-specific PQLs presented in the QAPP were achieved and ensured that target analytes were detected at concentrations necessary to support the DQOs.

3.0 CHLORINATED PESTICIDES
A total of 39 soil samples and one water sample were analyzed for chlorinated pesticides by EPA SW 846 Method 8081A. All chlorinated pesticide data were assessed to be valid since none of the 920 total results was rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

3.1 Precision and Accuracy

3.1.1 Instrument Calibration
The %RSDs met the acceptance criteria of 20 percent or the coefficients of determination (r^2) were greater than 0.990 in the initial calibration. The %Ds in the initial calibration verification met the acceptance criteria of 20 percent.

No data were qualified due to continuing calibration %Ds outside of the acceptance criteria of 20 percent for heptachlor and endrin. The associated sample results were non-detected.

3.1.2 Surrogates
Due to a high surrogate %R, seven results for sample SB-2-0.5 were qualified as detected estimated (J+). The details regarding the qualification of results are presented in Attachment B, Section VI.

3.1.3 MS/MSD Samples
Due to high MS/MSD %Rs, the 4,4'-DDT result for sample SB-16.0.5 was qualified as detected estimated (J+). No data were qualified due to high MS/MSD %Rs for 2,4'-DDE and endosulfan sulfate. The associated sample results were non-detected. The details regarding the qualification of results are presented in Attachment B, Section VII.

3.1.4 LCS/LCSD Samples
All LCS/LCSD %R and RPDs met the acceptance criteria

3.1.5 Field Duplicate Samples
All RPDs for the field duplicate pairs SB-4-3/FD-02, SB-10-0.5/FD-03 and SB-1-3/FD-022510 met the acceptance criteria.

3.1.6 Compound Quantitation and Target Identification
Chromatograms from the raw data were evaluated for the Stage 4 samples. All target identifications were acceptable.

Due to compound quantitation non-conformances (i.e. RPD between two columns > 40%), the 2,4'-DDE result for sample SB-3-0.5 and the 4,4'-DDE result for sample SB-4-3 were qualified as detected estimated (J). The details regarding the qualification of results are presented in Attachment B, Section XII.

3.2 Representativeness

3.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 7-day extraction holding time criteria for water samples, 14-day extraction holding time criteria for soil samples and 40-day analysis holding time criteria.

3.2.2 Blanks

Method blanks and equipment blanks were collected and analyzed to evaluate representativeness. No contaminants were detected in the method blanks and equipment blanks for this analysis.

3.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQLs. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

3.4 Completeness

The completeness level attained for chlorinated pesticide field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

3.5 Sensitivity

Calibration requirements, SQLs, and project-specific PQLs presented in the QAPP were achieved and ensured that target analytes were detected at concentrations necessary to support the DQOs.

4.0 METALS

A total of 39 soil samples and one water sample were analyzed for metals by EPA SW 846 Method 6010B/6020/7470A/7471A. All metal data were assessed to be valid with the exception of one of the 1,100 total results which was rejected based on matrix spike recovery exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

4.1 Precision and Accuracy

4.1.1 Instrument Calibration

Initial and continuing calibration verification results provide a means of evaluating accuracy within a particular SDG. Correlation coefficient (r) and percent recovery (%R) are the two major parameters used to measure the effectiveness of instrument calibration. The correlation coefficient indicates the linearity of the calibration curve. %R is used to verify the ongoing calibration acceptability of the analytical system. The most critical of the two calibration parameters, r, has the potential to affect data accuracy across an SDG when it is outside the acceptable QC limits. %R exceedances suggest more routine instrumental anomalies, which typically impact all sample results for the affected analytes.

The correlation coefficients in the initial calibrations and percent recoveries in the continuing calibration verifications were within the acceptance criteria of $\geq$ 0.995 and 90-110 percent, respectively.

4.1.2 MS/MSD Samples

Due to severely low MS/MSD %Rs, the antimony non-detect result for sample EB-03 was qualified as rejected (R). Additionally, 111 results were qualified as detected estimated (J+,J-,J) or non-detected estimated (UJ) due to non-compliant MS/MSD %Rs and RPDs. The affected analytes were antimony, calcium, cobalt, copper, magnesium, manganese, potassium, silver, sodium and zinc. The details regarding the qualification of results are presented in Attachment C, Section VI.

4.1.3 LCS/LCSD Samples

All LCS/LCSD %R and RPDs met the acceptance criteria

4.1.4 Internal Standards

All internal standard %Rs were within acceptance criteria for the Stage 4 samples.

4.1.5 ICP Interference Check Sample

All ICP interference check sample %Rs met the acceptance criteria.

4.1.6 ICP Serial Dilution

All ICP serial dilution %Ds met the acceptance criteria.

4.1.7 Field Duplicate Samples

Due to a high RPD for field duplicate pair SB-4-3/FD-02, the antimony results were qualified as detected estimated (J) or non-detected estimated (UJ). The details regarding the qualification of results are presented in Attachment C, Section XIV.

All RPDs for the field duplicate pairs SB-10-0.5/FD-03 and SB-1-3/FD-022510 met the acceptance criteria.

4.1.8 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

4.2 Representativeness

4.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 28-day analysis holding time criteria for mercury and 180-day analysis holding time criteria for all other metals.

4.2.2 Blanks

Method blanks, initial and continuing calibration blanks and equipment blanks were analyzed to evaluate representativeness. The concentration for an individual target analyte in any of the three types of QA/QC blanks was used for data qualification.

If contaminants were detected in a blank, corrective actions were made for the chemical analytical data during data validation. The corrective action consisted of amending the laboratory reported results based on the following criteria.

> Results Below the PQL If a sample result and blank contaminant value were less than the PQL, the sample result was amended as non-detected (U) at the reported concentration.
>
> No Action If a sample result and blank contaminant values were greater than the PQL, the result was not amended.

4.2.2.1 Method Blanks and Calibration Blanks

Due to method blank and calibration blank contamination, 92 results for several samples were qualified as non-detected (U). The affected analytes were antimony, calcium, silver, sulfur, thallium and tin. The details regarding the qualification of results are presented in Attachment C, Section IV.

4.2.2.2 Equipment Blanks

No data were qualified due to the contaminants detected in equipment blank EB-022510. No data warranted qualification due to the contaminants detected in equipment blanks EB-02 and EB-03. These equipment blanks were silica sand.

4.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQL. Target compounds detected below the PQLs flagged (J) by the laboratory should be considered estimated. The comparability of the data is regarded as acceptable.

4.4 Completeness

The completeness level attained for metal field samples was 99.9 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

4.5 Sensitivity

Calibration requirements, SQLs, and project-specific PQLs presented in the QAPP were achieved and ensured that target analytes were detected at concentrations necessary to support the DQOs.

5.0 WET CHEMISTRY

A total of 39 soil samples and one water sample were analyzed for hexavalent chromium by EPA SW 846 Method 7199, a total of 39 soil samples were analyzed for pH by EPA SW 846 Method 9045C and a total of 20 soil samples were analyzed for asbestos by EPA Method 540-R-97-028. All wet chemistry data were assessed to be valid since none of the 99 total results were rejected based on holding time or QC exceedances. This section discusses the QA/QC supporting documentation as defined by the PARCCS criteria and evaluated based on the DQOs.

5.1 Precision and Accuracy

5.1.1 Instrument Calibration

The correlation coefficients in the initial calibrations met the acceptance criteria of ≥ 0.995 and the %Rs in the continuing calibration verification met the acceptance criteria of 90-110%.

5.1.2 MS/MSD Samples

All MS/MSD %Rs and RPDs met the acceptance criteria.

5.1.3 Duplicate Samples

All DUP RPDs met the acceptance criteria.

5.1.4 LCS Samples

All LCS %Rs met the acceptance criteria.

5.1.5 Field Duplicate Samples

No asbestos was detected in the field duplicate pair SB-11/FD-01. No hexavalent chromium was detected and all RPDs for pH in the field duplicate pairs SB-4-3/FD-02, SB-10-0.5/FD-03 and SB-1-3/FD-022510 met the acceptance criteria.

5.1.6 Analyte Quantitation and Target Identification

Raw data were evaluated for the Stage 4 samples. All analyte quantitation and target identifications were acceptable.

5.2 Representativeness

5.2.1 Sample Preservation and Holding Times

The evaluation of holding times to verify compliance with the method was conducted. All samples met the 30-day extraction and 4-day analysis soil holding time criteria and the 24 hour analysis water holding time criteria for hexavalent chromium and the 28-day analysis holding time criteria for pH.

5.2.2 Blanks

Method blanks and equipment blanks were collected and analyzed to evaluate representativeness. No hexavalent chromium contaminants were detected in the method blanks and equipment blanks. No data warranted qualification due to the pH results for equipment blanks EB-02 and EB-03. These equipment blanks were silica sand.

5.3 Comparability

The laboratory used standard analytical methods for all of the analyses. In all cases, the SQLs attained were at or below the PQL. The comparability of the data is regarded as acceptable.

5.4 Completeness

The completeness level attained for wet chemistry field samples was 100 percent. This percentage was calculated as the total number of accepted sample results divided by the total number of sample results multiplied by 100.

5.5 Sensitivity

Calibration requirements, SQLs, and project-specific PQLs presented in the QAPP were achieved and ensured that target analytes were detected at concentrations necessary to support the DQOs.

6.0 VARIANCES IN ANALYTICAL PERFORMANCE

The laboratory used standard analytical methods for all of the analyses throughout the project. No systematic variances in analytical performance were noted in the case narratives with the exception noted below.

The laboratory indicated that sample EB-022510 was analyzed for aluminum, calcium, iron, magnesium, mercury, potassium, sodium and sulfur only due to insufficient sample.

7.0 SUMMARY OF PARCCS CRITERIA

The validation reports present the PARCCS results for all SDGs. Each PARCCS criterion is discussed in detail in the following sections.

7.1 Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as calibration, surrogates, MS/MSD, LCS, and internal standards. The precision and accuracy of the data set were considered acceptable after integration of qualification of estimated results as noted in Sections 3.1.2, 3.1.3, 3.1.6, 4.1.2, and 4.1.7 and with the exception of the antimony result which was qualified as rejected as noted in Section 4.1.2.

7.2 Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable.

7.3 Comparability

Sampling frequency requirements were met in obtaining duplicates and necessary field blanks. The laboratory used a standard analytical method for the analysis. The analytical results were reported in correct standard units. Holding times, sample preservation, and sample integrity were within QC criteria. The overall comparability is considered acceptable.

7.4 Completeness

Of the 2,159 total analytes reported, one sample result was rejected. The completeness for the sampling event is as follows:

Parameter	Total Analytes	No. of Rejects	% Completeness
Dichlorobenzil	40	0	100
Chlorinated Pesticides	920	0	100
Metals	1,100	1	99.9
Wet Chemistry	99	0	100
Total	**2,159**	**1**	**100**

The completeness percentage based on rejected data met the 90 percent DQO goal. A less quantifiable loss of data occurred in the application of blank qualifications as specifically noted in Sections 4.2.2.1.

7.5 Sensitivity

The sensitivity of the analytical methods (i.e., SQL, PQL) identified for this project are sufficient to allow comparison of project results to decision criteria. The sensitivity was determined to be technically acceptable.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The data quality assessment for the laboratory analytical results generated for the soil investigation conducted in December 2009 to February 2010 at the Former Montrose Dichlorobenzil Warehouse Area in Henderson, Nevada established that the overall project requirements and completeness levels were met. Sample results that were found to be rejected (R) are unusable for all purposes. Sample results that were found to be estimated (J) are usable for limited purposes only. Based upon the Stage 2B and Stage 4 data validation all other results are considered valid and usable for all purposes.

9.0 REFERENCES

Geosyntec Consultants, *Work Plan to Assess Shallow Soil at the Former Dichlorobenzil Warehouse Area, Henderson, Nevada*, November 13, 2009,

NDEP Data Verification and Validation Requirements - Supplement established for the BMI Plant Sites and Common Areas Projects, Henderson, Nevada, April, 13, 2009,

*Quality Assurance Project Plan Site-wide Soil and Groundwater Investigations Former Montrose and Stauffer Sites, Henderson, Nevada (*QAPP), Revision 1.0, October 26, 2006,

Region 9 Superfund Data Evaluation/Validation Guidance, R6QA/006.1, Draft, December 2001,

USEPA 2004. *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, October 2004,

USEPA 2008. *Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*, June 2008,

____,1996. EPA SW 846 *Third Edition, Test Methods for Evaluating Solid Waste, update I, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December; update IV, February 2007.*

TABLE I

SDG#: ISL1323/F9L120470/D9L150485 **VALIDATION SAMPLE TABLE** **LDC#:** 23038A

Project Name: Former Montrose Dichlorobenzil Warehouse Area Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Dichlo-robenzil (8270C)	Pest. (8081A)	Metals (SW846)	Cr(VI) (7199)	pH (9045C)						
SB-3-0.5	ISL1323-01	soil		12/09/09	X	X	X	X	X						
SB-3-3	ISL1323-02	soil		12/09/09	X	X	X	X	X						
SB-12-0.5	ISL1323-03	soil		12/09/09	X	X	X	X	X						
SB-12-3	ISL1323-04	soil		12/09/09	X	X	X	X	X						
SB-13-0.5	ISL1323-05	soil		12/09/09	X	X	X	X	X						
SB-13-3	ISL1323-06	soil		12/09/09	X	X	X	X	X						
SB-4-0.5	ISL1323-07	soil		12/09/09	X	X	X	X	X						
SB-4-3	ISL1323-08	soil	FD1	12/09/09	X	X	X	X	X						
FD-02	ISL1323-09	soil	FD1	12/09/09	X	X	X	X	X						
SB-11-0.5	ISL1323-10	soil		12/09/09	X	X	X	X	X						
SB-11-3	ISL1323-11	soil		12/09/09	X	X	X	X	X						
SB-14-0.5	ISL1323-12	soil		12/09/09	X	X	X	X	X						
SB-14-3	ISL1323-13	soil		12/09/09	X	X	X	X	X						
SB-5-0.5	ISL1323-14	soil		12/09/09	X	X	X	X	X						
SB-5-3	ISL1323-15	soil		12/09/09	X	X	X	X	X						
SB-10-0.5	ISL1323-16	soil	FD2	12/09/09	X	X	X	X	X						
FD-03	ISL1323-17	soil	FD2	12/09/09	X	X	X	X	X						
SB-10-3	ISL1323-18	soil		12/09/09	X	X	X	X	X						
SB-16-0.5	ISL1323-19	soil		12/09/09	X	X	X	X	X						
SB-16-3	ISL1323-20	soil		12/09/09	X	X	X	X	X						

Shaded samples underwent Stage 4 review (other samples underwent Stage 2B validation)
DUP = Lab Duplicate, EB = Equipment Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate

SDG#: ISL1323/F9L120470/D9L150485 **VALIDATION SAMPLE TABLE** **LDC#:** 23038A

Project Name: Former Montrose Dichlorobenzil Warehouse Area Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Dichlo-robenzil (8270C)	Pest. (8081A)	Metals (SW846)	Cr(VI) (7199)	pH (9045C)						
SB-15-0.5	ISL1323-21	soil		12/09/09	X	X	X	X	X						
SB-15-3	ISL1323-22	soil		12/09/09	X	X	X	X	X						
EB-02	ISL1323-24	silica sand	EB	12/09/09	X	X	X	X	X						
SB-3-3MS	ISL1323-02MS	soil	MS	12/09/09	X	X	X	X							
SB-3-3MSD	ISL1323-02MSD	soil	MSD	12/09/09	X	X	X	X							
SB-16-0.5MS	ISL1323-19MS	soil	MS	12/09/09	X	X	X	X							
SB-16-0.5MSD	ISL1323-19MSD	soil	MSD	12/09/09	X	X	X	X							
SB-5-0.5DUP	ISL1323-14DUP	soil		12/09/09					X						
SB-5-3DUP	ISL1323-15DUP	soil		12/09/09					X						

Shaded samples underwent Stage 4 review (other samples underwent Stage 2B validation)
DUP = Lab Duplicate, EB = Equipment Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate

SDG#: ISL1431/090910016 **VALIDATION SAMPLE TABLE** **LDC#:** 23038B

Project Name: Former Montrose Dichlorobenzil Warehouse Area Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Asb. (540-R-97-028)										
SB-9	ISL1431-01	soil		12/08/09	X										
SB-6	ISL1431-02	soil		12/08/09	X										
SB-7	ISL1431-03	soil		12/08/09	X										
SB-8	ISL1431-04	soil		12/08/09	X										
SB-10	ISL1431-05	soil		12/08/09	X										
SB-15	ISL1431-06	soil		12/08/09	X										
SB-16	ISL1431-07	soil		12/08/09	X										
SB-4	ISL1431-08	soil		12/08/09	X										
SB-11	ISL1431-09	soil	FD	12/08/09	X										
FD-01	ISL1431-10	soil	FD	12/08/09	X										
SB-14	ISL1431-11	soil		12/08/09	X										
SB-13	ISL1431-12	soil		12/08/09	X										
SB-12	ISL1431-13	soil		12/08/09	X										
SB-3	ISL1431-14	soil		12/08/09	X										
SB-5	ISL1431-15	soil		12/08/09	X										

Shaded samples underwent Stage 4 review (other samples underwent Stage 2B validation)
DUP = Lab Duplicate, EB = Equipment Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate

SDG#: ISL1574/D9L150500/F9L150501 **VALIDATION SAMPLE TABLE** **LDC#:** 23038C

Project Name: Former Montrose Dichlorobenzil Warehouse Area Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Dichlo-robenzil (8270C)	Pest. (8081A)	Metals (SW846)	Cr(VI) (7199)	pH (9045C)						
SB-9-0.5	ISL1574-01	soil		12/10/09	X	X	X	X	X						
SB-9-3	ISL1574-02	soil		12/10/09	X	X	X	X	X						
SB-7-0.5	ISL1574-04	soil		12/10/09	X	X	X	X	X						
SB-7-3	ISL1574-05	soil		12/10/09	X	X	X	X	X						
SB-8-0.5	ISL1574-06	soil		12/10/09	X	X	X	X	X						
SB-8-3	ISL1574-07	soil		12/10/09	X	X	X	X	X						
SB-6-0.5	ISL1574-08	soil		12/10/09	X	X	X	X	X						
SB-6-3	ISL1574-09	soil		12/10/09	X	X	X	X	X						
EB-03	ISL1574-10	silica sand	EB	12/10/09	X	X	X	X	X						
SB-9-0.5MS	ISL1574-01MS	soil	MS	12/10/09			X								
SB-9-0.5MSD	ISL1574-01MSD	soil	MSD	12/10/09			X								
SB-7-0.5MS	ISL1574-04MS	soil	MS	12/10/09		X	X	X							
SB-7-0.5MSD	ISL1574-04MSD	soil	MSD	12/10/09		X	X	X							
SB-6-0.5MS	ISL1574-08MS	soil	MS	12/10/09	X	X	X	X							
SB-6-0.5MSD	ISL1574-08MSD	soil	MSD	12/10/09	X	X	X	X							
SB-6-0.5DUP	ISL1574-08DUP	soil	DUP	12/10/09					X						
EB-03DUP	ISL1574-10DUP	silica sand	DUP	12/10/09					X						

Shaded samples underwent Stage 4 review (other samples underwent Stage 2B validation)
DUP = Lab Duplicate, EB = Equipment Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate

SDG#: ITB2701/280-968-1/F0C020457/091001931 **VALIDATION SAMPLE TABLE** **LDC#:** 23210A

Project Name: Former Montrose Dichlorobenzil Warehouse Area Parameters/Analytical Method

Client ID #	Lab ID #	Matrix	QC Type	Date Collected	Dichlorobenzil (8270C)	Pest. (8081A)	Metals (SW846)	Cr(VI) (7199)	Asb. (540-R-97-028)	pH (9045C)					
EB-022510	ITB2701-01	water	EB	02/25/10	X	X	X	X							
SB-1-0.5	ITB2701-02	soil		02/25/10	X	X	X	X		X					
SB-1-3	ITB2701-03	soil	FD	02/25/10	X	X	X	X		X					
FD-022510	ITB2701-04	soil	FD	02/25/10	X	X	X	X		X					
SB-2-0.5	ITB2701-05	soil		02/25/10	X	X	X	X		X					
SB-2-3	ITB2701-06	soil		02/25/10	X	X	X	X		X					
SB-17-0.5	ITB2701-07	soil		02/25/10	X	X	X	X		X					
SB-17-3	ITB2701-08	soil		02/25/10	X	X	X	X		X					
SB-1	ITB2701-09	soil		02/25/10					X						
SB-2	ITB2701-10	soil		02/25/10					X						
SB-17	ITB2701-11	soil		02/25/10					X						
FTF-38	ITB2701-12	soil		02/25/10					X						
FDF-41	ITB2701-15	soil		02/25/10					X						
SB-1-0.5MS	ITB2701-02MS	soil	MS	02/25/10			X								
SB-1-0.5MSD	ITB2701-02MSD	soil	MSD	02/25/10			X								
SB-1-3MS	ITB2701-03MS	soil	MS	02/25/10	X	X	Hg	X							
SB-1-3MSD	ITB2701-03MSD	soil	MSD	02/25/10	X	X	Hg	X							
FD-022510MS	ITB2701-04MS	soil	MS	02/25/10			X								
FD-022510MSD	ITB2701-04MSD	soil	MSD	02/25/10			X								
SB-17-3DUP	ITB2701-08DUP	soil	DUP	02/25/10						X					

Shaded samples underwent Stage 4 review (other samples underwent Stage 2B validation)
DUP = Lab Duplicate, EB = Equipment Blank, FD = Field Duplicate,
MS = Matrix Spike, MSD = Matrix Spike Duplicate

Table II. Reason Codes and Definitions

Code	Definition
1	Holding Times
2	Sample Preservation (i.e. Headspace, Cooler Temp)
3	Sample Custody
4	Missing Deliverables
5	Calibration
6	Field Blanks
7	Laboratory Blanks
8	Matrix Spike (%)
9	Matrix Spike Duplicate or Duplicate Sample (RPD)
10	Laboratory Control Sample
11	ICP Interference Check
12	RPD Between Two Columns
13	Surrogates
14	Field Duplicates
15	Peak Resolution
16	ICP Serial Dilution
17	Chemical Recoveries
18	Trip Blanks
19	Internal Standards
20	Linear Range Exceeded
21	Potential False Positives
22	Do not use, other result more technically sound
23	Estimated Maximum Possible Concentration
24	Other

Table III. Overall Qualified Results

SDG	Client Sample ID	Lab Sample ID	Sample Date	Matrix	Method	Analyte	Lab Result	SQL	PQL	Units	Validation Qualifier	Reason Code
ISL1323	SB-3-0.5	ISL1323-01	12/9/2009	Soil	8081A	2,4-DDE	14	1.6	5.3	ug/kg	J	12
ISL1323	SB-4-3	ISL1323-08	12/9/2009	Soil	8081A	4,4-DDE	2.4	1.6	5.3	ug/kg	J	12
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	8081A	4,4-DDT	58	1.6	5.3	ug/kg	J+	8
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	2,4-DDE	1.6	1.6	5.3	ug/kg	J+	13
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	2,4'-DDT	1.8	1.6	5.3	ug/kg	J+	13
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	4,4-DDE	13	1.6	5.3	ug/kg	J+	13
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	4,4-DDT	7.2	1.6	5.3	ug/kg	J+	13
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	alpha-BHC	2.3	1.6	5.3	ug/kg	J+	13
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	beta-BHC	66	1.6	5.3	ug/kg	J+	13
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	8081A	Endosulfan sulfate	2.2	2.1	11	ug/kg	J+	13
ISL1323	SB-3-0.5	ISL1323-01	12/9/2009	Soil	6010B	Calcium	34000	6.6	16	mg/kg	J	9
ISL1323	SB-3-0.5	ISL1323-01	12/9/2009	Soil	6010B	Sodium	560	26	53	mg/kg	J+	8
ISL1323	SB-3-0.5	ISL1323-01	12/9/2009	Soil	6010B	Sulfur	130	23	530	mg/kg	U	7
ISL1323	SB-3-0.5	ISL1323-01	12/9/2009	Soil	6010B	Tin	3.0	1.4	11	mg/kg	U	7
ISL1323	SB-3-3	ISL1323-02	12/9/2009	Soil	6010B	Calcium	20000	6.7	16	mg/kg	J	9
ISL1323	SB-3-3	ISL1323-02	12/9/2009	Soil	6010B	Sodium	530	26	53	mg/kg	J+	8
ISL1323	SB-3-3	ISL1323-02	12/9/2009	Soil	6010B	Sulfur	99	23	530	mg/kg	U	7
ISL1323	SB-3-3	ISL1323-02	12/9/2009	Soil	6010B	Tin	3.7	1.4	11	mg/kg	U	7
ISL1323	SB-12-0.5	ISL1323-03	12/9/2009	Soil	6010B	Calcium	26000	6.6	16	mg/kg	J	9
ISL1323	SB-12-0.5	ISL1323-03	12/9/2009	Soil	6010B	Sodium	1200	26	53	mg/kg	J+	8
ISL1323	SB-12-0.5	ISL1323-03	12/9/2009	Soil	6010B	Sulfur	190	23	530	mg/kg	U	7
ISL1323	SB-12-0.5	ISL1323-03	12/9/2009	Soil	6010B	Tin	3.3	1.4	11	mg/kg	U	7
ISL1323	SB-12-3	ISL1323-04	12/9/2009	Soil	6010B	Calcium	57000	6.7	16	mg/kg	J	9
ISL1323	SB-12-3	ISL1323-04	12/9/2009	Soil	6010B	Sodium	930	26	53	mg/kg	J+	8
ISL1323	SB-12-3	ISL1323-04	12/9/2009	Soil	6010B	Sulfur	300	23	530	mg/kg	U	7
ISL1323	SB-12-3	ISL1323-04	12/9/2009	Soil	6010B	Tin	3.0	1.4	11	mg/kg	U	7
ISL1323	SB-13-0.5	ISL1323-05	12/9/2009	Soil	6010B	Calcium	30000	6.6	16	mg/kg	J	9
ISL1323	SB-13-0.5	ISL1323-05	12/9/2009	Soil	6010B	Sodium	630	26	53	mg/kg	J+	8
ISL1323	SB-13-0.5	ISL1323-05	12/9/2009	Soil	6010B	Sulfur	190	23	530	mg/kg	U	7
ISL1323	SB-13-0.5	ISL1323-05	12/9/2009	Soil	6010B	Tin	2.9	1.4	11	mg/kg	U	7
ISL1323	SB-13-3	ISL1323-06	12/9/2009	Soil	6010B	Calcium	35000	6.6	16	mg/kg	J	9
ISL1323	SB-13-3	ISL1323-06	12/9/2009	Soil	6010B	Sodium	520	26	53	mg/kg	J+	8
ISL1323	SB-13-3	ISL1323-06	12/9/2009	Soil	6010B	Sulfur	150	23	530	mg/kg	U	7
ISL1323	SB-13-3	ISL1323-06	12/9/2009	Soil	6010B	Tin	3.3	1.4	11	mg/kg	U	7
ISL1323	SB-4-0.5	ISL1323-07	12/9/2009	Soil	6010B	Calcium	29000	6.6	16	mg/kg	J	9

Table III. Overall Qualified Results

SDG	Client Sample ID	Lab Sample ID	Sample Date	Matrix	Method	Analyte	Lab Result	SQL	PQL	Units	Validation Qualifier	Reason Code
ISL1323	SB-4-0.5	ISL1323-07	12/9/2009	Soil	6010B	Sodium	660	26	53	mg/kg	J+	8
ISL1323	SB-4-0.5	ISL1323-07	12/9/2009	Soil	6010B	Sulfur	300	23	530	mg/kg	U	7
ISL1323	SB-4-0.5	ISL1323-07	12/9/2009	Soil	6010B	Tin	3.5	1.4	11	mg/kg	U	7
ISL1323	SB-4-3	ISL1323-08	12/9/2009	Soil	6010B	Calcium	33000	6.6	16	mg/kg	J	9
ISL1323	SB-4-3	ISL1323-08	12/9/2009	Soil	6010B	Sodium	440	26	53	mg/kg	J+	8
ISL1323	SB-4-3	ISL1323-08	12/9/2009	Soil	6010B	Sulfur	150	23	530	mg/kg	U	7
ISL1323	SB-4-3	ISL1323-08	12/9/2009	Soil	6010B	Tin	3.2	1.4	11	mg/kg	U	7
ISL1323	FD-02	ISL1323-09	12/9/2009	Soil	6010B	Calcium	30000	6.6	16	mg/kg	J	9
ISL1323	FD-02	ISL1323-09	12/9/2009	Soil	6010B	Sodium	520	26	53	mg/kg	J+	8
ISL1323	FD-02	ISL1323-09	12/9/2009	Soil	6010B	Sulfur	140	23	530	mg/kg	U	7
ISL1323	FD-02	ISL1323-09	12/9/2009	Soil	6010B	Tin	3.6	1.4	11	mg/kg	U	7
ISL1323	SB-11-0.5	ISL1323-10	12/9/2009	Soil	6010B	Calcium	27000	6.6	16	mg/kg	J	9
ISL1323	SB-11-0.5	ISL1323-10	12/9/2009	Soil	6010B	Sodium	620	26	53	mg/kg	J+	8
ISL1323	SB-11-0.5	ISL1323-10	12/9/2009	Soil	6010B	Sulfur	110	23	530	mg/kg	U	7
ISL1323	SB-11-0.5	ISL1323-10	12/9/2009	Soil	6010B	Tin	3.8	1.4	11	mg/kg	U	7
ISL1323	SB-11-3	ISL1323-11	12/9/2009	Soil	6010B	Calcium	33000	6.6	16	mg/kg	J	9
ISL1323	SB-11-3	ISL1323-11	12/9/2009	Soil	6010B	Sodium	600	26	53	mg/kg	J+	8
ISL1323	SB-11-3	ISL1323-11	12/9/2009	Soil	6010B	Sulfur	110	23	530	mg/kg	U	7
ISL1323	SB-11-3	ISL1323-11	12/9/2009	Soil	6010B	Tin	3.8	1.4	11	mg/kg	U	7
ISL1323	SB-14-0.5	ISL1323-12	12/9/2009	Soil	6010B	Calcium	27000	6.6	16	mg/kg	J	9
ISL1323	SB-14-0.5	ISL1323-12	12/9/2009	Soil	6010B	Sodium	440	26	53	mg/kg	J+	8
ISL1323	SB-14-0.5	ISL1323-12	12/9/2009	Soil	6010B	Sulfur	110	23	530	mg/kg	U	7
ISL1323	SB-14-0.5	ISL1323-12	12/9/2009	Soil	6010B	Tin	3.4	1.4	11	mg/kg	U	7
ISL1323	SB-14-3	ISL1323-13	12/9/2009	Soil	6010B	Calcium	38000	6.6	16	mg/kg	J	9
ISL1323	SB-14-3	ISL1323-13	12/9/2009	Soil	6010B	Sodium	560	26	53	mg/kg	J+	8
ISL1323	SB-14-3	ISL1323-13	12/9/2009	Soil	6010B	Sulfur	170	23	530	mg/kg	U	7
ISL1323	SB-14-3	ISL1323-13	12/9/2009	Soil	6010B	Tin	3.3	1.4	11	mg/kg	U	7
ISL1323	SB-5-0.5	ISL1323-14	12/9/2009	Soil	6010B	Calcium	32000	6.6	16	mg/kg	J	9
ISL1323	SB-5-0.5	ISL1323-14	12/9/2009	Soil	6010B	Sodium	630	26	53	mg/kg	J+	8
ISL1323	SB-5-0.5	ISL1323-14	12/9/2009	Soil	6010B	Sulfur	490	23	530	mg/kg	U	7
ISL1323	SB-5-0.5	ISL1323-14	12/9/2009	Soil	6010B	Tin	4.1	1.4	11	mg/kg	U	7
ISL1323	SB-5-3	ISL1323-15	12/9/2009	Soil	6010B	Calcium	31000	6.6	16	mg/kg	J	9
ISL1323	SB-5-3	ISL1323-15	12/9/2009	Soil	6010B	Sodium	480	26	52	mg/kg	J+	8
ISL1323	SB-5-3	ISL1323-15	12/9/2009	Soil	6010B	Sulfur	210	23	530	mg/kg	U	7
ISL1323	SB-5-3	ISL1323-15	12/9/2009	Soil	6010B	Tin	3.7	1.4	11	mg/kg	U	7

Table III. Overall Qualified Results

SDG	Client Sample ID	Lab Sample ID	Sample Date	Matrix	Method	Analyte	Lab Result	SQL	PQL	Units	Validation Qualifier	Reason Code
ISL1323	SB-10-0.5	ISL1323-16	12/9/2009	Soil	6010B	Calcium	30000	6.6	16	mg/kg	J	9
ISL1323	SB-10-0.5	ISL1323-16	12/9/2009	Soil	6010B	Sodium	590	26	53	mg/kg	J+	8
ISL1323	SB-10-0.5	ISL1323-16	12/9/2009	Soil	6010B	Sulfur	160	23	530	mg/kg	U	7
ISL1323	SB-10-0.5	ISL1323-16	12/9/2009	Soil	6010B	Tin	3.8	1.4	11	mg/kg	U	7
ISL1323	FD-03	ISL1323-17	12/9/2009	Soil	6010B	Calcium	28000	6.6	16	mg/kg	J	9
ISL1323	FD-03	ISL1323-17	12/9/2009	Soil	6010B	Sodium	500	26	53	mg/kg	J+	8
ISL1323	FD-03	ISL1323-17	12/9/2009	Soil	6010B	Sulfur	170	23	530	mg/kg	U	7
ISL1323	FD-03	ISL1323-17	12/9/2009	Soil	6010B	Tin	3.8	1.4	11	mg/kg	U	7
ISL1323	SB-10-3	ISL1323-18	12/9/2009	Soil	6010B	Calcium	51000	6.7	16	mg/kg	J	9
ISL1323	SB-10-3	ISL1323-18	12/9/2009	Soil	6010B	Sodium	490	26	53	mg/kg	J+	8
ISL1323	SB-10-3	ISL1323-18	12/9/2009	Soil	6010B	Sulfur	130	23	530	mg/kg	U	7
ISL1323	SB-10-3	ISL1323-18	12/9/2009	Soil	6010B	Tin	3.0	1.4	11	mg/kg	U	7
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	6010B	Magnesium	20000	1.1	11	mg/kg	J	9
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	6010B	Sodium	1800	26	53	mg/kg	J+	8
ISL1323	SB-16-3	ISL1323-20	12/9/2009	Soil	6010B	Magnesium	13000	1.1	11	mg/kg	J	9
ISL1323	SB-16-3	ISL1323-20	12/9/2009	Soil	6010B	Sodium	1300	26	53	mg/kg	J+	8
ISL1323	SB-15-0.5	ISL1323-21	12/9/2009	Soil	6010B	Magnesium	13000	1.1	11	mg/kg	J	9
ISL1323	SB-15-0.5	ISL1323-21	12/9/2009	Soil	6010B	Sodium	720	26	53	mg/kg	J+	8
ISL1323	SB-15-0.5	ISL1323-21	12/9/2009	Soil	6010B	Sulfur	150	23	530	mg/kg	U	7
ISL1323	SB-15-3	ISL1323-22	12/9/2009	Soil	6010B	Magnesium	10000	1.1	11	mg/kg	J	9
ISL1323	SB-15-3	ISL1323-22	12/9/2009	Soil	6010B	Sodium	800	26	53	mg/kg	J+	8
ISL1323	SB-15-3	ISL1323-22	12/9/2009	Soil	6010B	Sulfur	110	23	530	mg/kg	U	7
ISL1323	EB-02	ISL1323-24	12/9/2009	Soil	6010B	Magnesium	230	1.1	11	mg/kg	J	9
ISL1323	EB-02	ISL1323-24	12/9/2009	Soil	6010B	Sodium	35	26	53	mg/kg	J+	8
ISL1323	EB-02	ISL1323-24	12/9/2009	Soil	6010B	Sulfur	340	23	530	mg/kg	U	7
ISL1574	SB-9-0.5	ISL1574-01	12/10/2009	Soil	6010B	Sulfur	110	23	530	mg/kg	U	7
ISL1574	SB-9-3	ISL1574-02	12/10/2009	Soil	6010B	Sulfur	190	23	530	mg/kg	U	7
ISL1574	SB-7-0.5	ISL1574-04	12/10/2009	Soil	6010B	Calcium	31000	6.6	16	mg/kg	J	9
ISL1574	SB-7-0.5	ISL1574-04	12/10/2009	Soil	6010B	Potassium	1800	20	53	mg/kg	J+	8
ISL1574	SB-7-0.5	ISL1574-04	12/10/2009	Soil	6010B	Sulfur	170	23	530	mg/kg	U	7
ISL1574	SB-7-3	ISL1574-05	12/10/2009	Soil	6010B	Sulfur	340	23	530	mg/kg	U	7
ISL1574	SB-8-0.5	ISL1574-06	12/10/2009	Soil	6010B	Sulfur	130	23	530	mg/kg	U	7
ISL1574	SB-8-3	ISL1574-07	12/10/2009	Soil	6010B	Sulfur	160	23	530	mg/kg	U	7
ISL1574	SB-6-0.5	ISL1574-08	12/10/2009	Soil	6010B	Sulfur	240	23	530	mg/kg	U	7
ISL1574	SB-6-3	ISL1574-09	12/10/2009	Soil	6010B	Sulfur	260	23	530	mg/kg	U	7

Table III. Overall Qualified Results

SDG	Client Sample ID	Lab Sample ID	Sample Date	Matrix	Method	Analyte	Lab Result	SQL	PQL	Units	Validation Qualifier	Reason Code
ISL1574	EB-03	ISL1574-10	12/10/2009	Soil	6010B	Sulfur	210	23	530	mg/kg	U	7
ITB2701	EB-022510	ITB2701-01	2/25/2010	Soil	6010B	Calcium	0.071	0.05	0.11	mg/l	U	7
ITB2701	SB-1-0.5	ITB2701-02	2/25/2010	Soil	6010B	Calcium	27000	6.6	16	mg/kg	J	9
ITB2701	SB-1-0.5	ITB2701-02	2/25/2010	Soil	6010B	Sodium	1800	26	52	mg/kg	J-	8
ITB2701	SB-1-3	ITB2701-03	2/25/2010	Soil	6010B	Calcium	20000	6.6	16	mg/kg	J	9
ITB2701	SB-1-3	ITB2701-03	2/25/2010	Soil	6010B	Sodium	1700	26	53	mg/kg	J-	8
ITB2701	FD-022510	ITB2701-04	2/25/2010	Soil	6010B	Calcium	20000	6.6	16	mg/kg	J	9
ITB2701	FD-022510	ITB2701-04	2/25/2010	Soil	6010B	Sodium	2000	26	53	mg/kg	J-	8
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	6010B	Calcium	18000	6.6	16	mg/kg	J	9
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	6010B	Sodium	760	26	52	mg/kg	J-	8
ITB2701	SB-2-3	ITB2701-06	2/25/2010	Soil	6010B	Calcium	34000	6.7	16	mg/kg	J	9
ITB2701	SB-2-3	ITB2701-06	2/25/2010	Soil	6010B	Sodium	570	26	53	mg/kg	J-	8
ITB2701	SB-17-0.5	ITB2701-07	2/25/2010	Soil	6010B	Calcium	20000	6.6	16	mg/kg	J	9
ITB2701	SB-17-0.5	ITB2701-07	2/25/2010	Soil	6010B	Sodium	640	26	52	mg/kg	J-	8
ITB2701	SB-17-3	ITB2701-08	2/25/2010	Soil	6010B	Calcium	29000	6.6	16	mg/kg	J	9
ITB2701	SB-17-3	ITB2701-08	2/25/2010	Soil	6010B	Sodium	500	26	53	mg/kg	J-	8
ISL1323	SB-3-0.5	ISL1323-01	12/9/2009	Soil	6020	Antimony	0.029	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-3-3	ISL1323-02	12/9/2009	Soil	6020	Antimony	0.021	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-3-3	ISL1323-02	12/9/2009	Soil	6020	Manganese	340	0.035	0.27	mg/kg	J	9
ISL1323	SB-12-0.5	ISL1323-03	12/9/2009	Soil	6020	Antimony	0.017	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-12-3	ISL1323-04	12/9/2009	Soil	6020	Antimony	ND	0.015	0.21	mg/kg	UJ	8,9
ISL1323	SB-13-0.5	ISL1323-05	12/9/2009	Soil	6020	Antimony	0.026	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-13-3	ISL1323-06	12/9/2009	Soil	6020	Antimony	0.030	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-4-0.5	ISL1323-07	12/9/2009	Soil	6020	Antimony	0.022	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-4-3	ISL1323-08	12/9/2009	Soil	6020	Antimony	0.017	0.015	0.21	mg/kg	UJ	7,8,9,14
ISL1323	FD-02	ISL1323-09	12/9/2009	Soil	6020	Antimony	ND	0.015	0.21	mg/kg	UJ	8,9,14
ISL1323	SB-11-0.5	ISL1323-10	12/9/2009	Soil	6020	Antimony	0.020	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-11-3	ISL1323-11	12/9/2009	Soil	6020	Antimony	0.015	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-14-0.5	ISL1323-12	12/9/2009	Soil	6020	Antimony	0.017	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-14-3	ISL1323-13	12/9/2009	Soil	6020	Antimony	0.026	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-5-0.5	ISL1323-14	12/9/2009	Soil	6020	Antimony	0.128	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-5-3	ISL1323-15	12/9/2009	Soil	6020	Antimony	0.026	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-10-0.5	ISL1323-16	12/9/2009	Soil	6020	Antimony	0.023	0.015	0.21	mg/kg	UJ	7,8,9

Table III. Overall Qualified Results

SDG	Client Sample ID	Lab Sample ID	Sample Date	Matrix	Method	Analyte	Lab Result	SQL	PQL	Units	Validation Qualifier	Reason Code
ISL1323	FD-03	ISL1323-17	12/9/2009	Soil	6020	Antimony	0.022	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-10-3	ISL1323-18	12/9/2009	Soil	6020	Antimony	0.018	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	6020	Antimony	0.036	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	6020	Copper	0.019	0.08	0.27	mg/kg	J-	8
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	6020	Silver	0.091	0.021	0.11	mg/kg	J-	8
ISL1323	SB-16-0.5	ISL1323-19	12/9/2009	Soil	6020	Zinc	51	0.34	1.1	mg/kg	J-	8
ISL1323	SB-16-3	ISL1323-20	12/9/2009	Soil	6020	Antimony	0.019	0.015	0.21	mg/kg	UJ	7,8,9
ISL1323	SB-15-0.5	ISL1323-21	12/9/2009	Soil	6020	Antimony	0.034	0.015	0.21	mg/kg	U	7
ISL1323	SB-15-3	ISL1323-22	12/9/2009	Soil	6020	Antimony	0.028	0.015	0.21	mg/kg	U	7
ISL1574	SB-9-0.5	ISL1574-01	12/10/2009	Soil	6020	Antimony	0.021	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-9-3	ISL1574-02	12/10/2009	Soil	6020	Antimony	0.019	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-7-0.5	ISL1574-04	12/10/2009	Soil	6020	Antimony	0.023	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-7-0.5	ISL1574-04	12/10/2009	Soil	6020	Cobalt	13	0.007	0.11	mg/kg	J-	8
ISL1574	SB-7-0.5	ISL1574-04	12/10/2009	Soil	6020	Copper	17	0.08	0.27	mg/kg	J-	8
ISL1574	SB-7-3	ISL1574-05	12/10/2009	Soil	6020	Antimony	0.022	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-8-0.5	ISL1574-06	12/10/2009	Soil	6020	Antimony	0.018	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-8-3	ISL1574-07	12/10/2009	Soil	6020	Antimony	0.015	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-6-0.5	ISL1574-08	12/10/2009	Soil	6020	Antimony	0.023	0.015	0.21	mg/kg	UJ	7,8
ISL1574	SB-6-3	ISL1574-09	12/10/2009	Soil	6020	Antimony	0.015	0.015	0.21	mg/kg	UJ	7,8
ISL1574	EB-03	ISL1574-10	12/10/2009	Soil	6020	Antimony	ND	0.015	0.21	mg/kg	R	8
ITB2701	SB-1-0.5	ITB2701-02	2/25/2010	Soil	6020	Antimony	0.021	0.013	0.18	mg/Kg	UJ	7,8
ITB2701	SB-1-0.5	ITB2701-02	2/25/2010	Soil	6020	Copper	14	0.06	0.22	mg/Kg	J	8,9
ITB2701	SB-1-0.5	ITB2701-02	2/25/2010	Soil	6020	Silver	0.058	0.018	0.09	mg/Kg	U	7
ITB2701	SB-1-3	ITB2701-03	2/25/2010	Soil	6020	Antimony	0.048	0.015	0.20	mg/Kg	UJ	7,8
ITB2701	SB-1-3	ITB2701-03	2/25/2010	Soil	6020	Copper	14	0.07	0.26	mg/Kg	J	8,9
ITB2701	SB-1-3	ITB2701-03	2/25/2010	Soil	6020	Silver	0.065	0.021	0.10	mg/Kg	U	7
ITB2701	FD-022510	ITB2701-04	2/25/2010	Soil	6020	Antimony	0.033	0.014	0.20	mg/Kg	UJ	7,8
ITB2701	FD-022510	ITB2701-04	2/25/2010	Soil	6020	Copper	13	0.07	0.24	mg/Kg	J	8,9
ITB2701	FD-022510	ITB2701-04	2/25/2010	Soil	6020	Silver	0.062	0.020	0.10	mg/Kg	U	7
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	6020	Antimony	0.022	0.014	0.19	mg/Kg	UJ	7,8
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	6020	Copper	15	0.07	0.23	mg/Kg	J	8,9
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	6020	Silver	0.053	0.019	0.09	mg/Kg	U	7

Table III. Overall Qualified Results

SDG	Client Sample ID	Lab Sample ID	Sample Date	Matrix	Method	Analyte	Lab Result	SQL	PQL	Units	Validation Qualifier	Reason Code
ITB2701	SB-2-0.5	ITB2701-05	2/25/2010	Soil	6020	Thallium	0.094	0.003	0.09	mg/Kg	U	7
ITB2701	SB-2-3	ITB2701-06	2/25/2010	Soil	6020	Antimony	0.018	0.014	0.20	mg/Kg	UJ	7,8
ITB2701	SB-2-3	ITB2701-06	2/25/2010	Soil	6020	Copper	15	0.07	0.24	mg/Kg	J	8,9
ITB2701	SB-2-3	ITB2701-06	2/25/2010	Soil	6020	Silver	0.061	0.020	0.10	mg/Kg	U	7
ITB2701	SB-17-0.5	ITB2701-07	2/25/2010	Soil	6020	Antimony	0.016	0.014	0.19	mg/Kg	UJ	7,8
ITB2701	SB-17-0.5	ITB2701-07	2/25/2010	Soil	6020	Copper	17	0.07	0.23	mg/Kg	J	8,9
ITB2701	SB-17-0.5	ITB2701-07	2/25/2010	Soil	6020	Silver	0.054	0.019	0.09	mg/Kg	U	7
ITB2701	SB-17-3	ITB2701-08	2/25/2010	Soil	6020	Antimony	0.018	0.014	0.19	mg/Kg	UJ	7,8
ITB2701	SB-17-3	ITB2701-08	2/25/2010	Soil	6020	Copper	15	0.07	0.24	mg/Kg	J	8,9
ITB2701	SB-17-3	ITB2701-08	2/25/2010	Soil	6020	Silver	0.057	0.019	0.10	mg/Kg	U	7

ATTACHMENT A

Dichlorobenzil Data Validation Report (DVR)

2,2'-/4,4'-Dichlorobenzil by EPA SW 846 Method 8270C

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 30.0% for 2,2'-/4,4'-Dichlorobenzil.

Average relative response factors (RRF) for 2,2'-/4,4'-Dichlorobenzil was within method and validation criteria.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the validation criteria of less than or equal to 25.0% for 2,2'-/4,4'-Dichlorobenzil.

The percent difference (%D) of the second source calibration standard were less than or equal to 25.0% for 2,2'-/4,4'-Dichlorobenzil.

All of the continuing calibration relative response factors (RRF) for were within method and validation criteria.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No 2,2'-/4,4'-Dichlorobenzil was found in the method blanks.

Samples EB-02 (SDG ISL1323), EB-03 (SDG ISL1574), and EB-022510 (SDG ITB2701) were identified as equipment blanks. No 2,2'-/4,4'-Dichlorobenzil was found in this blank.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
ISL1323	SB-3-3MS/MSD (SB-3-3)	2,2'-/4,4'-Dichlorobenzil	-	-	41 (≤30)	NA	-

Although the above listed RPD flagged "NA" demonstrates a high bias, the affected compound in the associated samples was non-detected and did not warrant the qualification of the data.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples reviewed by Stage 2B criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples reviewed by Stage 2B criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was acceptable for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples reviewed by Stage 2B criteria.

XV. Overall Assessment

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

Samples SB-4-3 and FD-02 and samples SB-10-0.5 and FD-03 (from SDG ISL1323) and samples SB-1-3 and FD-022510 (from SDG ITB2701) were identified as field duplicates. No 2,2'-/4,4'-Dichlorobenzil was detected in any of the samples.

Former Montrose Dichlorobenzil Warehouse Area
2,2'-/4,4'-Dichlorobenzil - Data Qualification Summary - SDG ISL1323, ISL1574, and ITB2701

No Sample Data Qualified in this SDG

Former Montrose Dichlorobenzil Warehouse Area
2,2'-/4,4'-Dichlorobenzil - Laboratory Blank Data Qualification Summary - SDG ISL1323, ISL1574, and ITB2701

No Sample Data Qualified in this SDG

Former Montrose Dichlorobenzil Warehouse Area
2,2'-/4,4'-Dichlorobenzil - Field Blank Data Qualification Summary - SDG ISL1323, ISL1574, and ITB2701

No Sample Data Qualified in this SDG

ATTACHMENT B

Chlorinated Pesticides DVR

Chlorinated Pesticides by EPA SW 846 Method 8081A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance was acceptable unless noted otherwise under initial calibration and continuing calibration sections.

III. Initial Calibration

Initial calibration of single and multicomponent compounds was performed for the primary (quantitation) column and confirmation column as required by this method.

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for selected compounds.

A curve fit, based on the initial calibration, was established for quantitation for selected compounds. The coefficient of determination (r^2) was greater than or equal to 0.990 .

Retention time windows were evaluated and considered technically acceptable for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples on which a Stage 2B review was performed.

IV. Continuing Calibration

Continuing calibration was performed at required frequencies.

The percent differences (%D) of calibration factors in continuing standard mixtures were within the 20.0% QC limits with the following exceptions:

SDG	Date	Standard	Column	Compound	%D	Associated Samples	Flag	A or P
ITB2701	3/25/10 (04:18)	CCV	A	Heptachlor Endrin	23.48 21.82	EB-022510	NA NA	-

Although the above listed %Ds flagged "NA" demonstrated a high bias, the affected compounds in the associated samples were non-detected and did not warrant the qualification of the data.

The percent differences (%D) of the second source calibration standard were less than or equal to 20.0% for all compounds.

The individual 4,4'-DDT and Endrin breakdowns (%BD) were less than or equal to 15.0%.

Retention times (RT) of all compounds in the calibration standards were within QC limits for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples on which a Stage 2B review was performed.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks.

Samples EB-02 (SDG ISL1323), EB-03 (SDG ISL1574), and EB-022510 (SDG ITB2701) were identified as equipment blanks. No chlorinated pesticide contaminants were found in these blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

SDG	Sample	Column	Surrogate	%R (Limits)	Compound	Flag	A or P
ITB2701	SB-2-0.5	Not specified	Decachlorobiphenyl	168 (45-120)	All TCL compounds	J+ (all detects)	P

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
ISL1323	SB-16-0.5MS/MSD (SB-16-0.5)	2,4'-DDE Endosulfan sulfate	230 (65-115) 119 (45-115)	231 (65-115) 131 (45-115)	- -	NA	-
ISL1323	SB-16-0.5MS/MSD (SB-16-0.5)	4,4'-DDT	152 (45-120)	136 (45-120)	-	J+ (all detects)	A

Although the above listed %Rs flagged "NA" demonstrate a high bias, the affected compounds in the associated samples were non-detected and did not warrant the qualification of the data.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Pesticide Cleanup Checks

a. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in these SDGs.

b. GPC Calibration

GPC cleanup was not required and therefore not performed in these SDGs.

XI. Target Compound Identification

All target compound identifications were within validation criteria for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples on which a Stage 2B review was performed.

XII. Compound Quantitation and Reported CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a Stage 4 review was performed.

The sample results for detected compounds from the two columns were within 40.0% relative percent differences (RPD) with the following exceptions:

SDG	Sample	Compound	RPD	Flag	A or P
ISL1323	SB-3-0.5	2,4'-DDE	76	J (all detects)	A
ISL1323	SB-4-3	4,4'-DDE	59	J (all detects)	A

Raw data were not evaluated for the samples on which a Stage 2B review was performed.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

Samples SB-4-3 and FD-02 and samples SB-10-0.5 and FD-03 (both pairs from SDG ISL1323), and samples SB-1-3 and FD-022510 (from SDG ITB2701) were identified as field duplicates. No chlorinated pesticides were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (ug/Kg)		RPD (Limits)	Flags	A or P
		SB-4-3	FD-02			
ISL1323	4,4'-DDE	2.4	3.3	36 (≤100)	-	-
ISL1323	beta-BHC	2.4	2.9	23 (≤100)	-	-

SDG	Compound	Concentration (ug/Kg)		RPD (Limits)	Flags	A or P
		SB-10-0.5	FD-03			
ISL1323	2,4'-DDT	4.0	3.9	3 (≤100)	-	-
ISL1323	4,4'-DDT	70	90	25 (≤100)	-	-
ISL1323	2,4'-DDE	180	210	15 (≤100)	-	-
ISL1323	beta-BHC	92	130	34 (≤100)	-	-
ISL1323	4,4'-DDE	2000	2200	10 (≤100)	-	-

SDG	Compound	Concentration (ug/Kg)		RPD (Limits)	Flags	A or P
		SB-1-3	FD-022510			
ITB2701	4,4'-DDE	4.9	2.7	58 (≤100)	-	-
ITB2701	4,4'-DDT	3.9	2.6	40 (≤100)	-	-
ITB2701	Beta-BHC	8.9	5.5	47 (≤100)	-	-

Former Montrose Dichlorobenzil Warehouse Area
Chlorinated Pesticides - Data Qualification Summary - SDGs ISL1323, ISL1574, and ITB2701

SDG	Sample	Compound	Flag	A or P	Reason (Code)
ISL1323	SB-16-0.5	4,4'-DDT	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R)(8)
ITB2701	SB-2-0.5	All TCL compounds	J+ (all detects)	P	Surrogate spikes (%R) (13)
ISL1323	SB-3-0.5	2,4'-DDE	J (all detects)	A	Compound quantitation and CRQLs (RPD) (12)
ISL1323	SB-4-3	4,4'-DDE	J (all detects)	A	Compound quantitation and CRQLs (RPD) (12)

Former Montrose Dichlorobenzil Warehouse Area
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDGs ISL1323, ISL1574, and ITB2701

No Sample Data Qualified in these SDGs

Former Montrose Dichlorobenzil Warehouse Area
Chlorinated Pesticides - Field Blank Data Qualification Summary - SDGs ISL1323, ISL1574, and ITB2701

No Sample Data Qualified in these SDGs

ATTACHMENT C

Metals DVR

Metals by EPA SW 846 Methods 6010B, 6020, 7470A and 7471A

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Calibration

An initial calibration was performed.

The frequency and analysis criteria of the initial calibration verification (ICV) and continuing calibration verification (CCV) were met.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No contaminant concentrations were found in the initial, continuing and preparation blanks with the following exceptions:

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
ISL1323/F9L120470/D9L150485	PB (prep blank)	Calcium Iron Magnesium Potassium Tin	13.1 mg/Kg 4.22 mg/Kg 3.05 mg/Kg 42.8 mg/Kg 1.44 mg/Kg	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
ISL1323/F9L120470/D9L150485	ICB/CCB	Potassium Sodium	325 ug/L 557 ug/L	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3
ISL1323/F9L120470/D9L150485	ICB/CCB	Magnesium	11.3 ug/L	SB-3-0.5 SB-3-3
ISL1323/F9L120470/D9L150485 ISL1574/D9L150500/F9L150501	ICB/CCB	Sulfur Antimony	428.0 ug/L 0.171 ug/L	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3 SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02 SB-9-0.5 SB-9-3 SB-7-0.5 SB-7-3 SB-8-0.5 SB-8-3 SB-6-0.5 SB-6-3 EB-03
ISL1323/F9L120470/D9L150485	PB (prep blank)	Calcium Iron Magnesium	10.4 mg/Kg 3.93 mg/Kg 4.46 mg/Kg	SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02
ISL1323/F9L120470/D9L150485 ISL1574/D9L150500/F9L150501	PB (prep blank)	Antimony Nickel	0.02 mg/Kg 0.033 mg/Kg	SB-15-0.5 SB-15-3 EB-02 SB-9-0.5 SB-9-3 SB-7-0.5 SB-7-3 SB-8-0.5 SB-8-3 SB-6-0.5 SB-6-3 EB-03

SDG	Method Blank ID	Analyte	Maximum Concentration	Associated Samples
ISL1323/F9L120470/D9L150485	ICB/CCB	Iron	18.6 ug/L	SB-16-0.5
ISL1323/F9L120470/D9L150485	ICB/CCB	Potassium Sodium	160 ug/L 402 ug/L	SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02
ISL1323/F9L120470/D9L150485	ICB/CCB	Magnesium	8.32 ug/L	SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5
ISL1574/D9L150500/F9L150501	PB (prep blank)	Calcium Iron Magnesium	10.7 mg/Kg 8.49 mg/Kg 3.17 mg/Kg	SB-9-0.5 SB-9-3 SB-7-3 SB-8-0.5 SB-8-3 SB-6-3 EB-03
ISL1574/D9L150500/F9L150501	PB (prep blank)	Calcium Iron Magnesium	11.1 mg/Kg 4.67 mg/Kg 2.86 mg/Kg	SB-7-0.5 SB-6-0.5
ITB2701/280-968-1/F0C020457	PB (prep blank)	Calcium Magnesium	0.0506 mg/L 0.0164 mg/L	EB-022510
ITB2701/280-968-1/F0C020457	PB (prep blank)	Antimony Calcium Iron Magnesium Phosphorus	0.0192 mg/Kg 14.3 mg/Kg 14.8 mg/Kg 2.94 mg/Kg 5.02 mg/Kg	SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3
ITB2701/280-968-1/F0C020457	ICB/CCB	Antimony Cobalt Silver Thallium	0.258 ug/L 0.0106 ug/L 0.0235 ug/L 0.0225 ug/L	SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3

Data qualification by the initial, continuing and preparation blanks (ICB/CCB/PBs) was based on the maximum contaminant concentration in the ICB/CCB/PBs in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater than the concentrations found in the associated method blanks with the following exceptions:

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
ISL1323/F9L120470/D9L150485	SB-3-0.5	Antimony Tin Sulfur	0.029 mg/Kg 3.0 mg/Kg 130 mg/Kg	0.029U mg/Kg 3.0U mg/Kg 130U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
ISL1323/F9L120470/D9L150485	SB-3-3	Antimony Tin Sulfur	0.021 mg/Kg 3.7 mg/Kg 99 mg/Kg	0.021U mg/Kg 3.7U mg/Kg 99U mg/Kg
ISL1323/F9L120470/D9L150485	SB-12-0.5	Antimony Tin Sulfur	0.017 mg/Kg 3.3 mg/Kg 190 mg/Kg	0.017U mg/Kg 3.3U mg/Kg 190U mg/Kg
ISL1323/F9L120470/D9L150485	SB-12-3	Tin Sulfur	3.0 mg/Kg 300 mg/Kg	3.0U mg/Kg 300U mg/Kg
ISL1323/F9L120470/D9L150485	SB-13-0.5	Antimony Tin Sulfur	0.026 mg/Kg 2.9 mg/Kg 190 mg/Kg	0.026U mg/Kg 2.9U mg/Kg 190U mg/Kg
ISL1323/F9L120470/D9L150485	SB-13-3	Antimony Tin Sulfur	0.030 mg/Kg 3.3 mg/Kg 150 mg/Kg	0.030U mg/Kg 3.3U mg/Kg 150U mg/Kg
ISL1323/F9L120470/D9L150485	SB-4-0.5	Antimony Tin Sulfur	0.022 mg/Kg 3.5 mg/Kg 300 mg/Kg	0.022U mg/Kg 3.5U mg/Kg 300U mg/Kg
ISL1323/F9L120470/D9L150485	SB-4-3	Antimony Tin Sulfur	0.017 mg/Kg 3.2 mg/Kg 150 mg/Kg	0.017U mg/Kg 3.2U mg/Kg 150U mg/Kg
ISL1323/F9L120470/D9L150485	FD-02	Tin Sulfur	3.6 mg/Kg 140 mg/Kg	3.6U mg/Kg 140U mg/Kg
ISL1323/F9L120470/D9L150485	SB-11-0.5	Antimony Tin Sulfur	0.020 mg/Kg 3.8 mg/Kg 110 mg/Kg	0.020U mg/Kg 3.8U mg/Kg 110U mg/Kg
ISL1323/F9L120470/D9L150485	SB-11-3	Antimony Tin Sulfur	0.015 mg/Kg 3.8 mg/Kg 110 mg/Kg	0.015U mg/Kg 3.8U mg/Kg 110U mg/Kg
ISL1323/F9L120470/D9L150485	SB-14-0.5	Antimony Tin Sulfur	0.017 mg/Kg 3.4 mg/Kg 110 mg/Kg	0.017U mg/Kg 3.4U mg/Kg 110U mg/Kg
ISL1323/F9L120470/D9L150485	SB-14-3	Antimony Tin Sulfur	0.026 mg/Kg 3.3 mg/Kg 170 mg/Kg	0.026U mg/Kg 3.3U mg/Kg 170U mg/Kg
ISL1323/F9L120470/D9L150485	SB-5-0.5	Antimony Tin Sulfur	0.128 mg/Kg 4.1 mg/Kg 490 mg/Kg	0.128U mg/Kg 4.1U mg/Kg 490U mg/Kg
ISL1323/F9L120470/D9L150485	SB-5-3	Antimony Tin Sulfur	0.026 mg/Kg 3.7 mg/Kg 210 mg/Kg	0.026U mg/Kg 3.7U mg/Kg 210U mg/Kg
ISL1323/F9L120470/D9L150485	SB-10-0.5	Antimony Tin Sulfur	0.023 mg/Kg 3.8 mg/Kg 160 mg/Kg	0.023U mg/Kg 3.8U mg/Kg 160U mg/Kg
ISL1323/F9L120470/D9L150485	FD-03	Antimony Tin Sulfur	0.022 mg/Kg 3.8 mg/Kg 170 mg/Kg	0.022U mg/Kg 3.8U mg/Kg 170U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
ISL1323/F9L120470/D9L150485	SB-10-3	Antimony Tin Sulfur	0.018 mg/Kg 3.0 mg/Kg 130 mg/Kg	0.018U mg/Kg 3.0U mg/Kg 130U mg/Kg
ISL1323/F9L120470/D9L150485	SB-16-0.5	Antimony	0.036 mg/Kg	0.036U mg/Kg
ISL1323/F9L120470/D9L150485	SB-16-3	Antimony	0.019 mg/Kg	0.019U mg/Kg
ISL1323/F9L120470/D9L150485	SB-15-0.5	Antimony Sulfur	0.034 mg/Kg 150 mg/Kg	0.034U mg/Kg 150U mg/Kg
ISL1323/F9L120470/D9L150485	SB-15-3	Antimony Sulfur	0.028 mg/Kg 110 mg/Kg	0.028U mg/Kg 110U mg/Kg
ISL1323/F9L120470/D9L150485	EB-02	Sulfur	340 mg/Kg	340U mg/Kg
ISL1574/D9L150500/F9L150501	SB-9-0.5	Antimony Sulfur	0.021 mg/Kg 110 mg/Kg	0.021U mg/Kg 110U mg/Kg
ISL1574/D9L150500/F9L150501	SB-9-3	Antimony Sulfur	0.019 mg/Kg 190 mg/Kg	0.019U mg/Kg 190U mg/Kg
ISL1574/D9L150500/F9L150501	SB-7-0.5	Antimony Sulfur	0.023 mg/Kg 170 mg/Kg	0.023U mg/Kg 170U mg/Kg
ISL1574/D9L150500/F9L150501	SB-7-3	Antimony Sulfur	0.022 mg/Kg 340 mg/Kg	0.022U mg/Kg 340U mg/Kg
ISL1574/D9L150500/F9L150501	SB-8-0.5	Antimony Sulfur	0.018 mg/Kg 130 mg/Kg	0.018U mg/Kg 130U mg/Kg
ISL1574/D9L150500/F9L150501	SB-8-3	Antimony Sulfur	0.015 mg/Kg 160 mg/Kg	0.015U mg/Kg 160U mg/Kg
ISL1574/D9L150500/F9L150501	SB-6-0.5	Antimony Sulfur	0.023 mg/Kg 240 mg/Kg	0.023U mg/Kg 240U mg/Kg
ISL1574/D9L150500/F9L150501	SB-6-3	Antimony Sulfur	0.015 mg/Kg 260 mg/Kg	0.015U mg/Kg 260U mg/Kg
ISL1574/D9L150500/F9L150501	EB-03	Sulfur	210 mg/Kg	210U mg/Kg
ITB2701/280-968-1/F0C020457	EB-022510	Calcium	0.071 mg/Kg	0.071U mg/Kg
ITB2701/280-968-1/F0C020457	SB-1-0.5	Antimony Silver	0.021 mg/Kg 0.058 mg/Kg	0.021U mg/Kg 0.058U mg/Kg
ITB2701/280-968-1/F0C020457	SB-1-3	Antimony Silver	0.048 mg/Kg 0.065 mg/Kg	0.048U mg/Kg 0.065U mg/Kg
ITB2701/280-968-1/F0C020457	FD-022510	Antimony Silver	0.033 mg/Kg 0.062 mg/Kg	0.033U mg/Kg 0.062U mg/Kg
ITB2701/280-968-1/F0C020457	SB-2-0.5	Antimony Silver Thallium	0.022 mg/Kg 0.053 mg/Kg 0.094 mg/Kg	0.022U mg/Kg 0.053U mg/Kg 0.094U mg/Kg

SDG	Sample	Analyte	Reported Concentration	Modified Final Concentration
ITB2701/280-968-1/F0C020457	SB-2-3	Antimony Silver	0.0148 mg/Kg 0.061 mg/Kg	0.0148U mg/Kg 0.061U mg/Kg
ITB2701/280-968-1/F0C020457	SB-17-0.5	Antimony Silver	0.016 mg/Kg 0.054 mg/Kg	0.016U mg/Kg 0.054U mg/Kg
ITB2701/280-968-1/F0C020457	SB-17-3	Antimony Silver	0.018 mg/Kg 0.057 mg/Kg	0.018U mg/Kg 0.057U mg/Kg

Samples EB-02 (SDG ISL1323/F9L120470/D9L150485), EB-03 (SDG ISL1574/D9L150500/F9L150501), and EB-022510 (ITB2701/280-968-1/F0C020457) were identified as equipment blanks. No metal contaminants were found in these blanks with the following exceptions:

SDG	Equipment Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
ISL1323/F9L120470/D9L150485	EB-02	12/9/09	Aluminum Calcium Iron Magnesium Phosphorus Potassium Sodium Sulfur Beryllium Arsenic Cadmium Barium Chromium Cobalt Manganese Copper Molybdenum Lead Nickel Uranium Vanadium Thallium Zinc	1300 mg/Kg 1300 mg/Kg 1400 mg/Kg 220 mg/Kg 20 mg/Kg 220 mg/Kg 33 mg/Kg 324 mg/Kg 0.03 mg/Kg 0.077 mg/Kg 0.016 mg/Kg 2.3 mg/Kg 0.39 mg/Kg 0.24 mg/Kg 18 mg/Kg 0.42 mg/Kg 0.03 mg/Kg 0.57 mg/Kg 0.21 mg/Kg 0.32 mg/Kg 1.2 mg/Kg 0.017 mg/Kg 2.8 mg/Kg	No associated samples
ISL1574/D9L150500/F9L150501	EB-03	12/10/09	Aluminum Calcium Iron Magnesium Phosphorus Potassium Sodium Sulfur Beryllium Cadmium Chromium Manganese Molybdenum Nickel Uranium Vanadium Zinc Arsenic Barium Cobalt Copper Lead Thallium	600 mg/Kg 1300 mg/Kg 820 mg/Kg 160 mg/Kg 22 mg/Kg 150 mg/Kg 40 mg/Kg 194 mg/Kg 0.063 mg/Kg 0.026 mg/Kg 0.34 mg/Kg 20 mg/Kg 0.023 mg/Kg 0.19 mg/Kg 0.27 mg/Kg 1.2 mg/Kg 2.8 mg/Kg 0.068 mg/Kg 2.3 mg/Kg 0.2 mg/Kg 0.26 mg/Kg 0.44 mg/Kg 0.014 mg/Kg	No associated samples

SDG	Equipment Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
ITB2701/280-968-1/F0C020457	EB-022510	2/25/10	Calcium	0.067 mg/L	SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3

No data warranted qualification due to concentrations detected in samples EB-02 and EB-03 since these equipment blanks were silica sand.

Sample concentrations were compared to concentrations detected in sample EB-022510. The sample concentrations were not detected or were significantly greater than the concentrations found in this equipment blank.

V. ICP Interference Check Sample (ICS) Analysis

The frequency of analysis was met.

The criteria for analysis were met.

VI. Matrix Spike Analysis

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
ISL1323/F9L120470/D9L150485	SB-3-3MS/MSD (SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3)	Sodium	134 (75-125)	137 (75-125)	-	J+ (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
ISL1323/F9L120470/D9L150485	SB-3-3MS/MSD (SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3)	Calcium	-	-	43 (≤20)	J (all detects)	A
ISL1323/F9L120470/D9L150485	SB-3-3MS/MSD (SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3 SB-16-0.5 SB-16-3)	Antimony	18 (75-125)	21 (75-125)	23 (≤20)	J (all detects) UJ (all non-detects)	A
ISL1323/F9L120470/D9L150485	SB-3-3MS/MSD (SB-3-3)	Manganese	-	-	22 (≤20)	J (all detects)	A
ISL1323/F9L120470/D9L150485	SB-16-0.5MS/MSD (SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02)	Sodium	160 (75-125)	154 (75-125)	-	J+ (all detects)	A
ISL1323/F9L120470/D9L150485	SB-16-0.5MS/MSD (SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02)	Magnesium	-	-	26 (≤20)	J (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
ISL1323/F9L120470/D9L150485	SB-16-0.5MS/MSD (SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3 SB-16-0.5 SB-16-3)	Antimony	14 (75-125)	14 (75-125)	-	J- (all detects) UJ (all non-detects)	A
ISL1323/F9L120470/D9L150485	SB-16-0.5MS/MSD (SB-16-0.5)	Silver Copper Zinc	72 (75-125) - -	71 (75-125) 66 (75-125) 73 (75-125)	- - -	J- (all detects) J- (all detects) J- (all detects)	A
ISL1574/D9L150500/F9L150501	SB-7-0.5MS/MSD (SB-7-0.5)	Potassium	164 (75-125)	209 (75-125)	-	J+ (all detects)	A
ISL1574/D9L150500/F9L150501	SB-7-0.5MS/MSD (SB-7-0.5)	Calcium	-	-	21 (≤20)	J (all detects)	A
ISL1574/D9L150500/F9L150501	SB-7-0.5MS/MSD (SB-7-0.5)	Cobalt Copper	60 (75-125) 67 (75-125)	63 (75-125) -	- -	J- (all detects) J- (all detects)	A
ISL1574/D9L150500/F9L150501	SB-7-0.5MS/MSD (SB-9-0.5 SB-9-3 SB-7-0.5 SB-7-3 SB-8-0.5 SB-8-3 SB-6-0.5 SB-6-3 EB-03)	Antimony	11 (75-125)	11 (75-125)	-	J- (all detects) R (all non-detects)	A
ISL1574/D9L150500/F9L150501	SB-6-0.5MS/MSD (SB-9-0.5 SB-9-3 SB-7-0.5 SB-7-3 SB-8-0.5 SB-8-3 SB-6-0.5 SB-6-3 EB-03)	Antimony	13 (75-125)	13 (75-125)	-	J- (all detects) R (all non-detects)	A
ITB2701/280-968-1/ F0C020457	FD-022510MS/MSD (SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3)	Sodium	37 (75-125)	42 (75-125)	-	J- (all detects)	A

SDG	Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
ITB2701/280-968-1/ F0C020457	FD-022510MS/MSD (SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3)	Calcium	-	-	27 (≤20)	J (all detects)	A
ITB2701/280-968-1/ F0C020457	SB-1-0.5MS/MSD (SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3)	Antimony	13 (75-125)	11 (75-125)	-	J- (all detects)	A
ITB2701/280-968-1/ F0C020457	SB-1-0.5MS/MSD (SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3)	Copper	138 (75-125)	-	27 (≤20)	J (all detects)	A

For SB-3-3MS/MSD and SB-16-0.5MS/MSD, although the Antimony %Rs were severely low (<30%), the associated results were qualified as estimated since the post spike %R was within the QC Limits (98.6%).

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

IX. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples reviewed by Stage 2B criteria.

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in these SDGs.

XI. ICP Serial Dilution

ICP serial dilution analysis was performed by the laboratory. The analysis criteria were met.

XII. Sample Result Verification

All sample result verifications were acceptable for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples reviewed by Stage 2B criteria.

XIII. Overall Assessment of Data

The laboratory indicated that sample EB-022510 (SDGITB2701/280-968-1/F0C020457) was analyzed for aluminum, calcium, iron, magnesium, mercury, potassium, sodium and sulfur only due to insufficient sample.

Data flags have been summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

Samples SB-4-3 and FD-02, samples SB-10-0.5 and FD-03 (both pairs for SDG ISL1323/F9L120470/D9L150485), and samples SB-1-3 and FD-022510 (SDG ITB2701/280-968-1/F0C020457) were identified as field duplicates. No metals were detected in any of the samples with the following exceptions:

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		SB-4-3	FD-02			
ISL1323/F9L120470/D9L150485	Aluminum	9800	10000	2 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Antimony	0.017	0.2U	169 (≤100)	J (all detects) UJ (all non-detects)	A
ISL1323/F9L120470/D9L150485	Arsenic	3.9	3.4	14 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Barium	160	160	0 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Beryllium	0.62	0.49	23 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Cadmium	0.61	0.50	10 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Calcium	33000	30000	10 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Chromium	11	8.8	22 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Cobalt	7.2	6.0	18 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Copper	14	10	33 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Iron	20000	24000	18 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Lead	8.1	7.3	10 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Magnesium	8800	10000	13 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Manganese	340	320	6 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		SB-4-3	FD-02			
ISL1323/F9L120470/D9L150485	Mercury	0.018	0.019	5 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Molybdenum	0.19	0.17	11 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Nickel	14	12	15 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Phosphorus	850	1000	16 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Potassium	2800	3100	10 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Selenium	0.39	0.85	74 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Silver	0.069	0.060	14 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Sodium	440	520	17 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Sulfur	150	140	7 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Thallium	0.12	0.11	9 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Tin	3.2	3.6	12 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Uranium	1.0	0.82	20 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Vanadium	30	23	26 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Zinc	31	26	18 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		SB-10-0.5	FD-03			
ISL1323/F9L120470/D9L150485	Aluminum	11000	11000	0 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Antimony	0.023	0.022	4 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Arsenic	2.7	2.9	7 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Barium	200	210	5 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Beryllium	0.64	0.64	0 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Cadmium	0.63	0.72	13 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Calcium	30000	28000	7 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Chromium	10	12	18 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Cobalt	7.2	7.5	4 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		SB-10-0.5	FD-03			
ISL1323/F9L120470/D9L150485	Copper	16	21	27 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Iron	23000	22000	4 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Lead	9.8	13	28 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Magnesium	12000	10000	18 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Manganese	410	380	8 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Mercury	0.020	0.019	5 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Molybdenum	0.40	0.48	18 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Nickel	15	17	13 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Phosphorus	1300	1200	8 (≤50)	-	-
ISL1323/F9L120470/D9L150485	Potassium	3100	3000	3 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Selenium	0.74	0.75	1 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Silver	0.070	0.083	17 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Sodium	580	500	15 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Sulfur	160	170	6 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Thallium	0.13	0.15	14 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Tin	3.8	3.8	0 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Uranium	0.77	0.82	6 (≤100)	-	-
ISL1323/F9L120470/D9L150485	Vanadium	24	27	12 (≤30)	-	-
ISL1323/F9L120470/D9L150485	Zinc	36	43	18 (≤30)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		SB-1-3	FD-022510			
ITB2701/280-968-1/F0C020457	Aluminum	8800	11700	28 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Antimony	0.048	0.033	37 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Arsenic	3.5	3.4	3 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Barium	170	190	11 (≤50)	-	-

SDG	Analyte	Concentration (mg/Kg)		RPD (Limits)	Flag	A or P
		SB-1-3	FD-022510			
ITB2701/280-968-1/F0C020457	Beryllium	0.59	0.50	17 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Cadmium	0.55	0.56	2 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Calcium	20000	20000	0 (≤50)	-	-
ITB2701/280-968-1/F0C020457	Chromium	8.7	9.6	10 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Cobalt	6.5	6.2	5 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Copper	14	13	7 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Iron	18000	20000	11 (≤50)	-	-
ITB2701/280-968-1/F0C020457	Lead	8.5	8.6	1 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Magnesium	8200	9400	14 (≤50)	-	-
ITB2701/280-968-1/F0C020457	Manganese	360	361	0 (≤50)	-	-
ITB2701/280-968-1/F0C020457	Molybdenum	0.42	0.49	15 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Nickel	14	15	7 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Phosphorus	1000	1100	10 (≤50)	-	-
ITB2701/280-968-1/F0C020457	Potassium	4300	4900	13 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Selenium	1.5	1.4	7 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Silver	0.065	0.062	5 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Sodium	1700	2000	16 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Sulfur	1500	2100	33 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Thallium	0.13	0.12	8 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Tin	4.8	5.2	8 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Uranium	0.86	0.84	2 (≤100)	-	-
ITB2701/280-968-1/F0C020457	Vanadium	22	24	9 (≤30)	-	-
ITB2701/280-968-1/F0C020457	Zinc	33	32	3 (≤30)	-	-

Former Montrose Dichlorobenzil Warehouse Area
Metals - Data Qualification Summary - SDGs ISL1323/F9L120470/D9L150485, ISL1574/D9L150500/F9L150501, and ITB2701/280-968-1/F0C020457

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
ISL1323/F9L120470/D9L150485	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3	Sodium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ISL1323/F9L120470/D9L150485 ISL1574/D9L150500/F9L150501 ITB2701/280-968-1/F0C020457	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3 SB-7-0.5 SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3	Calcium	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD) (9)
ISL1323/F9L120470/D9L150485	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3 SB-16-0.5 SB-16-3	Antimony	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD) (8,9)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
ISL1323/F9L120470/D9L150485	SB-3-3	Manganese	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD) (9)
ISL1323/F9L120470/D9L150485	SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02	Sodium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ISL1323/F9L120470/D9L150485	SB-16-0.5 SB-16-3 SB-15-0.5 SB-15-3 EB-02	Magnesium	J (all detects)	A	Matrix spike/Matrix spike duplicates (RPD) (9)
ISL1323/F9L120470/D9L150485	SB-3-0.5 SB-3-3 SB-12-0.5 SB-12-3 SB-13-0.5 SB-13-3 SB-4-0.5 SB-4-3 FD-02 SB-11-0.5 SB-11-3 SB-14-0.5 SB-14-3 SB-5-0.5 SB-5-3 SB-10-0.5 FD-03 SB-10-3 SB-16-0.5 SB-16-3	Antimony	J- (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ISL1323/F9L120470/D9L150485	SB-16-0.5	Silver Copper Zinc	J- (all detects) J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ISL1574/D9L150500/F9L150501	SB-7-0.5	Potassium	J+ (all detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ISL1574/D9L150500/F9L150501	SB-7-0.5	Cobalt Copper	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ISL1574/D9L150500/F9L150501	SB-9-0.5 SB-9-3 SB-7-0.5 SB-7-3 SB-8-0.5 SB-8-3 SB-6-0.5 SB-6-3 EB-03	Antimony	J- (all detects) R (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)
ITB2701/280-968-1/F0C020457	SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3	Sodium Antimony	J- (all detects) J- (all detects)	A	Matrix spike/Matrix spike duplicates (%R) (8)

SDG	Sample	Analyte	Flag	A or P	Reason (Code)
ITB2701/280-968-1/F0C020457	SB-1-0.5 SB-1-3 FD-022510 SB-2-0.5 SB-2-3 SB-17-0.5 SB-17-3	Copper	J (all detects)	A	Matrix spike/Matrix spike duplicates (%R)(RPD) (8)(9)
ISL1323/F9L120470/D9L150485	SB-4-3 FD-02	Antimony	J (all detects) UJ (all non-detects)	A	Field duplicates (RPD) (14)

Former Montrose Dichlorobenzil Warehouse Area
Metals - Laboratory Blank Data Qualification Summary - SDGs ISL1323/F9L120470/D9L150485, ISL1574/D9L150500/F9L150501, and ITB2701/280-968-1/F0C020457

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
ISL1323/F9L120470/D9L150485	SB-3-0.5	Antimony Tin Sulfur	0.029U mg/Kg 3.0U mg/Kg 130U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-3-3	Antimony Tin Sulfur	0.021U mg/Kg 3.7U mg/Kg 99U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-12-0.5	Antimony Tin Sulfur	0.017U mg/Kg 3.3U mg/Kg 190U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-12-3	Tin Sulfur	3.0U mg/Kg 300U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-13-0.5	Antimony Tin Sulfur	0.026U mg/Kg 2.9U mg/Kg 190U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-13-3	Antimony Tin Sulfur	0.030U mg/Kg 3.3U mg/Kg 150U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-4-0.5	Antimony Tin Sulfur	0.022U mg/Kg 3.5U mg/Kg 300U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-4-3	Antimony Tin Sulfur	0.017U mg/Kg 3.2U mg/Kg 150U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	FD-02	Tin Sulfur	3.6U mg/Kg 140U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-11-0.5	Antimony Tin Sulfur	0.020U mg/Kg 3.8U mg/Kg 110U mg/Kg	A	7

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
ISL1323/F9L120470/D9L150485	SB-11-3	Antimony Tin Sulfur	0.015U mg/Kg 3.8U mg/Kg 110U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-14-0.5	Antimony Tin Sulfur	0.017U mg/Kg 3.4U mg/Kg 110U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-14-3	Antimony Tin Sulfur	0.026U mg/Kg 3.3U mg/Kg 170U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-5-0.5	Antimony Tin Sulfur	0.128U mg/Kg 4.1U mg/Kg 490U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-5-3	Antimony Tin Sulfur	0.026U mg/Kg 3.7U mg/Kg 210U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-10-0.5	Antimony Tin Sulfur	0.023U mg/Kg 3.8U mg/Kg 160U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	FD-03	Antimony Tin Sulfur	0.022U mg/Kg 3.8U mg/Kg 170U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-10-3	Antimony Tin Sulfur	0.018U mg/Kg 3.0U mg/Kg 130U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-16-0.5	Antimony	0.036U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-16-3	Antimony	0.019U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-15-0.5	Antimony Sulfur	0.034U mg/Kg 150U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	SB-15-3	Antimony Sulfur	0.028U mg/Kg 110U mg/Kg	A	7
ISL1323/F9L120470/D9L150485	EB-02	Sulfur	340U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-9-0.5	Antimony Sulfur	0.021U mg/Kg 110U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-9-3	Antimony Sulfur	0.019U mg/Kg 190U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-7-0.5	Antimony Sulfur	0.023U mg/Kg 170U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-7-3	Antimony Sulfur	0.022U mg/Kg 340U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-8-0.5	Antimony Sulfur	0.018U mg/Kg 130U mg/Kg	A	7

SDG	Sample	Analyte	Modified Final Concentration	A or P	Code
ISL1574/D9L150500/F9L150501	SB-8-3	Antimony Sulfur	0.015U mg/Kg 160U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-6-0.5	Antimony Sulfur	0.023U mg/Kg 240U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	SB-6-3	Antimony Sulfur	0.015U mg/Kg 260U mg/Kg	A	7
ISL1574/D9L150500/F9L150501	EB-03	Sulfur	210U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	EB-022510	Calcium	0.071U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	SB-1-0.5	Antimony Silver	0.021U mg/Kg 0.058U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	SB-1-3	Antimony Silver	0.048U mg/Kg 0.065U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	FD-022510	Antimony Silver	0.033U mg/Kg 0.062U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	SB-2-0.5	Antimony Silver Thallium	0.022U mg/Kg 0.053U mg/Kg 0.094U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	SB-2-3	Antimony Silver	0.0148U mg/Kg 0.061U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	SB-17-0.5	Antimony Silver	0.016U mg/Kg 0.054U mg/Kg	A	7
ITB2701/280-968-1/F0C020457	SB-17-3	Antimony Silver	0.018U mg/Kg 0.057U mg/Kg	A	7

Former Montrose Dichlorobenzil Warehouse Area
Metals - Field Blank Data Qualification Summary - SDGs ISL1323/F9L120470/D9L150485, ISL1574/D9L150500/F9L150501, and ITB2701/280-968-1/F0C020457

No Sample Data Qualified in these SDGs

ATTACHMENT D

Wet Chemistry DVR

Hexavalent Chromium by EPA SW 846 Method 7199
pH by EPA SW 846 Method 9045C
Asbestos by EPA Method 540-R-97-028

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. Calibration

a. Initial Calibration

All criteria for the initial calibration were met.

b. Calibration Verification

Calibration verification frequency and analysis criteria were met for each method when applicable.

III. Blanks

Method blanks were reviewed for each matrix as applicable. No hexavalent chromium was found in the initial, continuing and preparation blanks.

Method blanks not required by the method for asbestos.

Samples EB-02 (SDG ISL1323), EB-03 (SDG ISL1574) and EB-022510 (SDG ITB2701) were identified as equipment blanks. No contaminant concentrations were found in this blank with the following exceptions:

SDG	Equipment Blank ID	Sampling Date	Analyte	Concentration	Associated Samples
EB-02	EB-02	12/9/09	pH	8.77 units	No associated samples
EB-03	EB-03	12/10/09	pH	8.45 units	No associated samples

No data warranted qualification for the pH results above. These equipment blanks are silica sand.

IV. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

A matrix spike (MS) analysis was not required by the method for asbestos.

V. Duplicates

Duplicate (DUP) sample analyses were reviewed for each matrix as applicable. Results were within QC limits.

VI. Laboratory Control Samples

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

VII. Sample Result Verification

All sample result verifications were acceptable for samples on which a Stage 4 review was performed. Raw data were not evaluated for the samples reviewed by Stage 2B criteria.

VIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

IX. Field Duplicates

Samples SB-4-3 and FD-02, samples SB-10-0.5 and FD-03 (SDG ISL1323), samples SB-11 and FD-01 (SDG ISL1431/090910016) and samples SB-1-3 and FD-022510 (SDG ITB2701/091001931) were identified as field duplicates. No contaminant concentrations were detected in any of the samples with the following exceptions:

SDG	Compound	Concentration (units)		RPD (Limits)	Flags	A or P
		SB-4-3	FD-02			
ISL1323	pH	8.70	8.60	1 (≤30)	-	-

SDG	Compound	Concentration (units)		RPD (Limits)	Flags	A or P
		SB-10-0.5	FD-03			
ISL1323	pH	9.19	9.10	1 (≤30)	-	-

SDG	Compound	Concentration (units)		RPD (Limits)	Flags	A or P
		SB-1-3	FD-022510			
ITB2701	pH	8.43	8.47	0 (≤30)	-	-

Former Montrose Dichlorobenzil Warehouse Area
Wet Chemistry - Data Qualification Summary - SDGs ISL1323, ISL1431/090910016, ISL1574 and ITB2701/091001931

No Sample Data Qualified in these SDGs

Former Montrose Dichlorobenzil Warehouse Area
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDGs ISL1323, ISL1431/090910016, ISL1574 and ITB2701/091001931

No Sample Data Qualified in these SDGs

Former Montrose Dichlorobenzil Warehouse Area
Wet Chemistry - Field Blank Data Qualification Summary - SDGs ISL1323, ISL1431/090910016, ISL1574 and ITB2701/091001931

No Sample Data Qualified in these SDGs

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THE LEADER IN ENVIRONMENTAL TESTING

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LABORATORY REPORT

Prepared For: Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project: Dichlorobenzil Warehouse Area
Henderson NV

Sampled: 12/09/09
Received: 12/10/09
Issued: 02/12/10 10:00

NELAP #01108CA Nevada #CA-72

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
ISL1323-01	SB-3-0.5	Soil
ISL1323-02	SB-3-3	Soil
ISL1323-03	SB-12-0.5	Soil
ISL1323-04	SB-12-3	Soil
ISL1323-05	SB-13-0.5	Soil
ISL1323-06	SB-13-3	Soil
ISL1323-07	SB-4-0.5	Soil
ISL1323-08	SB-4-3	Soil
ISL1323-09	FD-02	Soil
ISL1323-10	SB-11-0.5	Soil
ISL1323-11	SB-11-3	Soil
ISL1323-12	SB-14-0.5	Soil
ISL1323-13	SB-14-3	Soil
ISL1323-14	SB-5-0.5	Soil
ISL1323-15	SB-5-3	Soil
ISL1323-16	SB-10-0.5	Soil
ISL1323-17	FD-03	Soil
ISL1323-18	SB-10-3	Soil
ISL1323-19	SB-16-0.5	Soil
ISL1323-20	SB-16-3	Soil
ISL1323-21	SB-15-0.5	Soil
ISL1323-22	SB-15-3	Soil

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson) 2100 Main Street, Suite 150 Huntington Beach, CA 92648 Attention: Andrew Barnes	Project ID: Dichlorobenzil Warehouse Area Henderson NV Report Number: ISL1323	Sampled: 12/09/09 Received: 12/10/09

LABORATORY ID	CLIENT ID	MATRIX
ISL1323-23	EB-01	Soil
ISL1323-24	EB-02	Soil

Reviewed By:

TestAmerica Irvine

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*66 %*				
Surrogate: 2-Fluorophenol (25-120%)					*67 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*64 %*				
Surrogate: Phenol-d6 (35-120%)					*69 %*				
Surrogate: Terphenyl-d14 (40-135%)					*77 %*				
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/18/09	R-2
Surrogate: 2,4,6-Tribromophenol (35-125%)					*61 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*62 %*				
Surrogate: 2-Fluorophenol (25-120%)					*55 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*59 %*				
Surrogate: Phenol-d6 (35-120%)					*60 %*				
Surrogate: Terphenyl-d14 (40-135%)					*67 %*				
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*65 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*60 %*				
Surrogate: 2-Fluorophenol (25-120%)					*60 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*58 %*				
Surrogate: Phenol-d6 (35-120%)					*58 %*				
Surrogate: Terphenyl-d14 (40-135%)					*70 %*				

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*69 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*63 %*				
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*59 %*				
Surrogate: Phenol-d6 (35-120%)					*63 %*				
Surrogate: Terphenyl-d14 (40-135%)					*70 %*				
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*58 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*53 %*				
Surrogate: 2-Fluorophenol (25-120%)					*52 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*51 %*				
Surrogate: Phenol-d6 (35-120%)					*52 %*				
Surrogate: Terphenyl-d14 (40-135%)					*59 %*				
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*63 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*61 %*				
Surrogate: 2-Fluorophenol (25-120%)					*57 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*58 %*				
Surrogate: Phenol-d6 (35-120%)					*60 %*				
Surrogate: Terphenyl-d14 (40-135%)					*67 %*				

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Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*51 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*65 %*				
Surrogate: 2-Fluorophenol (25-120%)					*58 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*62 %*				
Surrogate: Phenol-d6 (35-120%)					*62 %*				
Surrogate: Terphenyl-d14 (40-135%)					*71 %*				
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*59 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*60 %*				
Surrogate: 2-Fluorophenol (25-120%)					*58 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*59 %*				
Surrogate: Phenol-d6 (35-120%)					*60 %*				
Surrogate: Terphenyl-d14 (40-135%)					*75 %*				
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*62 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*59 %*				
Surrogate: 2-Fluorophenol (25-120%)					*58 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*58 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: Terphenyl-d14 (40-135%)					*71 %*				

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Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*73 %*				
Surrogate: 2-Fluorophenol (25-120%)					*64 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*65 %*				
Surrogate: Phenol-d6 (35-120%)					*66 %*				
Surrogate: Terphenyl-d14 (40-135%)					*87 %*				
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/18/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*77 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*73 %*				
Surrogate: 2-Fluorophenol (25-120%)					*67 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*67 %*				
Surrogate: Phenol-d6 (35-120%)					*70 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*58 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*56 %*				
Surrogate: 2-Fluorophenol (25-120%)					*55 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*54 %*				
Surrogate: Phenol-d6 (35-120%)					*55 %*				
Surrogate: Terphenyl-d14 (40-135%)					*66 %*				

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*66 %*				
Surrogate: 2-Fluorophenol (25-120%)					*65 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*61 %*				
Surrogate: Phenol-d6 (35-120%)					*65 %*				
Surrogate: Terphenyl-d14 (40-135%)					*75 %*				
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*84 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*73 %*				
Surrogate: 2-Fluorophenol (25-120%)					*74 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*72 %*				
Surrogate: Phenol-d6 (35-120%)					*73 %*				
Surrogate: Terphenyl-d14 (40-135%)					*89 %*				
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*71 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*67 %*				
Surrogate: 2-Fluorophenol (25-120%)					*65 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*65 %*				
Surrogate: Phenol-d6 (35-120%)					*64 %*				
Surrogate: Terphenyl-d14 (40-135%)					*80 %*				

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Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*70 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*67 %*				
Surrogate: 2-Fluorophenol (25-120%)					*63 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*65 %*				
Surrogate: Phenol-d6 (35-120%)					*66 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*67 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*59 %*				
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*58 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: Terphenyl-d14 (40-135%)					*76 %*				
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	0.999	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*64 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*58 %*				
Surrogate: 2-Fluorophenol (25-120%)					*58 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*55 %*				
Surrogate: Phenol-d6 (35-120%)					*57 %*				
Surrogate: Terphenyl-d14 (40-135%)					*78 %*				

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Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*64 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*63 %*				
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*61 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: Terphenyl-d14 (40-135%)					*78 %*				
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L16086	100	330	ND	1	12/16/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*67 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*61 %*				
Surrogate: 2-Fluorophenol (25-120%)					*59 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*58 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: Terphenyl-d14 (40-135%)					*75 %*				
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L17079	100	330	ND	1	12/17/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*52 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*50 %*				
Surrogate: 2-Fluorophenol (25-120%)					*48 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*46 %*				
Surrogate: Phenol-d6 (35-120%)					*49 %*				
Surrogate: Terphenyl-d14 (40-135%)					*57 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L17079	100	330	ND	1	12/17/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*67 %*				
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*63 %*				
Surrogate: Phenol-d6 (35-120%)					*66 %*				
Surrogate: Terphenyl-d14 (40-135%)					*80 %*				
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L17079	100	330	ND	1	12/17/09	12/19/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*85 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*75 %*				
Surrogate: 2-Fluorophenol (25-120%)					*70 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*70 %*				
Surrogate: Phenol-d6 (35-120%)					*71 %*				
Surrogate: Terphenyl-d14 (40-135%)					*97 %*				

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Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**13**	0.999	12/17/09	12/19/09	R-1
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**2.1**	0.999	12/17/09	12/19/09	J
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**16**	0.999	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**12**	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**1.9**	0.999	12/17/09	12/19/09	J
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*79 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*74 %*				
Sample ID: ISL1323-01RE1 (SB-3-0.5 - Soil)									
Reporting Units: ug/kg									
beta-BHC	EPA 3545/8081A	9L17015	4.5	15	**78**	3	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*82 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*76 %*				

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**12**	1	12/17/09	12/18/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*80 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*79 %*				

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Sampled: 12/09/09
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ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**11**	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*81 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*78 %*				

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Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*83 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*80 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**5.4**	0.999	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**2.8**	0.999	12/17/09	12/18/09	J
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	**1.6**	0.999	12/17/09	12/18/09	J
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**16**	0.999	12/17/09	12/18/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**26**	0.999	12/17/09	12/18/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**1.6**	0.999	12/17/09	12/18/09	J
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*81 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*77 %*				
Sample ID: ISL1323-05RE1 (SB-13-0.5 - Soil)									
Reporting Units: ug/kg									
beta-BHC	EPA 3545/8081A	9L17016	15	50	**160**	9.99	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*86 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*86 %*				

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Geosyntec Consultants (Henderson)
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Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	**3.0**	1	12/17/09	12/18/09	J
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**30**	1	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**52**	1	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	**6.6**	1	12/17/09	12/18/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**3.2**	1	12/17/09	12/18/09	J
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*82 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*76 %*				
Sample ID: ISL1323-06RE1 (SB-13-3 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	15	50	**240**	10	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	15	50	**420**	10	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	15	50	**200**	10	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*92 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*95 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	**2.5**	0.999	12/17/09	12/18/09	J
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**55**	0.999	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	**4.8**	0.999	12/17/09	12/18/09	J
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**1.6**	0.999	12/17/09	12/18/09	J
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*91 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*86 %*				
Sample ID: ISL1323-07RE1 (SB-4-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDE	EPA 3545/8081A	9L17016	3.0	10	**75**	2	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*99 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*91 %*				
Sample ID: ISL1323-07RE2 (SB-4-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	30	100	**480**	20	12/17/09	12/21/09	
4,4'-DDT	EPA 3545/8081A	9L17016	30	100	**410**	20	12/17/09	12/21/09	
beta-BHC	EPA 3545/8081A	9L17016	30	100	**220**	20	12/17/09	12/21/09	
Surrogate: Decachlorobiphenyl (45-120%)					*131 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-115%)					*116 %*				*Z3*

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**2.3**	1	12/17/09	12/18/09	J
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**2.3**	1	12/17/09	12/18/09	J
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*77 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*79 %*				

TestAmerica Irvine

Amy Harris
Project Manager

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**3.1**	0.999	12/17/09	12/18/09	J
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**2.7**	0.999	12/17/09	12/18/09	J
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*77 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*76 %*				

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**6.6**	0.999	12/17/09	12/18/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**1.7**	0.999	12/17/09	12/18/09	J
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**31**	0.999	12/17/09	12/18/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*83 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*58 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*54 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**4.4**	0.999	12/17/09	12/18/09	J
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**4.5**	0.999	12/17/09	12/18/09	J
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*86 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*83 %*				
Sample ID: ISL1323-12RE1 (SB-14-0.5 - Soil)									
Reporting Units: ug/kg									
beta-BHC	EPA 3545/8081A	9L17016	15	50	**250**	9.99	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*100 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*100 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**6.8**	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**4.8**	1	12/17/09	12/19/09	J
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*81 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*77 %*				
Sample ID: ISL1323-13RE1 (SB-14-3 - Soil)									
Reporting Units: ug/kg									
beta-BHC	EPA 3545/8081A	9L17016	7.5	25	**93**	5	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*87 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*83 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**14**	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**8.0**	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	**3.1**	0.999	12/17/09	12/19/09	J
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**61**	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*92 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*82 %*				
Sample ID: ISL1323-14RE1 (SB-5-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	15	50	**72**	9.99	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	15	50	**350**	9.99	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*101 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*94 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**2.0**	0.999	12/17/09	12/19/09	J
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*79 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*78 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**3.8**	1	12/17/09	12/19/09	J
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**66**	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*92 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*87 %*				
Sample ID: ISL1323-16RE1 (SB-10-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDE	EPA 3545/8081A	9L17016	15	50	**170**	10	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	15	50	**87**	10	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*104 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*102 %*				
Sample ID: ISL1323-16RE2 (SB-10-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	75	250	**1900**	50	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*64 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-115%)					*113 %*				*Z3*

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Geosyntec Consultants (Henderson)
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**3.7**	0.999	12/17/09	12/19/09	J
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*87 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*82 %*				
Sample ID: ISL1323-17RE1 (FD-03 - Soil)									
Reporting Units: ug/kg									
2,4'-DDE	EPA 3545/8081A	9L17016	15	50	**200**	9.99	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	15	50	**85**	9.99	12/17/09	12/21/09	
beta-BHC	EPA 3545/8081A	9L17016	15	50	**120**	9.99	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*100 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*97 %*				
Sample ID: ISL1323-17RE2 (FD-03 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	75	250	**2100**	50	12/17/09	12/20/09	
Surrogate: Decachlorobiphenyl (45-120%)					*75 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-115%)					*113 %*				*Z3*

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**1.7**	1	12/17/09	12/19/09	J
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	**14**	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*78 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*78 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	M1
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**4.1**	1	12/17/09	12/18/09	J
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**55**	1	12/17/09	12/18/09	M1
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/18/09	M1
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*88 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*80 %*				
Sample ID: ISL1323-19RE1 (SB-16-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	30	100	**220**	20	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	30	100	**760**	20	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*93 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-115%)					*99 %*				*Z3*

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Amy Harris
Project Manager

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	**5.7**	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*76 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*74 %*				

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	**13**	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*96 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*78 %*				
Sample ID: ISL1323-21RE1 (SB-15-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17016	7.5	25	**140**	5	12/17/09	12/21/09	
4,4'-DDT	EPA 3545/8081A	9L17016	7.5	25	**210**	5	12/17/09	12/21/09	
beta-BHC	EPA 3545/8081A	9L17016	7.5	25	**230**	5	12/17/09	12/21/09	
Surrogate: Decachlorobiphenyl (45-120%)					*100 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
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Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*78 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*76 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17016	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17016	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17016	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17016	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17016	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17016	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*88 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*87 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**7700**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16101	0.012	0.020	**0.012**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**32000**	0.995	12/15/09	12/18/09	B-1, MHA
Iron	EPA 6010B	9L15107	1.5	5.0	**13000**	0.995	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**6000**	0.995	12/15/09	12/18/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**710**	0.995	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2700**	0.995	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**530**	0.995	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**2.8**	0.995	12/15/09	12/18/09	B, J
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**9500**	101	12/15/09	12/18/09	M-3
Mercury	EPA 7471A	9L20029	0.012	0.020	ND	1	12/20/09	12/20/09	
Calcium	EPA 6010B	9L15107	6.3	15	**19000**	1.01	12/15/09	12/18/09	B-1, MHA
Iron	EPA 6010B	9L15107	1.5	5.0	**21000**	1.01	12/15/09	12/18/09	B-1, MHA
Magnesium	EPA 6010B	9L15107	1.0	10	**8200**	1.01	12/15/09	12/18/09	B-1, MHA
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**920**	1.01	12/15/09	12/18/09	MHA
Potassium	EPA 6010B	9L15107	19	50	**2500**	1.01	12/15/09	12/18/09	B-1, MHA
Sodium	EPA 6010B	9L15107	24	50	**500**	1.01	12/15/09	12/18/09	MHA
Tin	EPA 6010B	9L15107	1.3	10	**3.5**	1.01	12/15/09	12/18/09	B, J
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**10000**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	ND	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**24000**	1	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**16000**	1	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**6600**	1	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**640**	1	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3100**	1	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**1100**	1	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.1**	1	12/15/09	12/18/09	B, J

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Project Manager

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**8400**	101	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.019**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.3	15	**54000**	1.01	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**16000**	1.01	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**11000**	1.01	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**850**	1.01	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2300**	1.01	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**870**	1.01	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**2.8**	1.01	12/15/09	12/18/09	B, J
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**8300**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	ND	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**28000**	0.995	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**14000**	0.995	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**7200**	0.995	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**690**	0.995	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3000**	0.995	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**590**	0.995	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**2.7**	0.995	12/15/09	12/18/09	B, J
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**8400**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.020**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**33000**	1	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**19000**	1	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**7700**	1	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**740**	1	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2800**	1	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**490**	1	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.1**	1	12/15/09	12/18/09	B, J

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**11000**	99	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.022**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**27000**	0.99	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	3.0	9.9	**26000**	1.98	12/15/09	12/20/09	B-1
Magnesium	EPA 6010B	9L15107	2.0	20	**9800**	1.98	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**930**	0.99	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3400**	0.99	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**620**	0.99	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	9.9	**3.3**	0.99	12/15/09	12/18/09	B, J
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**9200**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.017**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**31000**	0.995	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**19000**	0.995	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**8300**	0.995	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**800**	0.995	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2600**	0.995	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**410**	0.995	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.0**	0.995	12/15/09	12/18/09	B, J
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**9700**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.018**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**28000**	1	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**22000**	1	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**9800**	1	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**940**	1	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2900**	1	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**490**	1	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.4**	1	12/15/09	12/18/09	B, J

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Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**10000**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.021**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**25000**	1	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**23000**	1	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**9400**	1	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**1200**	1	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3100**	1	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**580**	1	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.6**	1	12/15/09	12/18/09	B, J
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**11000**	99	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.018**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**31000**	0.99	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**23000**	0.99	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	0.99	9.9	**10000**	0.99	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**770**	0.99	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3000**	0.99	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**560**	0.99	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	9.9	**3.6**	0.99	12/15/09	12/18/09	B, J
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**11000**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.025**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**25000**	0.995	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**23000**	0.995	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**9500**	0.995	12/15/09	12/20/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**690**	0.995	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3200**	0.995	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**410**	0.995	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.2**	0.995	12/15/09	12/18/09	B, J

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Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**10000**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.022**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**36000**	1	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**21000**	1	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**12000**	1	12/15/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**700**	1	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2700**	1	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**530**	1	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.1**	1	12/15/09	12/18/09	B, J
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**10000**	99	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.018**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**30000**	0.99	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**23000**	0.99	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	0.99	9.9	**11000**	0.99	12/15/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**990**	0.99	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**3300**	0.99	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**590**	0.99	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	9.9	**3.9**	0.99	12/15/09	12/18/09	B, J
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	420	490	**9100**	98.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.023**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15107	6.2	15	**29000**	0.985	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	4.9	**21000**	0.985	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	0.99	9.9	**9300**	0.985	12/15/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	4.9	**840**	0.985	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	49	**3400**	0.985	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	49	**450**	0.985	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	9.9	**3.5**	0.985	12/15/09	12/18/09	B, J

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**10000**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.019**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**28000**	0.995	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**22000**	0.995	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**11000**	0.995	12/15/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**1200**	0.995	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2900**	0.995	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**550**	0.995	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.6**	0.995	12/15/09	12/18/09	B, J
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**10000**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16100	0.012	0.020	**0.018**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.2	15	**26000**	1	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**21000**	1	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**9400**	1	12/15/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**1100**	1	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2800**	1	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**470**	1	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**3.6**	1	12/15/09	12/18/09	B, J
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15110	430	500	**9600**	101	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16101	0.012	0.020	**0.015**	1	12/16/09	12/16/09	J
Calcium	EPA 6010B	9L15107	6.3	15	**48000**	1.01	12/15/09	12/18/09	B-1
Iron	EPA 6010B	9L15107	1.5	5.0	**23000**	1.01	12/15/09	12/18/09	B-1
Magnesium	EPA 6010B	9L15107	1.0	10	**12000**	1.01	12/15/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L15107	2.5	5.0	**810**	1.01	12/15/09	12/18/09	
Potassium	EPA 6010B	9L15107	19	50	**2400**	1.01	12/15/09	12/18/09	B-1
Sodium	EPA 6010B	9L15107	24	50	**460**	1.01	12/15/09	12/18/09	
Tin	EPA 6010B	9L15107	1.3	10	**2.8**	1.01	12/15/09	12/18/09	B, J

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15113	430	500	**10000**	99.5	12/15/09	12/18/09	M-3
Mercury	EPA 7471A	9L16101	0.012	0.020	**0.021**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15111	6.2	15	**37000**	0.995	12/15/09	12/15/09	MHA
Iron	EPA 6010B	9L15111	1.5	5.0	**20000**	0.995	12/15/09	12/15/09	B-1, MHA
Magnesium	EPA 6010B	9L15111	1.0	10	**19000**	0.995	12/15/09	12/15/09	B-1, MHA
Phosphorus	EPA 6010B	9L15111	2.5	5.0	**890**	0.995	12/15/09	12/15/09	MHA
Potassium	EPA 6010B	9L15111	19	50	**3100**	0.995	12/15/09	12/15/09	MHA
Sodium	EPA 6010B	9L15111	24	50	**1700**	0.995	12/15/09	12/15/09	M1
Tin	EPA 6010B	9L15111	1.3	10	**3.2**	0.995	12/15/09	12/15/09	J
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15113	430	500	**11000**	100	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16101	0.012	0.020	**0.024**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15111	6.2	15	**33000**	1	12/15/09	12/16/09	B-1
Iron	EPA 6010B	9L15111	1.5	5.0	**21000**	1	12/15/09	12/17/09	B-1
Magnesium	EPA 6010B	9L15111	1.0	10	**12000**	1	12/15/09	12/17/09	B-1
Phosphorus	EPA 6010B	9L15111	2.5	5.0	**770**	1	12/15/09	12/16/09	
Potassium	EPA 6010B	9L15111	19	50	**3000**	1	12/15/09	12/16/09	
Sodium	EPA 6010B	9L15111	24	50	**1200**	1	12/15/09	12/16/09	
Tin	EPA 6010B	9L15111	1.3	10	**1.3**	1	12/15/09	12/17/09	J
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15113	430	500	**11000**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16101	0.012	0.020	**0.027**	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15111	6.2	15	**31000**	0.995	12/15/09	12/16/09	B-1
Iron	EPA 6010B	9L15111	1.5	5.0	**21000**	0.995	12/15/09	12/17/09	B-1
Magnesium	EPA 6010B	9L15111	1.0	10	**12000**	0.995	12/15/09	12/17/09	B-1
Phosphorus	EPA 6010B	9L15111	2.5	5.0	**810**	0.995	12/15/09	12/16/09	
Potassium	EPA 6010B	9L15111	19	50	**3000**	0.995	12/15/09	12/16/09	
Sodium	EPA 6010B	9L15111	24	50	**680**	0.995	12/15/09	12/16/09	
Tin	EPA 6010B	9L15111	1.3	10	ND	0.995	12/15/09	12/17/09	

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15113	430	500	**9900**	101	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16101	0.012	0.020	ND	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15111	6.3	15	**20000**	1.01	12/15/09	12/16/09	B-1
Iron	EPA 6010B	9L15111	1.5	5.0	**22000**	1.01	12/15/09	12/17/09	B-1
Magnesium	EPA 6010B	9L15111	1.0	10	**9800**	1.01	12/15/09	12/17/09	B-1
Phosphorus	EPA 6010B	9L15111	2.5	5.0	**1300**	1.01	12/15/09	12/16/09	
Potassium	EPA 6010B	9L15111	19	50	**2100**	1.01	12/15/09	12/16/09	
Sodium	EPA 6010B	9L15111	24	50	**750**	1.01	12/15/09	12/16/09	
Tin	EPA 6010B	9L15111	1.3	10	ND	1.01	12/15/09	12/17/09	
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L15113	430	500	**1300**	99.5	12/15/09	12/18/09	
Mercury	EPA 7471A	9L16101	0.012	0.020	ND	1	12/16/09	12/16/09	
Calcium	EPA 6010B	9L15111	6.2	15	**1300**	0.995	12/15/09	12/16/09	B-1
Iron	EPA 6010B	9L15111	1.5	5.0	**1400**	0.995	12/15/09	12/17/09	B-1
Magnesium	EPA 6010B	9L15111	1.0	10	**220**	0.995	12/15/09	12/17/09	B-1
Phosphorus	EPA 6010B	9L15111	2.5	5.0	**20**	0.995	12/15/09	12/16/09	
Potassium	EPA 6010B	9L15111	19	50	**220**	0.995	12/15/09	12/16/09	
Sodium	EPA 6010B	9L15111	24	50	**33**	0.995	12/15/09	12/16/09	J
Tin	EPA 6010B	9L15111	1.3	10	ND	0.995	12/15/09	12/17/09	

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	0.992	12/16/09	12/17/09	
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	0.992	12/16/09	12/17/09	
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1.01	12/16/09	12/17/09	

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L16156	0.12	0.20	ND	1	12/16/09	12/17/09	
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	

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Project ID: Dichlorobenzil Warehouse Area
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Report Number: ISL1323

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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**270**	1	12/15/09	12/15/09	
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**280**	1	12/15/09	12/15/09	
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**280**	1	12/15/09	12/15/09	
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**280**	1	12/15/09	12/15/09	
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**320**	1	12/15/09	12/15/09	
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**310**	1	12/15/09	12/15/09	
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**400**	1	12/15/09	12/15/09	

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**370**	1	12/15/09	12/15/09	
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**370**	1	12/15/09	12/15/09	
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**330**	1	12/15/09	12/15/09	
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**330**	1	12/15/09	12/15/09	
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**320**	1	12/15/09	12/15/09	
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**330**	1	12/15/09	12/15/09	
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15101	0.10	0.10	**350**	1	12/15/09	12/15/09	
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**450**	1	12/16/09	12/16/09	
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**450**	1	12/16/09	12/16/09	
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**450**	1	12/16/09	12/16/09	

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**450**	1	12/16/09	12/16/09	
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**430**	1	12/16/09	12/16/09	
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**440**	1	12/16/09	12/16/09	
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**430**	1	12/16/09	12/16/09	
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**430**	1	12/16/09	12/16/09	
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**430**	1	12/16/09	12/16/09	
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**9.02**	1	12/15/09	12/15/09	
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.92**	1	12/15/09	12/15/09	
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**9.01**	1	12/15/09	12/15/09	
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**9.15**	1	12/15/09	12/15/09	

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.52**	1	12/15/09	12/15/09	
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.65**	1	12/15/09	12/15/09	
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**7.92**	1	12/15/09	12/15/09	
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.18**	1	12/15/09	12/15/09	
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.09**	1	12/15/09	12/15/09	
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.61**	1	12/15/09	12/15/09	
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.81**	1	12/15/09	12/15/09	
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.77**	1	12/15/09	12/15/09	
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**8.34**	1	12/15/09	12/15/09	
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15100	0.100	0.100	**7.75**	1	12/15/09	12/15/09	

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Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.27**	1	12/16/09	12/16/09	
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.65**	1	12/16/09	12/16/09	
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.56**	1	12/16/09	12/16/09	
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.63**	1	12/16/09	12/16/09	
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**9.07**	1	12/16/09	12/16/09	
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.24**	1	12/16/09	12/16/09	
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**9.00**	1	12/16/09	12/16/09	
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**9.02**	1	12/16/09	12/16/09	
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.77**	1	12/16/09	12/16/09	

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SW846 6010B

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**120**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**93.5**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**175**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**281**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**178**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**145**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**282**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**140**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**129**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**106**	1	12/15/09	12/18/09	B

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Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6010B

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**104**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**104**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**155**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**462**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**195**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**153**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**157**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348436	21.7	500	**126**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348437	21.7	500	**566**	1	12/15/09	12/18/09	
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348437	21.7	500	**503**	1	12/15/09	12/18/09	

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Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/09/09
Huntington Beach, CA 92648	Report Number:	ISL1323	Received: 12/10/09
Attention: Andrew Barnes			

SW846 6010B

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348437	21.7	500	**137**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348437	21.7	500	**106**	1	12/15/09	12/18/09	B
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9348437	21.7	500	**324**	1	12/15/09	12/18/09	B

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-01 (SB-3-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.027**	1	12/16/09	12/17/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.34**	1	12/16/09	12/17/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**4.3**	1	12/16/09	12/17/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.3**	1	12/16/09	12/17/09	
Barium	SW846 6020	9350053	0.07	0.2	**230**	1	12/16/09	12/17/09	
Chromium	SW846 6020	9350053	0.076	0.2	**5.2**	1	12/16/09	12/17/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**3.4**	1	12/16/09	12/17/09	
Manganese	SW846 6020	9350053	0.033	0.25	**310**	1	12/16/09	12/17/09	
Copper	SW846 6020	9350053	0.071	0.25	**7.3**	1	12/16/09	12/17/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.2**	1	12/16/09	12/17/09	
Lead	SW846 6020	9350053	0.018	0.15	**8.9**	1	12/16/09	12/17/09	
Nickel	SW846 6020	9350053	0.025	0.15	**7.9**	1	12/16/09	12/17/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.65**	1	12/16/09	12/17/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.68**	1	12/16/09	12/17/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.04**	1	12/16/09	12/17/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**16**	1	12/16/09	12/17/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.087**	1	12/16/09	12/17/09	Ba
Zinc	SW846 6020	9350053	0.32	1	**27**	1	12/16/09	12/17/09	
Sample ID: ISL1323-02 (SB-3-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.02**	1	12/16/09	12/17/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.49**	1	12/16/09	12/17/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**2.6**	1	12/16/09	12/17/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.64**	1	12/16/09	12/17/09	
Barium	SW846 6020	9350053	0.07	0.2	**170**	1	12/16/09	12/17/09	
Chromium	SW846 6020	9350053	0.076	0.2	**9.8**	1	12/16/09	12/17/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.7**	1	12/16/09	12/17/09	
Manganese	SW846 6020	9350053	0.033	0.25	**320**	1	12/16/09	12/17/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/17/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.22**	1	12/16/09	12/17/09	
Lead	SW846 6020	9350053	0.018	0.15	**8.1**	1	12/16/09	12/17/09	
Nickel	SW846 6020	9350053	0.025	0.15	**14**	1	12/16/09	12/17/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.79**	1	12/16/09	12/17/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.73**	1	12/16/09	12/17/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.11**	1	12/16/09	12/17/09	
Vanadium	SW846 6020	9350053	0.039	0.5	**26**	1	12/16/09	12/17/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.13**	1	12/16/09	12/17/09	
Zinc	SW846 6020	9350053	0.32	1	**29**	1	12/16/09	12/17/09	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-03 (SB-12-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.016**	1	12/16/09	12/17/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.44**	1	12/16/09	12/17/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**5.2**	1	12/16/09	12/17/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.34**	1	12/16/09	12/17/09	
Barium	SW846 6020	9350053	0.07	0.2	**440**	1	12/16/09	12/17/09	
Chromium	SW846 6020	9350053	0.076	0.2	**6.6**	1	12/16/09	12/17/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**3.6**	1	12/16/09	12/17/09	
Manganese	SW846 6020	9350053	0.033	0.25	**260**	1	12/16/09	12/17/09	
Copper	SW846 6020	9350053	0.071	0.25	**7.5**	1	12/16/09	12/17/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.2**	1	12/16/09	12/17/09	
Lead	SW846 6020	9350053	0.018	0.15	**9.6**	1	12/16/09	12/17/09	
Nickel	SW846 6020	9350053	0.025	0.15	**8.5**	1	12/16/09	12/17/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.37**	1	12/16/09	12/17/09	Ba
Uranium	SW846 6020	9350053	0.0016	0.1	**0.9**	1	12/16/09	12/17/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.038**	1	12/16/09	12/17/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**18**	1	12/16/09	12/17/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.1**	1	12/16/09	12/17/09	
Zinc	SW846 6020	9350053	0.32	1	**30**	1	12/16/09	12/17/09	
Sample ID: ISL1323-04 (SB-12-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	ND	1	12/16/09	12/18/09	
Beryllium	SW846 6020	9350053	0.022	0.1	**0.42**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.9**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.53**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**170**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**8.4**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**5.4**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**220**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**10**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.22**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**5.6**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.7**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**1.1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.063**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**24**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.1**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**22**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-05 (SB-13-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.024**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.33**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**5.1**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.34**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**340**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**6.9**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**3.7**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**250**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**8**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.26**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**9.2**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**9.7**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.4**	1	12/16/09	12/18/09	Ba
Uranium	SW846 6020	9350053	0.0016	0.1	**1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.052**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**19**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**29**	1	12/16/09	12/18/09	
Sample ID: ISL1323-06 (SB-13-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.028**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.43**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.9**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.63**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**210**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**8.5**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**5.9**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**320**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.32**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**11**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.88**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.89**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.065**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**25**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**30**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-07 (SB-4-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.021**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.47**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**2.4**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.63**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**190**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**9.5**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**350**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.27**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**9.4**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.54**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.67**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.07**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**25**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**31**	1	12/16/09	12/18/09	
Sample ID: ISL1323-08 (SB-4-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.016**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.58**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.7**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.57**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**150**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**10**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.8**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**320**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.18**	1	12/16/09	12/18/09	Ba
Lead	SW846 6020	9350053	0.018	0.15	**7.6**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.37**	1	12/16/09	12/18/09	Ba
Uranium	SW846 6020	9350053	0.0016	0.1	**0.94**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.065**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**28**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**29**	1	12/16/09	12/18/09	

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Amy Harris
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-09 (FD-02 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	ND	1	12/16/09	12/18/09	
Beryllium	SW846 6020	9350053	0.022	0.1	**0.46**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.2**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.47**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**150**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**8.3**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**5.6**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**300**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**9.8**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.16**	1	12/16/09	12/18/09	Ba
Lead	SW846 6020	9350053	0.018	0.15	**6.9**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**11**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.8**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.77**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.056**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**22**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.1**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**24**	1	12/16/09	12/18/09	
Sample ID: ISL1323-10 (SB-11-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.019**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.47**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**2.3**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.59**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**170**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**8.1**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.1**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**370**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.23**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**8.5**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**14**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.61**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.65**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.07**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**22**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.099**	1	12/16/09	12/18/09	Ba
Zinc	SW846 6020	9350053	0.32	1	**31**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-11 (SB-11-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.014**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.59**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.4**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.62**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**240**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**10**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.4**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**290**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.19**	1	12/16/09	12/18/09	Ba
Lead	SW846 6020	9350053	0.018	0.15	**7.5**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.79**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**1.1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.08**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**29**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**30**	1	12/16/09	12/18/09	
Sample ID: ISL1323-12 (SB-14-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.016**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.52**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**2.7**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.54**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**180**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**10**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.8**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**370**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**14**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.39**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**8.7**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.59**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.77**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.061**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**24**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.12**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**31**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-13 (SB-14-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.024**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.47**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.1**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.56**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**170**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**10**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**5.6**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**370**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.36**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**11**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**13**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.59**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.064**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**25**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.14**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**28**	1	12/16/09	12/18/09	
Sample ID: ISL1323-14 (SB-5-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.12**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.56**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.1**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.61**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**170**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**10**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.5**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**340**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.25**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**9.4**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**14**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.83**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.87**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.071**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**26**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.13**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**30**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-15 (SB-5-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.024**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.51**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.49**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**140**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**9.6**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**7.1**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**330**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.2**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**7.7**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**15**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.68**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**1.1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.059**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**25**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**30**	1	12/16/09	12/18/09	
Sample ID: ISL1323-16 (SB-10-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.022**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.6**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**2.5**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.59**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**190**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**9.7**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.8**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**390**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**15**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.38**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**9.2**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**14**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.7**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.72**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.066**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**23**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.12**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**34**	1	12/16/09	12/18/09	

TestAmerica Irvine

Amy Harris
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-17 (FD-03 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.021**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.6**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**2.7**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.68**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**200**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**11**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**7.1**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**360**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**20**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.45**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**12**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**16**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.71**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.77**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.078**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**25**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.14**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**40**	1	12/16/09	12/18/09	
Sample ID: ISL1323-18 (SB-10-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.017**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.44**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.5**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.53**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**130**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**9.2**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.2**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**230**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**12**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.15**	1	12/16/09	12/18/09	Ba
Lead	SW846 6020	9350053	0.018	0.15	**6.2**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**14**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.63**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.8**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.061**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**26**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.083**	1	12/16/09	12/18/09	Ba
Zinc	SW846 6020	9350053	0.32	1	**25**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-19 (SB-16-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.034**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.51**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**4**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.73**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**170**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**11**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**6.7**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**470**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**20**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.78**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**19**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**15**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.56**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**0.97**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.086**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**27**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.24**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350053	0.32	1	**48**	1	12/16/09	12/18/09	
Sample ID: ISL1323-20 (SB-16-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350053	0.014	0.2	**0.018**	1	12/16/09	12/18/09	Ba
Beryllium	SW846 6020	9350053	0.022	0.1	**0.56**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350053	0.051	0.6	**3.5**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350053	0.0094	0.1	**0.57**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350053	0.07	0.2	**150**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350053	0.076	0.2	**9.4**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350053	0.0066	0.1	**5.6**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350053	0.033	0.25	**250**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350053	0.071	0.25	**13**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350053	0.018	0.2	**0.56**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350053	0.018	0.15	**7.5**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350053	0.025	0.15	**14**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350053	0.13	0.5	**0.72**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350053	0.0016	0.1	**1.1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350053	0.02	0.1	**0.074**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350053	0.039	0.5	**25**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350053	0.0035	0.1	**0.096**	1	12/16/09	12/18/09	Ba
Zinc	SW846 6020	9350053	0.32	1	**28**	1	12/16/09	12/18/09	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-21 (SB-15-0.5 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350054	0.014	0.2	**0.032**	1	12/16/09	12/18/09	Ba, Ja
Beryllium	SW846 6020	9350054	0.022	0.1	**0.6**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350054	0.051	0.6	**3.7**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.75**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**190**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**12**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**6.4**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**380**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**14**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.5**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**12**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**14**	1	12/16/09	12/18/09	Ja
Selenium	SW846 6020	9350054	0.13	0.5	**0.62**	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350054	0.0016	0.1	**1**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.079**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350054	0.039	0.5	**29**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350054	0.0035	0.1	**0.16**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**87**	1	12/16/09	12/18/09	
Sample ID: ISL1323-22 (SB-15-3 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350054	0.014	0.2	**0.026**	1	12/16/09	12/18/09	Ba, Ja
Beryllium	SW846 6020	9350054	0.022	0.1	**0.5**	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350054	0.051	0.6	**2.9**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.74**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**180**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**8.9**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**6.3**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**270**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**14**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.18**	1	12/16/09	12/18/09	Ba
Lead	SW846 6020	9350054	0.018	0.15	**6.9**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**17**	1	12/16/09	12/18/09	Ja
Selenium	SW846 6020	9350054	0.13	0.5	**0.45**	1	12/16/09	12/18/09	Ba
Uranium	SW846 6020	9350054	0.0016	0.1	**0.98**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.085**	1	12/16/09	12/18/09	Ba
Vanadium	SW846 6020	9350054	0.039	0.5	**28**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350054	0.0035	0.1	**0.083**	1	12/16/09	12/18/09	Ba
Zinc	SW846 6020	9350054	0.32	1	**29**	1	12/16/09	12/18/09	

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Geosyntec Consultants (Henderson)
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1323-24 (EB-02 - Soil)									
Reporting Units: mg/kg									
Antimony	SW846 6020	9350054	0.014	0.2	ND	1	12/16/09	12/18/09	
Beryllium	SW846 6020	9350054	0.022	0.1	**0.03**	1	12/16/09	12/18/09	Ba
Arsenic	SW846 6020	9350054	0.051	0.6	**0.077**	1	12/16/09	12/18/09	Ba
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.016**	1	12/16/09	12/18/09	Ba
Barium	SW846 6020	9350054	0.07	0.2	**2.3**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**0.39**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**0.24**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**18**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**0.42**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.03**	1	12/16/09	12/18/09	Ba
Lead	SW846 6020	9350054	0.018	0.15	**0.57**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**0.21**	1	12/16/09	12/18/09	Ja
Selenium	SW846 6020	9350054	0.13	0.5	ND	1	12/16/09	12/18/09	
Uranium	SW846 6020	9350054	0.0016	0.1	**0.32**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	ND	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**1.2**	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350054	0.0035	0.1	**0.017**	1	12/16/09	12/18/09	Ba
Zinc	SW846 6020	9350054	0.32	1	**2.8**	1	12/16/09	12/18/09	

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Project Manager

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L16086 Extracted: 12/16/09											
Blank Analyzed: 12/18/2009 (9L16086-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	330	100	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*4900*			*ug/kg*	*6670*		*73*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2250*			*ug/kg*	*3330*		*68*	*35-120*			
Surrogate: 2-Fluorophenol	*4450*			*ug/kg*	*6670*		*67*	*25-120*			
Surrogate: Nitrobenzene-d5	*2140*			*ug/kg*	*3330*		*64*	*30-120*			
Surrogate: Phenol-d6	*4350*			*ug/kg*	*6670*		*65*	*35-120*			
Surrogate: Terphenyl-d14	*2690*			*ug/kg*	*3330*		*81*	*40-135*			
LCS Analyzed: 12/18/2009 (9L16086-BS1)											
2,2'-/4,4'-Dichlorobenzil	2220	330	100	ug/kg	3330		67	50-130			
Surrogate: 2,4,6-Tribromophenol	*4890*			*ug/kg*	*6670*		*73*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2310*			*ug/kg*	*3330*		*69*	*35-120*			
Surrogate: 2-Fluorophenol	*4690*			*ug/kg*	*6670*		*70*	*25-120*			
Surrogate: Nitrobenzene-d5	*2270*			*ug/kg*	*3330*		*68*	*30-120*			
Surrogate: Phenol-d6	*4650*			*ug/kg*	*6670*		*70*	*35-120*			
Surrogate: Terphenyl-d14	*2460*			*ug/kg*	*3330*		*74*	*40-135*			
Matrix Spike Analyzed: 12/18/2009 (9L16086-MS1)						**Source: ISL1323-02**					
2,2'-/4,4'-Dichlorobenzil	2500	330	100	ug/kg	3330	ND	75	50-130			
Surrogate: 2,4,6-Tribromophenol	*4830*			*ug/kg*	*6670*		*73*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2390*			*ug/kg*	*3330*		*72*	*35-120*			
Surrogate: 2-Fluorophenol	*4290*			*ug/kg*	*6670*		*64*	*25-120*			
Surrogate: Nitrobenzene-d5	*2270*			*ug/kg*	*3330*		*68*	*30-120*			
Surrogate: Phenol-d6	*4770*			*ug/kg*	*6670*		*72*	*35-120*			
Surrogate: Terphenyl-d14	*2460*			*ug/kg*	*3330*		*74*	*40-135*			
Matrix Spike Analyzed: 12/19/2009 (9L16086-MS2)						**Source: ISL1323-19**					
2,2'-/4,4'-Dichlorobenzil	2820	330	100	ug/kg	3330	ND	85	50-130			
Surrogate: 2,4,6-Tribromophenol	*5340*			*ug/kg*	*6670*		*80*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2370*			*ug/kg*	*3330*		*71*	*35-120*			
Surrogate: 2-Fluorophenol	*4550*			*ug/kg*	*6670*		*68*	*25-120*			
Surrogate: Nitrobenzene-d5	*2220*			*ug/kg*	*3330*		*67*	*30-120*			
Surrogate: Phenol-d6	*4590*			*ug/kg*	*6670*		*69*	*35-120*			
Surrogate: Terphenyl-d14	*2770*			*ug/kg*	*3330*		*83*	*40-135*			

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING
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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L16086 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/18/2009 (9L16086-MSD1)						**Source: ISL1323-02**					
2,2'-/4,4'-Dichlorobenzil	1650	330	100	ug/kg	3330	ND	50	50-130	41	30	*R-2*
Surrogate: 2,4,6-Tribromophenol	*3980*			*ug/kg*	*6670*		*60*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*1950*			*ug/kg*	*3330*		*58*	*35-120*			
Surrogate: 2-Fluorophenol	*3410*			*ug/kg*	*6670*		*51*	*25-120*			
Surrogate: Nitrobenzene-d5	*1820*			*ug/kg*	*3330*		*55*	*30-120*			
Surrogate: Phenol-d6	*3830*			*ug/kg*	*6670*		*57*	*35-120*			
Surrogate: Terphenyl-d14	*1960*			*ug/kg*	*3330*		*59*	*40-135*			
Matrix Spike Dup Analyzed: 12/19/2009 (9L16086-MSD2)						**Source: ISL1323-19**					
2,2'-/4,4'-Dichlorobenzil	2790	330	100	ug/kg	3330	ND	84	50-130	1	30	
Surrogate: 2,4,6-Tribromophenol	*5250*			*ug/kg*	*6670*		*79*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2350*			*ug/kg*	*3330*		*71*	*35-120*			
Surrogate: 2-Fluorophenol	*4630*			*ug/kg*	*6670*		*69*	*25-120*			
Surrogate: Nitrobenzene-d5	*2200*			*ug/kg*	*3330*		*66*	*30-120*			
Surrogate: Phenol-d6	*4720*			*ug/kg*	*6670*		*71*	*35-120*			
Surrogate: Terphenyl-d14	*2680*			*ug/kg*	*3330*		*80*	*40-135*			
Batch: 9L17079 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17079-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	330	100	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*5790*			*ug/kg*	*6670*		*87*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2600*			*ug/kg*	*3330*		*78*	*35-120*			
Surrogate: 2-Fluorophenol	*5170*			*ug/kg*	*6670*		*77*	*25-120*			
Surrogate: Nitrobenzene-d5	*2510*			*ug/kg*	*3330*		*75*	*30-120*			
Surrogate: Phenol-d6	*5170*			*ug/kg*	*6670*		*78*	*35-120*			
Surrogate: Terphenyl-d14	*3130*			*ug/kg*	*3330*		*94*	*40-135*			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17079 Extracted: 12/17/09											
LCS Analyzed: 12/18/2009 (9L17079-BS1)											
2,2'-/4,4'-Dichlorobenzil	2400	330	100	ug/kg	3330		72	50-130			
Surrogate: 2,4,6-Tribromophenol	*5070*			*ug/kg*	*6670*		*76*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2350*			*ug/kg*	*3330*		*71*	*35-120*			
Surrogate: 2-Fluorophenol	*4620*			*ug/kg*	*6670*		*69*	*25-120*			
Surrogate: Nitrobenzene-d5	*2260*			*ug/kg*	*3330*		*68*	*30-120*			
Surrogate: Phenol-d6	*4520*			*ug/kg*	*6670*		*68*	*35-120*			
Surrogate: Terphenyl-d14	*2600*			*ug/kg*	*3330*		*78*	*40-135*			
Matrix Spike Analyzed: 12/18/2009 (9L17079-MS1)						**Source: ISL1740-04**					
2,2'-/4,4'-Dichlorobenzil	2710	330	100	ug/kg	3330	ND	81	50-130			
Surrogate: 2,4,6-Tribromophenol	*5820*			*ug/kg*	*6670*		*87*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2570*			*ug/kg*	*3330*		*77*	*35-120*			
Surrogate: 2-Fluorophenol	*5100*			*ug/kg*	*6670*		*76*	*25-120*			
Surrogate: Nitrobenzene-d5	*2480*			*ug/kg*	*3330*		*74*	*30-120*			
Surrogate: Phenol-d6	*5180*			*ug/kg*	*6670*		*78*	*35-120*			
Surrogate: Terphenyl-d14	*2760*			*ug/kg*	*3330*		*83*	*40-135*			
Matrix Spike Dup Analyzed: 12/19/2009 (9L17079-MSD1)						**Source: ISL1740-04**					
2,2'-/4,4'-Dichlorobenzil	3190	330	100	ug/kg	3330	ND	96	50-130	16	30	
Surrogate: 2,4,6-Tribromophenol	*6300*			*ug/kg*	*6670*		*95*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2660*			*ug/kg*	*3330*		*80*	*35-120*			
Surrogate: 2-Fluorophenol	*5040*			*ug/kg*	*6670*		*76*	*25-120*			
Surrogate: Nitrobenzene-d5	*2480*			*ug/kg*	*3330*		*74*	*30-120*			
Surrogate: Phenol-d6	*5000*			*ug/kg*	*6670*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*3210*			*ug/kg*	*3330*		*96*	*40-135*			

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/09/09
Huntington Beach, CA 92648	Report Number:	ISL1323	Received: 12/10/09
Attention: Andrew Barnes			

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17015-BLK1)											
2,4'-DDD	ND	5.0	1.5	ug/kg							
2,4'-DDE	ND	5.0	1.5	ug/kg							
2,4'-DDT	ND	5.0	1.5	ug/kg							
4,4'-DDD	ND	5.0	1.5	ug/kg							
4,4'-DDE	ND	5.0	1.5	ug/kg							
4,4'-DDT	ND	5.0	1.5	ug/kg							
Aldrin	ND	5.0	1.5	ug/kg							
alpha-BHC	ND	5.0	1.5	ug/kg							
beta-BHC	ND	5.0	1.5	ug/kg							
delta-BHC	ND	10	1.5	ug/kg							
Dieldrin	ND	5.0	1.5	ug/kg							
Endosulfan I	ND	5.0	1.5	ug/kg							
Endosulfan II	ND	5.0	1.5	ug/kg							
Endosulfan sulfate	ND	10	2.0	ug/kg							
Endrin	ND	5.0	1.5	ug/kg							
Endrin aldehyde	ND	5.0	1.5	ug/kg							
Endrin ketone	ND	5.0	2.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	1.5	ug/kg							
Heptachlor	ND	5.0	2.0	ug/kg							
Heptachlor epoxide	ND	5.0	2.0	ug/kg							
Methoxychlor	ND	5.0	1.5	ug/kg							
Chlordane	ND	50	10	ug/kg							
Toxaphene	ND	200	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.9*			*ug/kg*	*33.3*		*90*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.3*			*ug/kg*	*33.3*		*88*	*35-115*			
LCS Analyzed: 12/18/2009 (9L17015-BS1)											
2,4'-DDD	30.7	5.0	1.5	ug/kg	33.3		92	60-120			
2,4'-DDE	30.2	5.0	1.5	ug/kg	33.3		90	60-120			
2,4'-DDT	32.5	5.0	1.5	ug/kg	33.3		97	65-120			
4,4'-DDD	32.1	5.0	1.5	ug/kg	33.3		96	60-120			
4,4'-DDE	29.8	5.0	1.5	ug/kg	33.3		90	60-120			*M-3*
4,4'-DDT	31.4	5.0	1.5	ug/kg	33.3		94	65-120			*M-3*
Aldrin	30.7	5.0	1.5	ug/kg	33.3		92	50-115			
alpha-BHC	29.1	5.0	1.5	ug/kg	33.3		87	60-115			
beta-BHC	29.3	5.0	1.5	ug/kg	33.3		88	60-115			*M-3*

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Henderson NV
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Sampled: 12/09/09
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METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
LCS Analyzed: 12/18/2009 (9L17015-BS1)											
delta-BHC	29.9	10	1.5	ug/kg	33.3		90	60-115			
Dieldrin	30.5	5.0	1.5	ug/kg	33.3		91	65-115			
Endosulfan I	29.7	5.0	1.5	ug/kg	33.3		89	40-120			
Endosulfan II	28.6	5.0	1.5	ug/kg	33.3		86	55-120			
Endosulfan sulfate	30.6	10	2.0	ug/kg	33.3		92	65-115			
Endrin	31.9	5.0	1.5	ug/kg	33.3		96	55-120			
Endrin aldehyde	31.1	5.0	1.5	ug/kg	33.3		93	55-115			
Endrin ketone	30.7	5.0	2.0	ug/kg	33.3		92	65-115			
gamma-BHC (Lindane)	31.3	5.0	1.5	ug/kg	33.3		94	55-115			
Heptachlor	31.1	5.0	2.0	ug/kg	33.3		93	55-115			
Heptachlor epoxide	29.9	5.0	2.0	ug/kg	33.3		90	55-115			
Methoxychlor	31.8	5.0	1.5	ug/kg	33.3		95	65-120			
Surrogate: Decachlorobiphenyl	*30.7*			*ug/kg*	*33.3*		*92*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.8*			*ug/kg*	*33.3*		*89*	*35-115*			
Matrix Spike Analyzed: 12/18/2009 (9L17015-MS1)						**Source: ISL1323-02**					
2,4'-DDD	28.0	15	4.5	ug/kg	33.3	ND	84	40-130			
2,4'-DDE	27.8	15	4.5	ug/kg	33.3	ND	83	35-130			
2,4'-DDT	29.4	15	4.5	ug/kg	33.3	ND	88	35-130			
4,4'-DDD	30.8	15	4.5	ug/kg	33.3	ND	92	40-130			
4,4'-DDE	27.8	15	4.5	ug/kg	33.3	ND	83	35-130			
4,4'-DDT	28.3	15	4.5	ug/kg	33.3	ND	85	35-130			
Aldrin	27.2	15	4.5	ug/kg	33.3	ND	82	40-115			
alpha-BHC	27.3	15	4.5	ug/kg	33.3	ND	82	40-115			
beta-BHC	38.9	15	4.5	ug/kg	33.3	11.7	82	40-120			
delta-BHC	26.6	30	4.5	ug/kg	33.3	ND	80	45-120			*J*
Dieldrin	26.6	15	4.5	ug/kg	33.3	ND	80	40-125			
Endosulfan I	26.7	15	4.5	ug/kg	33.3	ND	80	40-120			
Endosulfan II	22.5	15	4.5	ug/kg	33.3	ND	67	40-125			
Endosulfan sulfate	22.0	30	6.0	ug/kg	33.3	ND	66	45-120			*J*
Endrin	28.2	15	4.5	ug/kg	33.3	ND	85	45-125			
Endrin aldehyde	20.4	15	4.5	ug/kg	33.3	ND	61	30-120			
Endrin ketone	26.4	15	6.0	ug/kg	33.3	ND	79	40-120			
gamma-BHC (Lindane)	28.1	15	4.5	ug/kg	33.3	ND	84	40-120			
Heptachlor	27.9	15	6.0	ug/kg	33.3	ND	84	40-115			
Heptachlor epoxide	27.1	15	6.0	ug/kg	33.3	ND	81	45-115			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Analyzed: 12/18/2009 (9L17015-MS1)						**Source: ISL1323-02**					
Methoxychlor	25.1	15	4.5	ug/kg	33.3	ND	75	40-135			
Surrogate: Decachlorobiphenyl	*29.0*			*ug/kg*	*33.3*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.4*			*ug/kg*	*33.3*		*85*	*35-115*			
Matrix Spike Analyzed: 12/19/2009 (9L17015-MS2)						**Source: ISL1574-04**					
2,4'-DDD	29.3	15	4.5	ug/kg	33.3	ND	88	40-130			
2,4'-DDE	28.0	15	4.5	ug/kg	33.3	ND	84	35-130			
2,4'-DDT	30.1	15	4.5	ug/kg	33.3	ND	90	35-130			
4,4'-DDD	31.4	15	4.5	ug/kg	33.3	ND	94	40-130			
4,4'-DDE	29.4	15	4.5	ug/kg	33.3	3.00	79	35-130			
4,4'-DDT	31.4	15	4.5	ug/kg	33.3	2.16	88	35-130			
Aldrin	27.4	15	4.5	ug/kg	33.3	ND	82	40-115			
alpha-BHC	27.3	15	4.5	ug/kg	33.3	ND	82	40-115			
beta-BHC	35.5	15	4.5	ug/kg	33.3	7.46	84	40-120			
delta-BHC	27.7	30	4.5	ug/kg	33.3	ND	83	45-120			*J*
Dieldrin	27.5	15	4.5	ug/kg	33.3	ND	82	40-125			
Endosulfan I	27.1	15	4.5	ug/kg	33.3	ND	81	40-120			
Endosulfan II	25.6	15	4.5	ug/kg	33.3	ND	77	40-125			
Endosulfan sulfate	27.9	30	6.0	ug/kg	33.3	ND	84	45-120			*J*
Endrin	28.8	15	4.5	ug/kg	33.3	ND	86	45-125			
Endrin aldehyde	27.0	15	4.5	ug/kg	33.3	ND	81	30-120			
Endrin ketone	29.2	15	6.0	ug/kg	33.3	ND	88	40-120			
gamma-BHC (Lindane)	28.3	15	4.5	ug/kg	33.3	ND	85	40-120			
Heptachlor	28.4	15	6.0	ug/kg	33.3	ND	85	40-115			
Heptachlor epoxide	27.6	15	6.0	ug/kg	33.3	ND	83	45-115			
Methoxychlor	29.5	15	4.5	ug/kg	33.3	ND	89	40-135			
Surrogate: Decachlorobiphenyl	*29.0*			*ug/kg*	*33.3*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.0*			*ug/kg*	*33.3*		*84*	*35-115*			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Analyzed: 12/19/2009 (9L17015-MS3)						**Source: ISL1574-08**					
2,4'-DDD	32.7	20	6.0	ug/kg	33.3	ND	98	40-130			
2,4'-DDE	61.7	20	6.0	ug/kg	33.3	26.5	106	35-130			
2,4'-DDT	104	20	6.0	ug/kg	33.3	61.6	127	35-130			
4,4'-DDD	41.5	20	6.0	ug/kg	33.3	4.85	110	40-130			
Aldrin	29.7	20	6.0	ug/kg	33.3	ND	89	40-115			
alpha-BHC	30.8	20	6.0	ug/kg	33.3	1.66	87	40-115			
delta-BHC	29.8	40	6.0	ug/kg	33.3	ND	89	45-120			*J*
Dieldrin	32.5	20	6.0	ug/kg	33.3	ND	97	40-125			
Endosulfan I	29.9	20	6.0	ug/kg	33.3	ND	90	40-120			
Endosulfan II	27.0	20	6.0	ug/kg	33.3	ND	81	40-125			
Endosulfan sulfate	33.3	40	8.0	ug/kg	33.3	ND	100	45-120			*J*
Endrin	31.3	20	6.0	ug/kg	33.3	ND	94	45-125			
Endrin aldehyde	30.1	20	6.0	ug/kg	33.3	ND	90	30-120			
Endrin ketone	29.3	20	8.0	ug/kg	33.3	ND	88	40-120			
gamma-BHC (Lindane)	30.7	20	6.0	ug/kg	33.3	ND	92	40-120			
Heptachlor	30.6	20	8.0	ug/kg	33.3	ND	92	40-115			
Heptachlor epoxide	31.0	20	8.0	ug/kg	33.3	ND	93	45-115			
Methoxychlor	31.7	20	6.0	ug/kg	33.3	ND	95	40-135			
Surrogate: Decachlorobiphenyl	*34.6*			*ug/kg*	*33.3*		*104*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*30.0*			*ug/kg*	*33.3*		*90*	*35-115*			
Matrix Spike Dup Analyzed: 12/18/2009 (9L17015-MSD1)						**Source: ISL1323-02**					
2,4'-DDD	27.5	15	4.5	ug/kg	33.3	ND	82	40-130	2	30	
2,4'-DDE	26.2	15	4.5	ug/kg	33.3	ND	79	35-130	6	30	
2,4'-DDT	28.8	15	4.5	ug/kg	33.3	ND	86	35-130	2	30	
4,4'-DDD	29.1	15	4.5	ug/kg	33.3	ND	87	40-130	5	30	
4,4'-DDE	26.5	15	4.5	ug/kg	33.3	ND	80	35-130	5	30	
4,4'-DDT	28.2	15	4.5	ug/kg	33.3	ND	85	35-130	0.5	30	
Aldrin	26.1	15	4.5	ug/kg	33.3	ND	78	40-115	4	30	
alpha-BHC	26.2	15	4.5	ug/kg	33.3	ND	79	40-115	4	30	
beta-BHC	38.9	15	4.5	ug/kg	33.3	11.7	81	40-120	0.2	30	
delta-BHC	25.6	30	4.5	ug/kg	33.3	ND	77	45-120	4	30	*J*
Dieldrin	25.5	15	4.5	ug/kg	33.3	ND	77	40-125	4	30	
Endosulfan I	25.6	15	4.5	ug/kg	33.3	ND	77	40-120	4	30	
Endosulfan II	22.2	15	4.5	ug/kg	33.3	ND	67	40-125	1	30	
Endosulfan sulfate	22.0	30	6.0	ug/kg	33.3	ND	66	45-120	0.2	30	*J*

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Geosyntec Consultants (Henderson)
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Dup Analyzed: 12/18/2009 (9L17015-MSD1)						**Source: ISL1323-02**					
Endrin	26.9	15	4.5	ug/kg	33.3	ND	81	45-125	5	30	
Endrin aldehyde	20.6	15	4.5	ug/kg	33.3	ND	62	30-120	1	30	
Endrin ketone	24.4	15	6.0	ug/kg	33.3	ND	73	40-120	8	30	
gamma-BHC (Lindane)	26.9	15	4.5	ug/kg	33.3	ND	81	40-120	4	30	
Heptachlor	27.2	15	6.0	ug/kg	33.3	ND	82	40-115	2	30	
Heptachlor epoxide	25.7	15	6.0	ug/kg	33.3	ND	77	45-115	5	30	
Methoxychlor	20.9	15	4.5	ug/kg	33.3	ND	63	40-135	18	30	
Surrogate: Decachlorobiphenyl	*27.9*			*ug/kg*	*33.3*		*84*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*27.2*			*ug/kg*	*33.3*		*81*	*35-115*			
Matrix Spike Dup Analyzed: 12/19/2009 (9L17015-MSD2)						**Source: ISL1574-04**					
2,4'-DDD	29.8	15	4.5	ug/kg	33.3	ND	89	40-130	2	30	
2,4'-DDE	28.5	15	4.5	ug/kg	33.3	ND	85	35-130	2	30	
2,4'-DDT	30.7	15	4.5	ug/kg	33.3	ND	92	35-130	2	30	
4,4'-DDD	31.7	15	4.5	ug/kg	33.3	ND	95	40-130	0.8	30	
4,4'-DDE	29.7	15	4.5	ug/kg	33.3	3.00	80	35-130	1	30	
4,4'-DDT	31.1	15	4.5	ug/kg	33.3	2.16	87	35-130	1	30	
Aldrin	27.9	15	4.5	ug/kg	33.3	ND	84	40-115	2	30	
alpha-BHC	27.7	15	4.5	ug/kg	33.3	ND	83	40-115	1	30	
beta-BHC	33.6	15	4.5	ug/kg	33.3	7.46	78	40-120	6	30	
delta-BHC	27.8	30	4.5	ug/kg	33.3	ND	84	45-120	0.7	30	*J*
Dieldrin	27.9	15	4.5	ug/kg	33.3	ND	84	40-125	2	30	
Endosulfan I	27.6	15	4.5	ug/kg	33.3	ND	83	40-120	2	30	
Endosulfan II	25.5	15	4.5	ug/kg	33.3	ND	77	40-125	0.2	30	
Endosulfan sulfate	26.8	30	6.0	ug/kg	33.3	ND	81	45-120	4	30	*J*
Endrin	29.2	15	4.5	ug/kg	33.3	ND	88	45-125	1	30	
Endrin aldehyde	26.8	15	4.5	ug/kg	33.3	ND	80	30-120	0.8	30	
Endrin ketone	28.3	15	6.0	ug/kg	33.3	ND	85	40-120	3	30	
gamma-BHC (Lindane)	28.7	15	4.5	ug/kg	33.3	ND	86	40-120	2	30	
Heptachlor	29.1	15	6.0	ug/kg	33.3	ND	87	40-115	2	30	
Heptachlor epoxide	28.0	15	6.0	ug/kg	33.3	ND	84	45-115	1	30	
Methoxychlor	28.3	15	4.5	ug/kg	33.3	ND	85	40-135	4	30	
Surrogate: Decachlorobiphenyl	*29.3*			*ug/kg*	*33.3*		*88*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*27.9*			*ug/kg*	*33.3*		*84*	*35-115*			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Dup Analyzed: 12/19/2009 (9L17015-MSD3)						**Source: ISL1574-08**					
2,4'-DDD	29.6	20	6.0	ug/kg	33.3	ND	89	40-130	10	30	
2,4'-DDE	70.8	20	6.0	ug/kg	33.3	26.5	133	35-130	14	30	*M1*
2,4'-DDT	112	20	6.0	ug/kg	33.3	61.6	152	35-130	8	30	*M1*
4,4'-DDD	39.4	20	6.0	ug/kg	33.3	4.85	104	40-130	5	30	
Aldrin	28.5	20	6.0	ug/kg	33.3	ND	85	40-115	4	30	
alpha-BHC	30.5	20	6.0	ug/kg	33.3	1.66	86	40-115	1	30	
delta-BHC	28.6	40	6.0	ug/kg	33.3	ND	86	45-120	4	30	*J*
Dieldrin	34.4	20	6.0	ug/kg	33.3	ND	103	40-125	6	30	
Endosulfan I	28.8	20	6.0	ug/kg	33.3	ND	86	40-120	4	30	
Endosulfan II	26.0	20	6.0	ug/kg	33.3	ND	78	40-125	4	30	
Endosulfan sulfate	36.5	40	8.0	ug/kg	33.3	ND	109	45-120	9	30	*J*
Endrin	29.7	20	6.0	ug/kg	33.3	ND	89	45-125	5	30	
Endrin aldehyde	31.9	20	6.0	ug/kg	33.3	ND	96	30-120	6	30	
Endrin ketone	28.0	20	8.0	ug/kg	33.3	ND	84	40-120	4	30	
gamma-BHC (Lindane)	31.1	20	6.0	ug/kg	33.3	ND	93	40-120	1	30	
Heptachlor	29.1	20	8.0	ug/kg	33.3	ND	87	40-115	5	30	
Heptachlor epoxide	32.0	20	8.0	ug/kg	33.3	ND	96	45-115	3	30	
Methoxychlor	29.5	20	6.0	ug/kg	33.3	ND	89	40-135	7	30	
Surrogate: Decachlorobiphenyl	*33.2*			*ug/kg*	*33.3*		*100*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.9*			*ug/kg*	*33.3*		*87*	*35-115*			
Batch: 9L17016 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17016-BLK1)											
2,4'-DDD	ND	5.0	1.5	ug/kg							
2,4'-DDE	ND	5.0	1.5	ug/kg							
2,4'-DDT	ND	5.0	1.5	ug/kg							
4,4'-DDD	ND	5.0	1.5	ug/kg							
4,4'-DDE	ND	5.0	1.5	ug/kg							
4,4'-DDT	ND	5.0	1.5	ug/kg							
Aldrin	ND	5.0	1.5	ug/kg							
alpha-BHC	ND	5.0	1.5	ug/kg							
beta-BHC	ND	5.0	1.5	ug/kg							
delta-BHC	ND	10	1.5	ug/kg							
Dieldrin	ND	5.0	1.5	ug/kg							
Endosulfan I	ND	5.0	1.5	ug/kg							

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17016 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17016-BLK1)											
Endosulfan II	ND	5.0	1.5	ug/kg							
Endosulfan sulfate	ND	10	2.0	ug/kg							
Endrin	ND	5.0	1.5	ug/kg							
Endrin aldehyde	ND	5.0	1.5	ug/kg							
Endrin ketone	ND	5.0	2.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	1.5	ug/kg							
Heptachlor	ND	5.0	2.0	ug/kg							
Heptachlor epoxide	ND	5.0	2.0	ug/kg							
Methoxychlor	ND	5.0	1.5	ug/kg							
Chlordane	ND	50	10	ug/kg							
Toxaphene	ND	200	50	ug/kg							
Surrogate: Decachlorobiphenyl	*30.7*			*ug/kg*	*33.3*		*92*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.1*			*ug/kg*	*33.3*		*87*	*35-115*			
LCS Analyzed: 12/18/2009 (9L17016-BS1)											
2,4'-DDD	30.2	5.0	1.5	ug/kg	33.3		91	60-120			
2,4'-DDE	30.2	5.0	1.5	ug/kg	33.3		91	60-120			
2,4'-DDT	32.8	5.0	1.5	ug/kg	33.3		99	65-120			
4,4'-DDD	31.3	5.0	1.5	ug/kg	33.3		94	60-120			
4,4'-DDE	31.8	5.0	1.5	ug/kg	33.3		95	60-120			*M-3*
4,4'-DDT	33.7	5.0	1.5	ug/kg	33.3		101	65-120			
Aldrin	30.7	5.0	1.5	ug/kg	33.3		92	50-115			
alpha-BHC	31.2	5.0	1.5	ug/kg	33.3		94	60-115			
beta-BHC	30.8	5.0	1.5	ug/kg	33.3		92	60-115			*M-3*
delta-BHC	33.2	10	1.5	ug/kg	33.3		100	60-115			
Dieldrin	29.9	5.0	1.5	ug/kg	33.3		90	65-115			
Endosulfan I	29.8	5.0	1.5	ug/kg	33.3		89	40-120			
Endosulfan II	28.2	5.0	1.5	ug/kg	33.3		84	55-120			
Endosulfan sulfate	29.9	10	2.0	ug/kg	33.3		90	65-115			
Endrin	30.2	5.0	1.5	ug/kg	33.3		91	55-120			
Endrin aldehyde	30.7	5.0	1.5	ug/kg	33.3		92	55-115			
Endrin ketone	29.2	5.0	2.0	ug/kg	33.3		88	65-115			
gamma-BHC (Lindane)	30.9	5.0	1.5	ug/kg	33.3		93	55-115			
Heptachlor	29.6	5.0	2.0	ug/kg	33.3		89	55-115			
Heptachlor epoxide	29.8	5.0	2.0	ug/kg	33.3		89	55-115			
Methoxychlor	31.2	5.0	1.5	ug/kg	33.3		94	65-120			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17016 Extracted: 12/17/09											
LCS Analyzed: 12/18/2009 (9L17016-BS1)											
Surrogate: Decachlorobiphenyl	*31.3*			*ug/kg*	*33.3*		*94*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*30.4*			*ug/kg*	*33.3*		*91*	*35-115*			
Matrix Spike Analyzed: 12/18/2009 (9L17016-MS1)						**Source: ISL1323-19**					
2,4'-DDD	29.3	15	4.5	ug/kg	33.3	ND	88	40-130			
2,4'-DDE	76.8	15	4.5	ug/kg	33.3	ND	230	35-130			*M1*
2,4'-DDT	36.1	15	4.5	ug/kg	33.3	4.08	96	35-130			
4,4'-DDD	31.3	15	4.5	ug/kg	33.3	ND	94	40-130			
4,4'-DDT	106	15	4.5	ug/kg	33.3	54.9	152	35-130			*M1*
Aldrin	28.0	15	4.5	ug/kg	33.3	ND	84	40-115			
alpha-BHC	28.7	15	4.5	ug/kg	33.3	ND	86	40-115			
delta-BHC	30.7	30	4.5	ug/kg	33.3	ND	92	45-120			
Dieldrin	27.6	15	4.5	ug/kg	33.3	ND	83	40-125			
Endosulfan I	27.1	15	4.5	ug/kg	33.3	ND	81	40-120			
Endosulfan II	23.1	15	4.5	ug/kg	33.3	ND	69	40-125			
Endosulfan sulfate	39.5	30	6.0	ug/kg	33.3	ND	119	45-120			
Endrin	28.4	15	4.5	ug/kg	33.3	ND	85	45-125			
Endrin aldehyde	31.1	15	4.5	ug/kg	33.3	ND	93	30-120			
Endrin ketone	27.1	15	6.0	ug/kg	33.3	ND	81	40-120			
gamma-BHC (Lindane)	28.9	15	4.5	ug/kg	33.3	ND	87	40-120			
Heptachlor	26.3	15	6.0	ug/kg	33.3	ND	79	40-115			
Heptachlor epoxide	30.3	15	6.0	ug/kg	33.3	ND	91	45-115			
Methoxychlor	34.2	15	4.5	ug/kg	33.3	ND	103	40-135			
Surrogate: Decachlorobiphenyl	*30.2*			*ug/kg*	*33.3*		*91*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*27.8*			*ug/kg*	*33.3*		*83*	*35-115*			
Matrix Spike Dup Analyzed: 12/18/2009 (9L17016-MSD1)						**Source: ISL1323-19**					
2,4'-DDD	30.4	15	4.5	ug/kg	33.3	ND	91	40-130	4	30	
2,4'-DDE	77.1	15	4.5	ug/kg	33.3	ND	231	35-130	0.4	30	*M1*
2,4'-DDT	38.3	15	4.5	ug/kg	33.3	4.08	103	35-130	6	30	
4,4'-DDD	33.1	15	4.5	ug/kg	33.3	ND	99	40-130	6	30	
4,4'-DDT	100	15	4.5	ug/kg	33.3	54.9	136	35-130	5	30	*M1*
Aldrin	29.1	15	4.5	ug/kg	33.3	ND	87	40-115	4	30	
alpha-BHC	29.9	15	4.5	ug/kg	33.3	ND	90	40-115	4	30	
delta-BHC	31.9	30	4.5	ug/kg	33.3	ND	96	45-120	4	30	
Dieldrin	29.3	15	4.5	ug/kg	33.3	ND	88	40-125	6	30	

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Report Number: ISL1323

Sampled: 12/09/09
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METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17016 Extracted: 12/17/09											
Matrix Spike Dup Analyzed: 12/18/2009 (9L17016-MSD1)						**Source: ISL1323-19**					
Endosulfan I	28.1	15	4.5	ug/kg	33.3	ND	84	40-120	4	30	
Endosulfan II	24.7	15	4.5	ug/kg	33.3	ND	74	40-125	7	30	
Endosulfan sulfate	43.5	30	6.0	ug/kg	33.3	ND	131	45-120	10	30	*M1*
Endrin	29.4	15	4.5	ug/kg	33.3	ND	88	45-125	3	30	
Endrin aldehyde	33.4	15	4.5	ug/kg	33.3	ND	100	30-120	7	30	
Endrin ketone	28.5	15	6.0	ug/kg	33.3	ND	85	40-120	5	30	
gamma-BHC (Lindane)	30.0	15	4.5	ug/kg	33.3	ND	90	40-120	4	30	
Heptachlor	27.5	15	6.0	ug/kg	33.3	ND	82	40-115	4	30	
Heptachlor epoxide	31.6	15	6.0	ug/kg	33.3	ND	95	45-115	4	30	
Methoxychlor	38.1	15	4.5	ug/kg	33.3	ND	114	40-135	11	30	
Surrogate: Decachlorobiphenyl	*31.1*			*ug/kg*	*33.3*		*93*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.9*			*ug/kg*	*33.3*		*87*	*35-115*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L15107 Extracted: 12/15/09											
Blank Analyzed: 12/18/2009-12/19/2009 (9L15107-BLK1)											
Calcium	13.1	15	6.2	mg/kg							*J*
Iron	4.22	5.0	1.5	mg/kg							*J*
Magnesium	3.05	10	1.0	mg/kg							*J*
Phosphorus	ND	5.0	2.5	mg/kg							
Potassium	42.8	50	19	mg/kg							*J*
Sodium	ND	50	24	mg/kg							
Tin	1.44	10	1.3	mg/kg							*J*
LCS Analyzed: 12/18/2009 (9L15107-BS1)											
Calcium	245	15	6.2	mg/kg	249		99	80-120			
Iron	49.8	5.0	1.5	mg/kg	49.8		100	80-120			
Magnesium	240	10	1.0	mg/kg	249		96	80-120			
Phosphorus	44.1	5.0	2.5	mg/kg	49.8		89	80-120			
Potassium	482	50	19	mg/kg	498		97	80-120			
Sodium	506	50	24	mg/kg	498		102	80-120			
Tin	46.6	10	1.3	mg/kg	49.8		94	80-120			
Matrix Spike Analyzed: 12/18/2009 (9L15107-MS1)						**Source: ISL1323-02**					
Calcium	20300	15	6.2	mg/kg	246	19100	486	75-125			*MHA*
Iron	23200	4.9	1.5	mg/kg	49.3	21300	3800	75-125			*MHA*
Magnesium	9020	9.9	0.99	mg/kg	246	8160	350	75-125			*MHA*
Phosphorus	1030	4.9	2.5	mg/kg	49.3	922	214	75-125			*MHA*
Potassium	3540	49	19	mg/kg	493	2530	205	75-125			*MHA*
Sodium	1160	49	24	mg/kg	493	498	134	75-125			*MHA*
Tin	48.6	9.9	1.3	mg/kg	49.3	3.46	92	75-125			
Matrix Spike Dup Analyzed: 12/18/2009 (9L15107-MSD1)						**Source: ISL1323-02**					
Calcium	31400	15	6.2	mg/kg	250	19100	4910	75-125	43	20	*MHA, R-3*
Iron	24300	5.0	1.5	mg/kg	50.0	21300	5930	75-125	5	20	*MHA*
Magnesium	8810	10	1.0	mg/kg	250	8160	259	75-125	2	20	*MHA*
Phosphorus	941	5.0	2.5	mg/kg	50.0	922	39	75-125	9	20	*MHA*
Potassium	3390	50	19	mg/kg	500	2530	174	75-125	4	20	*MHA*
Sodium	1180	50	24	mg/kg	500	498	137	75-125	2	20	*MHA*
Tin	49.2	10	1.3	mg/kg	50.0	3.46	91	75-125	1	20	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L15110 Extracted: 12/15/09											
Blank Analyzed: 12/18/2009 (9L15110-BLK1)											
Aluminum	ND	5.0	4.3	mg/kg							
LCS Analyzed: 12/18/2009 (9L15110-BS1)											
Aluminum	50.7	5.0	4.3	mg/kg	49.8		102	80-120			*M-3*
Batch: 9L15111 Extracted: 12/15/09											
Blank Analyzed: 12/15/2009-12/17/2009 (9L15111-BLK1)											
Calcium	10.4	15	6.2	mg/kg							*J*
Iron	3.93	5.0	1.5	mg/kg							*J*
Magnesium	4.46	9.9	0.99	mg/kg							*J*
Phosphorus	ND	5.0	2.5	mg/kg							
Potassium	ND	50	19	mg/kg							
Sodium	ND	50	24	mg/kg							
Tin	ND	9.9	1.3	mg/kg							
LCS Analyzed: 12/15/2009 (9L15111-BS1)											
Calcium	233	15	6.2	mg/kg	250		93	80-120			
Iron	53.3	5.0	1.5	mg/kg	50.0		107	80-120			
Magnesium	241	10	1.0	mg/kg	250		97	80-120			
Phosphorus	45.6	5.0	2.5	mg/kg	50.0		91	80-120			
Potassium	479	50	19	mg/kg	500		96	80-120			
Sodium	497	50	24	mg/kg	500		99	80-120			
Tin	46.4	10	1.3	mg/kg	50.0		93	80-120			
Matrix Spike Analyzed: 12/15/2009 (9L15111-MS1)						**Source: ISL1323-19**					
Calcium	33300	15	6.2	mg/kg	249	36900	-1420	75-125			*MHA*
Iron	22100	5.0	1.5	mg/kg	49.8	20400	3320	75-125			*MHA*
Magnesium	26100	10	1.0	mg/kg	249	19400	2700	75-125			*MHA*
Phosphorus	964	5.0	2.5	mg/kg	49.8	890	148	75-125			*MHA*
Potassium	3980	50	19	mg/kg	498	3120	172	75-125			*MHA*
Sodium	2510	50	24	mg/kg	498	1710	160	75-125			*M1*
Tin	48.8	10	1.3	mg/kg	49.8	3.19	92	75-125			

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Henderson NV
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Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L15111 Extracted: 12/15/09											
Matrix Spike Dup Analyzed: 12/15/2009 (9L15111-MSD1)						**Source: ISL1323-19**					
Calcium	33100	15	6.2	mg/kg	249	36900	-1490	75-125	0.5	20	*MHA*
Iron	21000	5.0	1.5	mg/kg	49.8	20400	1110	75-125	5	20	*MHA*
Magnesium	20100	10	1.0	mg/kg	249	19400	297	75-125	26	20	*MHA, R-3*
Phosphorus	1110	5.0	2.5	mg/kg	49.8	890	445	75-125	14	20	*MHA*
Potassium	3950	50	19	mg/kg	498	3120	166	75-125	0.7	20	*MHA*
Sodium	2480	50	24	mg/kg	498	1710	154	75-125	1	20	*M1*
Tin	49.3	10	1.3	mg/kg	49.8	3.19	93	75-125	1	20	
Batch: 9L15113 Extracted: 12/15/09											
Blank Analyzed: 12/18/2009 (9L15113-BLK1)											
Aluminum	ND	5.0	4.3	mg/kg							
LCS Analyzed: 12/18/2009 (9L15113-BS1)											
Aluminum	50.9	5.0	4.3	mg/kg	50.0		102	80-120			*M-3*
Batch: 9L16100 Extracted: 12/16/09											
Blank Analyzed: 12/16/2009 (9L16100-BLK1)											
Mercury	ND	0.020	0.012	mg/kg							
LCS Analyzed: 12/16/2009 (9L16100-BS1)											
Mercury	0.857	0.020	0.012	mg/kg	0.800		107	80-120			
Matrix Spike Analyzed: 12/16/2009 (9L16100-MS1)						**Source: ISL1683-02**					
Mercury	0.816	0.020	0.012	mg/kg	0.800	0.0439	97	70-130			

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L16100 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/16/2009 (9L16100-MSD1)						**Source: ISL1683-02**					
Mercury	0.824	0.020	0.012	mg/kg	0.800	0.0439	97	70-130	0.9	20	
Batch: 9L16101 Extracted: 12/16/09											
Blank Analyzed: 12/16/2009 (9L16101-BLK1)											
Mercury	ND	0.020	0.012	mg/kg							
LCS Analyzed: 12/16/2009 (9L16101-BS1)											
Mercury	0.787	0.020	0.012	mg/kg	0.800		98	80-120			
Matrix Spike Analyzed: 12/16/2009 (9L16101-MS1)						**Source: ISL1323-19**					
Mercury	0.775	0.020	0.012	mg/kg	0.800	0.0215	94	70-130			
Matrix Spike Dup Analyzed: 12/16/2009 (9L16101-MSD1)						**Source: ISL1323-19**					
Mercury	0.748	0.020	0.012	mg/kg	0.800	0.0215	91	70-130	4	20	
Batch: 9L20029 Extracted: 12/20/09											
Blank Analyzed: 12/20/2009 (9L20029-BLK1)											
Mercury	ND	0.020	0.012	mg/kg							
LCS Analyzed: 12/20/2009 (9L20029-BS1)											
Mercury	0.742	0.020	0.012	mg/kg	0.800		93	80-120			
Matrix Spike Analyzed: 12/20/2009 (9L20029-MS1)						**Source: ISL1323-02**					
Mercury	0.760	0.020	0.012	mg/kg	0.800	ND	95	70-130			

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/09/09
Huntington Beach, CA 92648	Report Number:	ISL1323	Received: 12/10/09
Attention: Andrew Barnes			

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L20029 Extracted: 12/20/09											
Matrix Spike Dup Analyzed: 12/20/2009 (9L20029-MSD1)						**Source: ISL1323-02**					
Mercury	0.763	0.020	0.012	mg/kg	0.800	ND	95	70-130	0.4	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L15100 Extracted: 12/15/09											
Duplicate Analyzed: 12/15/2009 (9L15100-DUP1)						**Source: ISL1246-01**					
pH	6.87	0.100	0.100	pH Units		6.90			0.4	5	
Duplicate Analyzed: 12/15/2009 (9L15100-DUP2)						**Source: ISL1323-14**					
pH	7.77	0.100	0.100	pH Units		7.75			0.3	5	
Batch: 9L15101 Extracted: 12/15/09											
Duplicate Analyzed: 12/15/2009 (9L15101-DUP1)						**Source: ISL1246-01**					
Redox Potential (Eh)	375	0.10	0.10	mV		376			0.3	5	
Duplicate Analyzed: 12/15/2009 (9L15101-DUP2)						**Source: ISL1323-14**					
Redox Potential (Eh)	351	0.10	0.10	mV		351			0	5	
Batch: 9L15102 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L15102-DUP1)						**Source: ISL1323-15**					
pH	8.37	0.100	0.100	pH Units		8.27			1	5	
Duplicate Analyzed: 12/16/2009 (9L15102-DUP2)						**Source: ISL1574-01**					
pH	8.80	0.100	0.100	pH Units		8.72			0.9	5	
Batch: 9L15104 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L15104-DUP1)						**Source: ISL1323-15**					
Redox Potential (Eh)	449	0.10	0.10	mV		450			0.2	5	

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INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L15104 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L15104-DUP2)						**Source: ISL1574-01**					
Redox Potential (Eh)	368	0.10	0.10	mV		369			0.3	5	
Batch: 9L16156 Extracted: 12/16/09											
Blank Analyzed: 12/17/2009 (9L16156-BLK1)											
Chromium VI	ND	0.20	0.12	mg/kg							
LCS Analyzed: 12/17/2009 (9L16156-BS1)											
Chromium VI	14.7	0.20	0.12	mg/kg	16.0		92	65-110			
Matrix Spike Analyzed: 12/17/2009 (9L16156-MS1)						**Source: ISL1323-02**					
Chromium VI	13.9	0.20	0.12	mg/kg	16.0	ND	87	55-110			
Matrix Spike Analyzed: 12/17/2009 (9L16156-MS2)						**Source: ISL1323-02**					
Chromium VI	1460	20	12	mg/kg	1420	ND	103	55-110			
Matrix Spike Dup Analyzed: 12/17/2009 (9L16156-MSD1)						**Source: ISL1323-02**					
Chromium VI	15.7	0.20	0.12	mg/kg	16.0	ND	98	55-110	12	20	
Batch: 9L17130 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17130-BLK1)											
Chromium VI	ND	0.20	0.12	mg/kg							
LCS Analyzed: 12/18/2009 (9L17130-BS1)											
Chromium VI	15.3	0.20	0.12	mg/kg	16.0		96	65-110			

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INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17130 Extracted: 12/17/09											
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS1)						**Source: ISL1323-19**					
Chromium VI	14.5	0.20	0.12	mg/kg	16.0	ND	91	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS2)						**Source: ISL1574-04**					
Chromium VI	14.3	0.20	0.12	mg/kg	16.0	ND	89	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS3)						**Source: ISL1574-08**					
Chromium VI	14.0	0.20	0.12	mg/kg	16.0	ND	87	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS4)						**Source: ISL1323-19**					
Chromium VI	1180	20	12	mg/kg	1300	ND	91	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS5)						**Source: ISL1574-04**					
Chromium VI	1210	20	12	mg/kg	1400	ND	86	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS6)						**Source: ISL1574-08**					
Chromium VI	1180	20	12	mg/kg	1380	ND	86	55-110			
Matrix Spike Dup Analyzed: 12/18/2009 (9L17130-MSD1)						**Source: ISL1323-19**					
Chromium VI	15.0	0.20	0.12	mg/kg	16.0	ND	93	55-110	3	20	
Matrix Spike Dup Analyzed: 12/18/2009 (9L17130-MSD2)						**Source: ISL1574-04**					
Chromium VI	14.1	0.20	0.12	mg/kg	16.0	ND	88	55-110	2	20	
Matrix Spike Dup Analyzed: 12/18/2009 (9L17130-MSD3)						**Source: ISL1574-08**					
Chromium VI	14.5	0.20	0.12	mg/kg	16.0	ND	90	55-110	4	20	

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METHOD BLANK/QC DATA

SW846 6010B

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9348436 Extracted: 12/15/09											
Matrix Spike Dup Analyzed: 12/18/2009 (F9L120470002D)						**Source: ISL1323-02**					
Sulfur	1140	500	21.7	mg/kg	1000	93.5	105	75-125	2.8	30	
Matrix Spike Analyzed: 12/18/2009 (F9L120470002S)						**Source: ISL1323-02**					
Sulfur	1110	500	21.7	mg/kg	1000	93.5	101	75-125	2.8	30	
Blank Analyzed: 12/18/2009 (F9L140000436B)						**Source:**					
Sulfur	ND	500	21.7	mg/kg				-			
LCS Analyzed: 12/18/2009 (F9L140000436C)						**Source:**					
Sulfur	1050	500	21.7	mg/kg	1000		105	80-120			
Batch: 9348437 Extracted: 12/15/09											
Matrix Spike Dup Analyzed: 12/18/2009 (F9L120470019D)						**Source: ISL1323-19**					
Sulfur	1450	500	21.7	mg/kg	1000	566	88	75-125	8.2	30	
Matrix Spike Analyzed: 12/18/2009 (F9L120470019S)						**Source: ISL1323-19**					
Sulfur	1570	500	21.7	mg/kg	1000	566	101	75-125	8.2	30	
Blank Analyzed: 12/18/2009 (F9L140000437B)						**Source:**					
Sulfur	ND	500	21.7	mg/kg				-			
LCS Analyzed: 12/18/2009 (F9L140000437C)						**Source:**					
Sulfur	1070	500	21.7	mg/kg	1000		107	80-120			

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METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350053 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/17/2009 (D9L150485002D)						**Source: ISL1323-02**					
Antimony	3.94	0.2	0.014	mg/kg	18.7	0.02	21	82-110	23	20	*N, **
Beryllium	18	0.1	0.022	mg/kg	18.7	0.49	94	70-136	6.7	20	
Arsenic	19.3	0.6	0.051	mg/kg	18.7	2.6	90	83-111	6.1	20	
Cadmium	18.1	0.1	0.0094	mg/kg	18.7	0.64	93	85-109	6.5	20	
Barium	170	0.2	0.07	mg/kg	18.7	170	1	86-120	19	20	*N, MSB*
Chromium	26	0.2	0.076	mg/kg	18.7	9.8	87	87-121	1.2	20	
Cobalt	23.2	0.1	0.0066	mg/kg	18.7	6.7	89	91-113	5.8	20	*N*
Manganese	326	0.25	0.033	mg/kg	18.7	320	10	86-120	22	20	*N, *, MSB*
Copper	28.3	0.25	0.071	mg/kg	18.7	13	82	87-125	4.4	20	*N*
Molybdenum	15.8	0.2	0.018	mg/kg	18.7	0.22	84	80-120	11	20	
Lead	24.4	0.15	0.018	mg/kg	18.7	8.1	87	81-125	1.7	20	
Nickel	28.9	0.15	0.025	mg/kg	18.7	14	80	90-113	4.6	20	*N*
Selenium	16.2	0.5	0.13	mg/kg	18.7	0.79	82	78-108	12	20	
Uranium	19	0.1	0.0016	mg/kg	18.7	0.73	97	85-123	6	20	
Silver	16.3	0.1	0.02	mg/kg	18.7	0.11	87	83-113	6.5	20	
Vanadium	41.5	0.5	0.039	mg/kg	18.7	26	82	88-114	3.8	20	*N*
Thallium	17.2	0.1	0.0035	mg/kg	18.7	0.13	92	84-124	7.2	20	
Zinc	45.5	1	0.32	mg/kg	18.7	29	87	85-119	0.64	20	
Matrix Spike Analyzed: 12/17/2009 (D9L150485002S)						**Source: ISL1323-02**					
Antimony	3.14	0.2	0.014	mg/kg	17.2	0.02	18	82-110	18	82	*N*
Beryllium	16.8	0.1	0.022	mg/kg	17.2	0.49	95	70-136	95	70	
Arsenic	18.2	0.6	0.051	mg/kg	17.2	2.6	91	83-111	91	83	
Cadmium	16.9	0.1	0.0094	mg/kg	17.2	0.64	95	85-109	95	85	
Barium	205	0.2	0.07	mg/kg	17.2	170	204	86-120	204	86	*N, MSB*
Chromium	25.6	0.2	0.076	mg/kg	17.2	9.8	92	87-121	92	87	
Cobalt	22	0.1	0.0066	mg/kg	17.2	6.7	89	91-113	89	91	*N*
Manganese	407	0.25	0.033	mg/kg	17.2	320	478	86-120	478	86	*N, MSB*
Copper	27.1	0.25	0.071	mg/kg	17.2	13	81	87-125	81	87	*N*
Molybdenum	14.2	0.2	0.018	mg/kg	17.2	0.22	81	80-120	81	80	
Lead	24	0.15	0.018	mg/kg	17.2	8.1	92	81-125	92	81	
Nickel	27.6	0.15	0.025	mg/kg	17.2	14	79	90-113	79	90	*N*
Selenium	14.3	0.5	0.13	mg/kg	17.2	0.79	78	78-108	78	78	
Uranium	17.8	0.1	0.0016	mg/kg	17.2	0.73	99	85-123	99	85	
Silver	15.3	0.1	0.02	mg/kg	17.2	0.11	88	83-113	88	83	
Vanadium	43.1	0.5	0.039	mg/kg	17.2	26	98	88-114	98	88	

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Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350053 Extracted: 12/16/09											
Matrix Spike Analyzed: 12/17/2009 (D9L150485002S)						**Source: ISL1323-02**					
Thallium	16	0.1	0.0035	mg/kg	17.2	0.13	92	84-124	92	84	
Zinc	45.2	1	0.32	mg/kg	17.2	29	92	85-119	92	85	
Matrix Spike Dup Analyzed: 12/18/2009 (D9L150485019D)						**Source: ISL1323-19**					
Antimony	2.73	0.2	0.014	mg/kg	19.8	0.034	14	82-110	2.4	20	*N*
Beryllium	19.6	0.1	0.022	mg/kg	19.8	0.51	97	70-136	2	20	
Arsenic	22.7	0.6	0.051	mg/kg	19.8	4	94	83-111	1.6	20	
Cadmium	19.4	0.1	0.0094	mg/kg	19.8	0.73	95	85-109	1.4	20	
Barium	195	0.2	0.07	mg/kg	19.8	170	113	86-120	8.5	20	*MSB*
Chromium	30.2	0.2	0.076	mg/kg	19.8	11	98	87-121	1.6	20	
Cobalt	25.2	0.1	0.0066	mg/kg	19.8	6.7	93	91-113	1.4	20	
Manganese	485	0.25	0.033	mg/kg	19.8	470	57	86-120	15	20	*N, MSB*
Copper	33.2	0.25	0.071	mg/kg	19.8	20	66	87-125	11	20	*N*
Molybdenum	18	0.2	0.018	mg/kg	19.8	0.78	87	80-120	2.6	20	
Lead	35	0.15	0.018	mg/kg	19.8	19	83	81-125	5.9	20	
Nickel	32.3	0.15	0.025	mg/kg	19.8	15	90	90-113	3.5	20	
Selenium	19.4	0.5	0.13	mg/kg	19.8	0.56	95	78-108	2.8	20	
Uranium	21.1	0.1	0.0016	mg/kg	19.8	0.97	102	85-123	2.4	20	
Silver	14.2	0.1	0.02	mg/kg	19.8	0.086	71	83-113	1.4	20	*N*
Vanadium	48.4	0.5	0.039	mg/kg	19.8	27	109	88-114	3.6	20	
Thallium	18.9	0.1	0.0035	mg/kg	19.8	0.24	94	84-124	1.4	20	
Zinc	62.2	1	0.32	mg/kg	19.8	48	73	85-119	3.3	20	*N*
Matrix Spike Analyzed: 12/18/2009 (D9L150485019S)						**Source: ISL1323-19**					
Antimony	2.66	0.2	0.014	mg/kg	19.4	0.034	14	82-110	14	82	*N*
Beryllium	19.2	0.1	0.022	mg/kg	19.4	0.51	96	70-136	96	70	
Arsenic	22.3	0.6	0.051	mg/kg	19.4	4	94	83-111	94	83	
Cadmium	19.2	0.1	0.0094	mg/kg	19.4	0.73	95	85-109	95	85	
Barium	212	0.2	0.07	mg/kg	19.4	170	204	86-120	204	86	*N, MSB*
Chromium	30.7	0.2	0.076	mg/kg	19.4	11	103	87-121	103	87	
Cobalt	25.5	0.1	0.0066	mg/kg	19.4	6.7	97	91-113	97	91	
Manganese	561	0.25	0.033	mg/kg	19.4	470	449	86-120	449	86	*N, MSB*
Copper	37	0.25	0.071	mg/kg	19.4	20	87	87-125	87	87	
Molybdenum	17.6	0.2	0.018	mg/kg	19.4	0.78	86	80-120	86	80	
Lead	37.1	0.15	0.018	mg/kg	19.4	19	95	81-125	95	81	
Nickel	33.4	0.15	0.025	mg/kg	19.4	15	97	90-113	97	90	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350053 Extracted: 12/16/09											
Matrix Spike Analyzed: 12/18/2009 (D9L150485019S)						**Source: ISL1323-19**					
Selenium	18.8	0.5	0.13	mg/kg	19.4	0.56	94	78-108	94	78	
Uranium	20.6	0.1	0.0016	mg/kg	19.4	0.97	101	85-123	101	85	
Silver	14	0.1	0.02	mg/kg	19.4	0.086	72	83-113	72	83	*N*
Vanadium	50.2	0.5	0.039	mg/kg	19.4	27	120	88-114	120	88	*N*
Thallium	18.6	0.1	0.0035	mg/kg	19.4	0.24	95	84-124	95	84	
Zinc	64.3	1	0.32	mg/kg	19.4	48	85	85-119	85	85	
Blank Analyzed: 12/17/2009 (D9L160000053B)						**Source:**					
Antimony	ND	0.2	0.014	mg/kg				-			
Beryllium	ND	0.1	0.022	mg/kg				-			
Arsenic	ND	0.6	0.051	mg/kg				-			
Cadmium	ND	0.1	0.0094	mg/kg				-			
Barium	ND	0.2	0.07	mg/kg				-			
Chromium	ND	0.2	0.076	mg/kg				-			
Cobalt	ND	0.1	0.0066	mg/kg				-			
Manganese	ND	0.25	0.033	mg/kg				-			
Copper	ND	0.25	0.071	mg/kg				-			
Molybdenum	ND	0.2	0.018	mg/kg				-			
Lead	ND	0.15	0.018	mg/kg				-			
Nickel	ND	0.15	0.025	mg/kg				-			
Selenium	ND	0.5	0.13	mg/kg				-			
Uranium	ND	0.1	0.0016	mg/kg				-			
Silver	ND	0.1	0.02	mg/kg				-			
Vanadium	ND	0.5	0.039	mg/kg				-			
Thallium	ND	0.1	0.0035	mg/kg				-			
Zinc	ND	1	0.32	mg/kg				-			
LCS Analyzed: 12/17/2009 (D9L160000053C)						**Source:**					
Antimony	20.2	0.2	0.014	mg/kg	20		101	82-110	101	82	
Beryllium	18.8	0.1	0.022	mg/kg	20		94	70-136	94	70	
Arsenic	19.6	0.6	0.051	mg/kg	20		98	83-111	98	83	
Cadmium	19.6	0.1	0.0094	mg/kg	20		98	85-109	98	85	
Barium	19.8	0.2	0.07	mg/kg	20		99	86-120	99	86	
Chromium	20	0.2	0.076	mg/kg	20		100	87-121	100	87	
Cobalt	20.3	0.1	0.0066	mg/kg	20		101	91-113	101	91	
Manganese	20.1	0.25	0.033	mg/kg	20		101	86-120	101	86	

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Geosyntec Consultants (Henderson)
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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350053 Extracted: 12/16/09											
LCS Analyzed: 12/17/2009 (D9L160000053C)						**Source:**					
Copper	20	0.25	0.071	mg/kg	20		100	87-125	100	87	
Molybdenum	20.3	0.2	0.018	mg/kg	20		101	80-120	101	80	
Lead	20.2	0.15	0.018	mg/kg	20		101	81-125	101	81	
Nickel	20	0.15	0.025	mg/kg	20		100	90-113	100	90	
Selenium	20.9	0.5	0.13	mg/kg	20		105	78-108	105	78	
Uranium	20.5	0.1	0.0016	mg/kg	20		103	85-123	103	85	
Silver	19.6	0.1	0.02	mg/kg	20		98	83-113	98	83	
Vanadium	19.8	0.5	0.039	mg/kg	20		99	88-114	99	88	
Thallium	20	0.1	0.0035	mg/kg	20		100	84-124	100	84	
Zinc	19.7	1	0.32	mg/kg	20		98	85-119	98	85	
Batch: 9350054 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/18/2009 (D9L150500004D)						**Source: D9L150500004**					
Antimony	2.11	0.2	0.014	mg/kg	18.7	0.022	11	82-110	2.6	20	*N*
Beryllium	18.9	0.1	0.022	mg/kg	18.7	0.59	98	70-136	3.4	20	
Arsenic	20	0.6	0.051	mg/kg	18.7	3	91	83-111	3.8	20	
Cadmium	18.3	0.1	0.0094	mg/kg	18.7	0.64	94	85-109	4.2	20	
Barium	211	0.2	0.07	mg/kg	18.7	220	0	86-120	0	20	*N, MSB*
Chromium	31	0.2	0.076	mg/kg	18.7	11	109	87-121	5.9	20	
Cobalt	23.6	0.1	0.0066	mg/kg	18.7	12	63	91-113	5	20	*N*
Manganese	317	0.25	0.033	mg/kg	18.7	470	0	86-120	0	20	*N, MSB*
Copper	30	0.25	0.071	mg/kg	18.7	16	76	87-125	8.3	20	*N*
Molybdenum	14.6	0.2	0.018	mg/kg	18.7	0.19	77	80-120	3.3	20	*N*
Lead	24.7	0.15	0.018	mg/kg	18.7	7.3	93	81-125	4	20	
Nickel	32	0.15	0.025	mg/kg	18.7	16	88	90-113	6.6	20	*N*
Selenium	15.9	0.5	0.13	mg/kg	18.7	0.76	81	78-108	1.6	20	
Uranium	19.4	0.1	0.0016	mg/kg	18.7	0.95	99	85-123	3.6	20	
Silver	15.6	0.1	0.02	mg/kg	18.7	0.066	83	83-113	1.2	20	
Vanadium	49	0.5	0.039	mg/kg	18.7	28	110	88-114	9.5	20	
Thallium	17.6	0.1	0.0035	mg/kg	18.7	0.12	93	84-124	4.2	20	
Zinc	50	1	0.32	mg/kg	18.7	31	100	85-119	8.6	20	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
Matrix Spike Analyzed: 12/18/2009 (D9L150500004S)						**Source: D9L150500004**					
Antimony	2.05	0.2	0.014	mg/kg	17.9	0.022	11	82-110	11	82	*N*
Beryllium	18.3	0.1	0.022	mg/kg	17.9	0.59	99	70-136	99	70	
Arsenic	19.3	0.6	0.051	mg/kg	17.9	3	91	83-111	91	83	
Cadmium	17.5	0.1	0.0094	mg/kg	17.9	0.64	95	85-109	95	85	
Barium	186	0.2	0.07	mg/kg	17.9	220	0	86-120	0	86	*N, MSB*
Chromium	29.2	0.2	0.076	mg/kg	17.9	11	105	87-121	105	87	
Cobalt	22.5	0.1	0.0066	mg/kg	17.9	12	60	91-113	60	91	*N*
Manganese	286	0.25	0.033	mg/kg	17.9	470	0	86-120	0	86	*N, MSB*
Copper	27.6	0.25	0.071	mg/kg	17.9	16	67	87-125	67	87	*N*
Molybdenum	14.1	0.2	0.018	mg/kg	17.9	0.19	78	80-120	78	80	*N*
Lead	23.7	0.15	0.018	mg/kg	17.9	7.3	92	81-125	92	81	
Nickel	30	0.15	0.025	mg/kg	17.9	16	80	90-113	80	90	*N*
Selenium	15.7	0.5	0.13	mg/kg	17.9	0.76	84	78-108	84	78	
Uranium	18.7	0.1	0.0016	mg/kg	17.9	0.95	99	85-123	99	85	
Silver	15.4	0.1	0.02	mg/kg	17.9	0.066	86	83-113	86	83	
Vanadium	44.6	0.5	0.039	mg/kg	17.9	28	90	88-114	90	88	
Thallium	16.9	0.1	0.0035	mg/kg	17.9	0.12	94	84-124	94	84	
Zinc	45.8	1	0.32	mg/kg	17.9	31	81	85-119	81	85	*N*
Matrix Spike Dup Analyzed: 12/18/2009 (D9L150500008D)						**Source: D9L150500008**					
Antimony	2.62	0.2	0.014	mg/kg	19.8	0.022	13	82-110	7.5	20	*N*
Beryllium	20	0.1	0.022	mg/kg	19.8	0.62	98	70-136	4.6	20	
Arsenic	21	0.6	0.051	mg/kg	19.8	3	91	83-111	6.7	20	
Cadmium	19.2	0.1	0.0094	mg/kg	19.8	0.64	94	85-109	3.8	20	
Barium	184	0.2	0.07	mg/kg	19.8	170	53	86-120	17	20	*N, MSB*
Chromium	29.8	0.2	0.076	mg/kg	19.8	12	92	87-121	5.3	20	
Cobalt	24.7	0.1	0.0066	mg/kg	19.8	6.7	91	91-113	4.2	20	
Manganese	352	0.25	0.033	mg/kg	19.8	350	0	86-120	12	20	*N, MSB*
Copper	33	0.25	0.071	mg/kg	19.8	15	93	87-125	5.5	20	
Molybdenum	16.3	0.2	0.018	mg/kg	19.8	0.26	81	80-120	7.4	20	
Lead	30.4	0.15	0.018	mg/kg	19.8	12	90	81-125	2.9	20	
Nickel	33.6	0.15	0.025	mg/kg	19.8	15	97	90-113	9.9	20	
Selenium	17.8	0.5	0.13	mg/kg	19.8	0.67	87	78-108	3.8	20	
Uranium	20.7	0.1	0.0016	mg/kg	19.8	0.81	100	85-123	7.6	20	
Silver	17.3	0.1	0.02	mg/kg	19.8	0.093	87	83-113	5.9	20	
Vanadium	45.2	0.5	0.039	mg/kg	19.8	26	99	88-114	0.68	20	

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
Received: 12/10/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/18/2009 (D9L150500008D)						**Source: D9L150500008**					
Thallium	18.8	0.1	0.0035	mg/kg	19.8	0.13	94	84-124	7.3	20	
Zinc	55.3	1	0.32	mg/kg	19.8	37	93	85-119	1.8	20	
Matrix Spike Analyzed: 12/18/2009 (D9L150500008S)						**Source: D9L150500008**					
Antimony	2.44	0.2	0.014	mg/kg	18.7	0.022	13	82-110	13	82	*N*
Beryllium	19.1	0.1	0.022	mg/kg	18.7	0.62	99	70-136	99	70	
Arsenic	19.6	0.6	0.051	mg/kg	18.7	3	89	83-111	89	83	
Cadmium	18.5	0.1	0.0094	mg/kg	18.7	0.64	96	85-109	96	85	
Barium	218	0.2	0.07	mg/kg	18.7	170	238	86-120	238	86	*N, MSB*
Chromium	28.2	0.2	0.076	mg/kg	18.7	12	89	87-121	89	87	
Cobalt	23.7	0.1	0.0066	mg/kg	18.7	6.7	91	91-113	91	91	
Manganese	396	0.25	0.033	mg/kg	18.7	350	240	86-120	240	86	*N, MSB*
Copper	31.2	0.25	0.071	mg/kg	18.7	15	89	87-125	89	87	
Molybdenum	15.2	0.2	0.018	mg/kg	18.7	0.26	80	80-120	80	80	
Lead	31.3	0.15	0.018	mg/kg	18.7	12	101	81-125	101	81	
Nickel	30.5	0.15	0.025	mg/kg	18.7	15	85	90-113	85	90	*N*
Selenium	17.2	0.5	0.13	mg/kg	18.7	0.67	88	78-108	88	78	
Uranium	19.2	0.1	0.0016	mg/kg	18.7	0.81	98	85-123	98	85	
Silver	16.3	0.1	0.02	mg/kg	18.7	0.093	87	83-113	87	83	
Vanadium	45.5	0.5	0.039	mg/kg	18.7	26	106	88-114	106	88	
Thallium	17.5	0.1	0.0035	mg/kg	18.7	0.13	93	84-124	93	84	
Zinc	54.3	1	0.32	mg/kg	18.7	37	93	85-119	93	85	
Blank Analyzed: 12/18/2009 (D9L160000054B)						**Source:**					
Antimony	0.02	0.2	0.014	mg/kg				-			*Ba*
Beryllium	ND	0.1	0.022	mg/kg				-			
Arsenic	ND	0.6	0.051	mg/kg				-			
Cadmium	ND	0.1	0.0094	mg/kg				-			
Barium	ND	0.2	0.07	mg/kg				-			
Chromium	ND	0.2	0.076	mg/kg				-			
Cobalt	ND	0.1	0.0066	mg/kg				-			
Manganese	ND	0.25	0.033	mg/kg				-			
Copper	ND	0.25	0.071	mg/kg				-			
Molybdenum	ND	0.2	0.018	mg/kg				-			
Lead	ND	0.15	0.018	mg/kg				-			
Nickel	0.033	0.15	0.025	mg/kg				-			*Ba*

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Project Manager

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Attention: Andrew Barnes

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1323

Sampled: 12/09/09
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METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
Blank Analyzed: 12/18/2009 (D9L160000054B)						**Source:**					
Selenium	ND	0.5	0.13	mg/kg				-			
Uranium	ND	0.1	0.0016	mg/kg				-			
Silver	ND	0.1	0.02	mg/kg				-			
Vanadium	ND	0.5	0.039	mg/kg				-			
Thallium	ND	0.1	0.0035	mg/kg				-			
Zinc	ND	1	0.32	mg/kg				-			
LCS Analyzed: 12/18/2009 (D9L160000054C)						**Source:**					
Antimony	19.2	0.2	0.014	mg/kg	20		96	82-110	96	82	
Beryllium	18.8	0.1	0.022	mg/kg	20		94	70-136	94	70	
Arsenic	18.9	0.6	0.051	mg/kg	20		94	83-111	94	83	
Cadmium	19	0.1	0.0094	mg/kg	20		95	85-109	95	85	
Barium	19.4	0.2	0.07	mg/kg	20		97	86-120	97	86	
Chromium	19.1	0.2	0.076	mg/kg	20		96	87-121	96	87	
Cobalt	19.1	0.1	0.0066	mg/kg	20		95	91-113	95	91	
Manganese	19.1	0.25	0.033	mg/kg	20		95	86-120	95	86	
Copper	19.1	0.25	0.071	mg/kg	20		96	87-125	96	87	
Molybdenum	19.1	0.2	0.018	mg/kg	20		95	80-120	95	80	
Lead	19.3	0.15	0.018	mg/kg	20		96	81-125	96	81	
Nickel	18.7	0.15	0.025	mg/kg	20		94	90-113	94	90	
Selenium	18.5	0.5	0.13	mg/kg	20		93	78-108	93	78	
Uranium	19.2	0.1	0.0016	mg/kg	20		96	85-123	96	85	
Silver	19.2	0.1	0.02	mg/kg	20		96	83-113	96	83	
Vanadium	19	0.5	0.039	mg/kg	20		95	88-114	95	88	
Thallium	19.2	0.1	0.0035	mg/kg	20		96	84-124	96	84	
Zinc	18.6	1	0.32	mg/kg	20		93	85-119	93	85	

TestAmerica Irvine

Amy Harris
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/09/09
Huntington Beach, CA 92648	Report Number:	ISL1323	Received: 12/10/09
Attention: Andrew Barnes			

DATA QUALIFIERS AND DEFINITIONS

*****	Relative percent difference (RPD) is outside stated control limits.
B	Analyte was detected in the associated Method Blank.
B-1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
Ba	Estimated result. Result is less than RL and greater than or equal to the IDL.
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
Ja	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MSB	The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.
N	Spike sample recovery is outside control limits.
R-1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
R-2	The RPD exceeded the acceptance limit.
R-3	The RPD exceeded the acceptance limit due to sample matrix effects.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/09/09
Huntington Beach, CA 92648	Report Number:	ISL1323	Received: 12/10/09
Attention: Andrew Barnes			

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
3060A/7199	Soil	X	X
EPA 3545/8081A	Soil	X	
EPA 6010B	Soil	X	X
EPA 6020	Soil	X	X
EPA 7471A	Soil	X	
EPA 8270C	Soil	X	
EPA 9045C	Soil	X	
MS/MSD	Soil		
SM 2580B	Soil	N/A	N/A

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

EMSL - New Jersey - SUB

107 Haddon Ave - Westmont, NJ 08108

Analysis Performed: Asbestos-TEM (Soil)

Samples: ISL1323-23

TestAmerica Denver

4955 Yarrow Street - Arvada, CO 80002

Method Performed: SW846 6020

Samples: ISL1323-01, ISL1323-02, ISL1323-03, ISL1323-04, ISL1323-05, ISL1323-06, ISL1323-07, ISL1323-08, ISL1323-09, ISL1323-10, ISL1323-11, ISL1323-12, ISL1323-13, ISL1323-14, ISL1323-15, ISL1323-16, ISL1323-17, ISL1323-18, ISL1323-19, ISL1323-20, ISL1323-21, ISL1323-22, ISL1323-24

TestAmerica St. Louis

13715 Rider Trail North - Earth City, MO 63045

Method Performed: SW846 6010B

Samples: ISL1323-01, ISL1323-02, ISL1323-03, ISL1323-04, ISL1323-05, ISL1323-06, ISL1323-07, ISL1323-08, ISL1323-09, ISL1323-10, ISL1323-11, ISL1323-12, ISL1323-13, ISL1323-14, ISL1323-15, ISL1323-16, ISL1323-17, ISL1323-18, ISL1323-19, ISL1323-20, ISL1323-21, ISL1323-22, ISL1323-24

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave., #100 Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY

ISL1323

Client Name/Address:
Geosyntec Consultants
2100 Main Street, Suite 150
Huntington Beach, CA 92648

Project / PO Number:
Montrose DCB Warehouse
HW0989

Project Manager:
Scott Rolands

Phone Number:
(714) 969-0800

Sampler:
Kyle Gadley / Andy Simons

Fax Number:
(714) 969-0820

ANALYSIS REQUIRED

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Site Specific Metals*	Chromium VI by EPA 7199	Sulfur by EPA 6010	Pesticides by EPA 8081	Dichlorbenzil by EPA 8270	Asbestos by Elutriator Method	White Phosphorus by 7580M			Special Instructions
SB-3-0.5	soil	4oz. glass jar	2	12/9/09	0830		X	X	X	X	X					*Metals include (Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Tl, V, Zn, U by EPA 6020; Hg by 7470; Ca, Fe, Mg, P, K, Na, Sn by 6010)
SB-3-3					0930		X	X	X	X	X					MS/MSD
SB-12-0.5					0945		X	X	X	X	X					
SB-12-3					1000		X	X	X	X	X					
SB-13-0.5					1015		X	X	X	X	X					
SB-13-3					1035		X	X	X	X	X					
SB-4-0.5					1055		X	X	X	X	X					
SB-4-3					1115		X	X	X	X	X					
~~FB-02~~ FD-02					1120		X	X	X	X	X					
SB-11-0.5					1125		X	X	X	X	X					
SB-11-3					1140		X	X	X	X	X					
SB-14-0.5					~~1305~~ 1250		X	X	X	X	X					
SB-14-3					1350		X	X	X	X	X					
SB-5-0.5					1405		X	X	X	X	X					

L.F. 12-11-09 5:20

Relinquished By	Date/Time:	Received by	Date/Time:
[signature]	12/9/09 1653	[signature]	12/9/09 1653
[signature]	12/9/09 1736		
		Received in Lab by: VuBanh	Date/Time: 12/10/09 13:05 (CS) 4.2

Turnaround Time: (check) #VB9
Same Day ____ 72 Hours ____
24 Hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
Intact ✓ On Ice: 3.8 Custody Seal: ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave., #100 Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY

Client Name/Address:
Geosyntec Consultants
2100 Main Street, Suite 150
Huntington Beach, CA 92648

Project / PO Number:
Montrose DCB Warehouse
HW0989

Project Manager:
Scott Rolands

Phone Number:
(714) 969-0800

Sampler:
Kyle Gadley / Andy Simons

Fax Number:
(714) 969-0820

ANALYSIS REQUIRED

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Site Specific Metals*	Chromium VI by EPA 7199	Sulfur by EPA 6010	Pesticides by EPA 8081	Dichlorbenzil by EPA 8270	Asbestos by Elutriator Method	White Phosphorus by 7580M			Special Instructions
SB-5-3	Soil	4 oz. glass jar	2	12/9/09	1415		X	X	X	X	X					*Metals include (Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Tl, V, Zn, U by EPA 6020; Hg by 7470; Ca, Fe, Mg, P, K, Na, Sn by 6010)
SB-10-0.5					1430		X	X	X	X	X					
FD-03					1435		X	X	X	X	X					
SB-10-3					1450		X	X	X	X	X					
SB-16-0.5					1500		X	X	X	X	X					MS/MSD
SB-16-3					1515		X	X	X	X	X					
SB-15-0.5					1530		X	X	X	X	X					
SB-15-3					1550		X	X	X	X	X					
EB-01			4		1605							X				
EB-02			2		1610		X	X	X	X	X					

Relinquished By	Date/Time:	Received by	Date/Time:
Andy Simons	12/9/09 1653	[signature]	12/9/09 1653
[signature]	12/9/09 1720		

Turnaround Time: (check)
Same Day ____ 72 Hours ____
24 Hours ____ 5 days ____
48 hours ____ normal X

Received in Lab by: Vu Bauer
Date/Time: 12/10/09 13:05
Sample Integrity: (Check)
Intact ✓ On Ice: 3.8 °C Custody Seal: ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

EMSL Analytical, Inc.
107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292
Email: WestmontAsbLab@emsl.com

Attn:	*Amy Harris*	**Customer ID:**	TEST72
	Test America	**Customer PO:**	NA
	17461 Derian Avenue Suite 100	**Received:**	12/11/09 4:05 PM
	Irvine, CA 92614	**EMSL Order:**	091000687
Phone:	949-261-1022	**Date Prepared:**	1/29/2010
Fax:	949-260-3297	**Analysis Date(s):**	2/1/2010
Project:	**Montrose DCTS Warehouse HW0989 /**		12/28/2009
Date Sampled:	**12/11/2009**	**Report Date:**	**2/1/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091000687-0001		Mass of Respirable Dust on Filter:	0.000146	g
Customer Sample Number:	ISL 1323-23 (EB-01-Soil)		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	68	
Magnification used for fiber counting:	19,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	Fcraig	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	0.2	%
>3/8"	0.000	g	Air Flow Rate Through ME opening of Dust Generator	1438.00	ml/min
Not Used <3/8"	284.560	g	Air Flow Rate Through IST opening of Dust Generator	90.00	ml/min
Used in Tumbler <3/8"	67.270	g	Estimated Total Air Flow Through Elutriator	1528.00	ml/min

Analytical Sensitivity: 2.98E+06 Structure/g PM10 Limit of Detection: 8.92E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) Random (67)

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.	Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Poisson 95 % Confidence Interval Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤10um	**CD/ADX**	**0**	**0**	**< 3.39**	**< 8.92E+06**	**NA**	**< 8.92E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	< 3.39	< 8.92E+06	NA	< 8.92E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	< 3.39	< 8.92E+06	NA	< 8.92E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**0**	**< 3.39**	**< 8.92E+06**	**NA**	**< 8.92E+06**
Asbestos Structures >10 um (Chrys)	CD	0	0	< 3.39	< 8.92E+06	NA	< 8.92E+06
Asbestos Structures >10 um (Amph)	ADX	0	0	< 3.39	< 8.92E+06	NA	< 8.92E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**0**	**< 3.39**	**< 8.92E+06**	**NA**	**< 8.92E+06**
Protocol Asbestos Structures(Chrys)	CD	0	0	< 3.39	< 8.92E+06	NA	< 8.92E+06
Protocol Asbestos Structures (Amph)	ADX	0	0	< 3.39	< 8.92E+06	NA	< 8.92E+06
≥ 10 um							
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**				
≤ 10 um							
≤ 10 um							
≤ 10 um							

Asbestiform Amphibole Present: Anthophyllite

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton
Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091000687 -0001
Client Sample ID:	ISL 1323-23 (EB-01-Soil)

Date:	1/29/2010
System:	2
Operator:	AC

Sample Drying:	
Temperature (C):	55
Start Date:	1/27/2010
End Date:	1/28/2010

Sample Weight (g)		Total Dried Sample Weight (g)		
Pre Drying	352.55 g	>3/8"	0 g	
Post Drying	351.83 g	<3/8"	67.27 g	(In Tumbler)
% moisure	0.2	<3/8"	284.56 g	(Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	28-Jan-10	19:45	29-Jan-10	10:20
Tumbling	29-Jan-10	10:20	29-Jan-10	15:00

Tumbling Speed

30	rpm

1438	90	mL/min
ME	IST	

% Moisture from surrogate sample

Pre Dry	g	% Moisture
Post Dry	g	

Reviewed:	SNS
Date:	2/1/2010

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**150**			**Resp.%=**	ME Filter Information
Emission rate	**k=**	**0.0000**			**0.22298**	

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	24.242	24.367	21	0.125	21	5.010	21	5.0098	5.0106
3	ME	24.424	24.545	25	0.246	46	5.009	46	5.0090	5.0106
5	ME	24.246	24.384	31	0.384	77	5.008	77	5.0081	5.0106
6	ME	24.171	24.386	37	0.599	114	5.007	114	5.0066	5.0106
8	ME	24.291	24.477	40	0.785	154	5.005	154	5.0054	5.0106
9	ME	24.239	24.447	40	0.993	194	5.004	194	5.0040	5.0106
10	ME	24.353	24.588	40	1.228	234	5.002	234	5.0024	5.0106
11	ME	24.175	24.432	40	1.485	274	5.001	274	5.0007	5.0106
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Delete Data in any Empty Rows Above

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091000687-0001
Client Sample ID:	ISL 1323-23 (EB-01-Soil)

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
2	IST	25.98	26.126	0.146
4	IST	26.535	26.672	0.137
7	IST	26.159	26.29	0.131
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

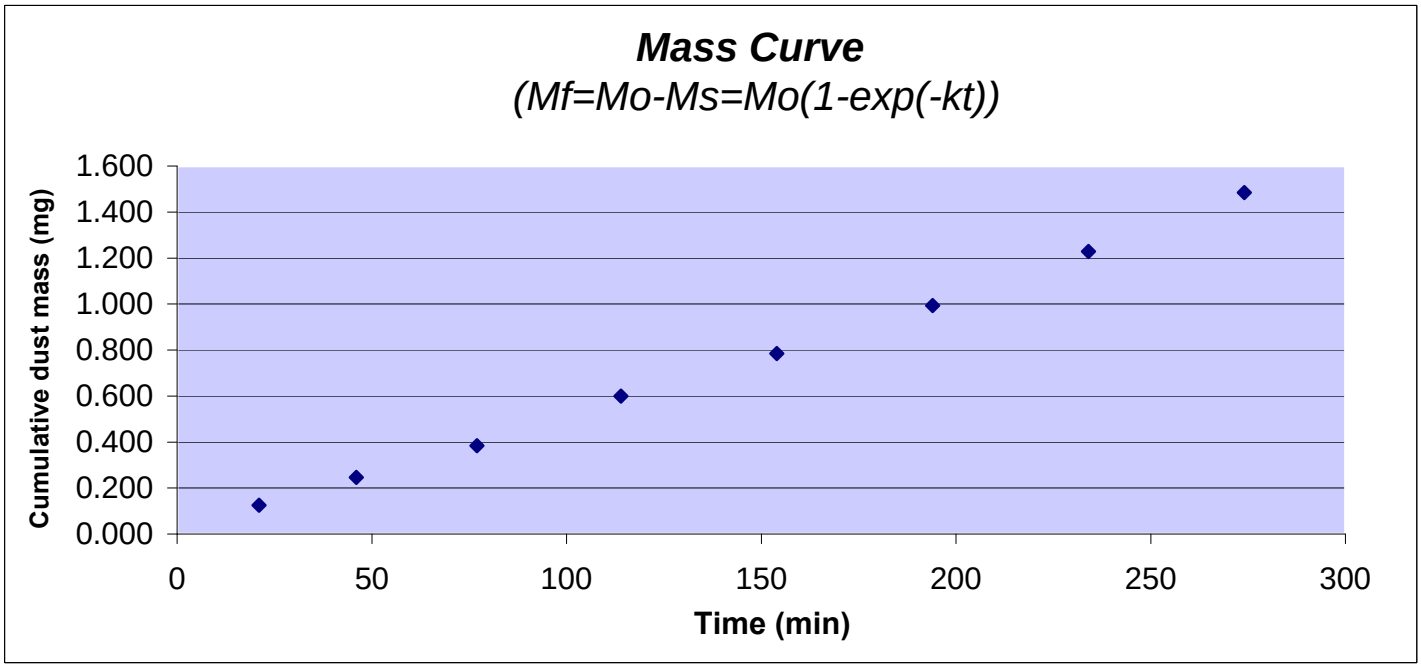
Filters sent to another lab for analysis
2
4

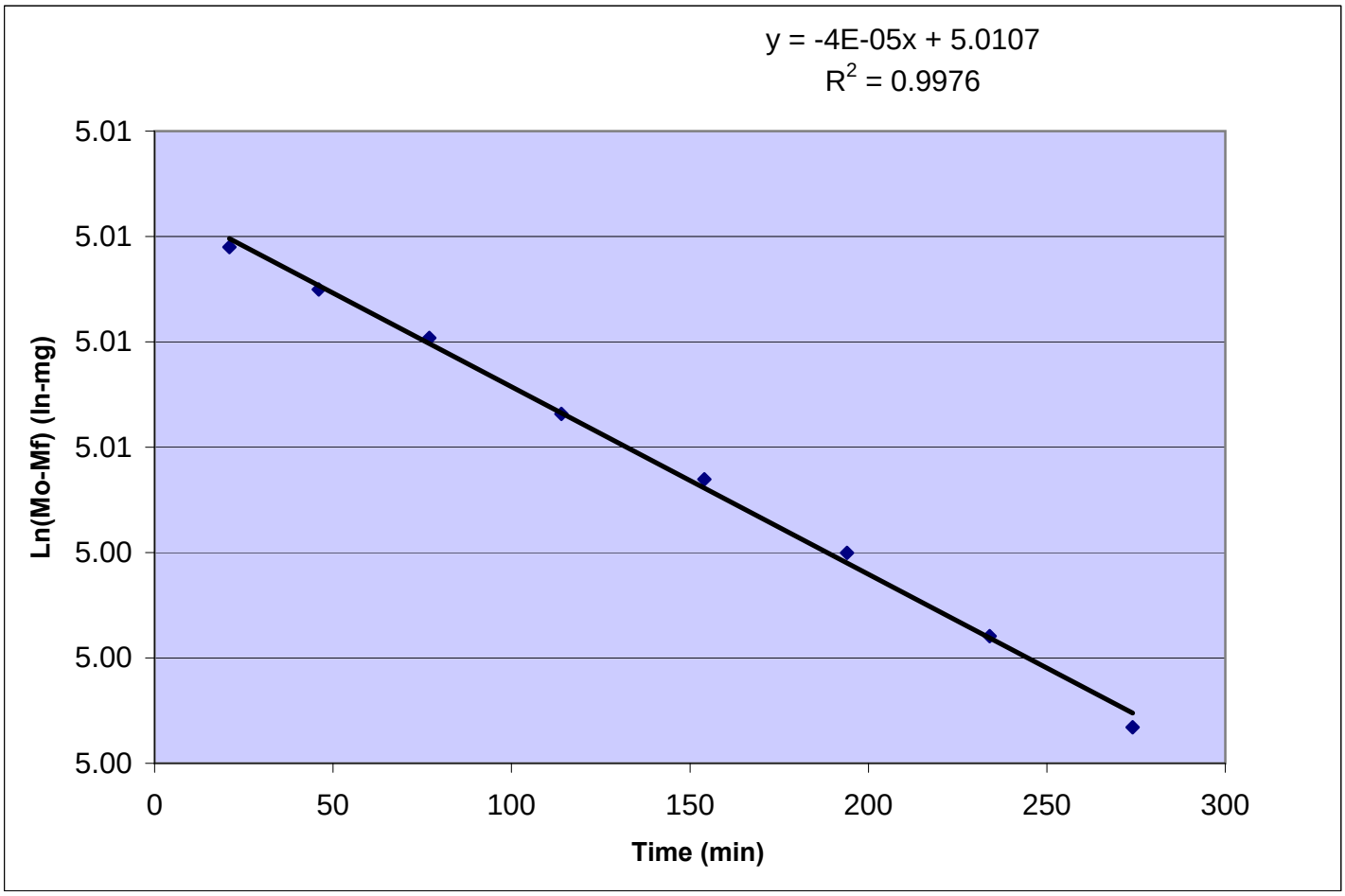
Filter Lot Used	Filter Type:	Pore Size
80310200 AO	MCE	0.2
		microns

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091000687-0001
Client Sample ID:	ISL 1323-23 (EB-01-S





EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris, Test America				
EMSL Sample ID:	091000687-0001	GO area (mm²):	0.013	Scope:	0401
Customer Sample:	ISL 1323-23 (EB-01-Soil)	Grid Box :	0410-Elutriator-1: C	Mag.	19,000
		Pore Size (micron):	0.2	Analyst(s):	Fcraig
Project ID:	/ Montrose DCTS Warehouse HW0989			Analysis Date:	02/01/2010 & 12/28/2009

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
C2	I4	None Detected								
C2	I9	None Detected								
C2	G10	None Detected								
C2	G8	None Detected								
C2	G3	None Detected								
C2	G1	None Detected								
C2	E1	None Detected								
C2	E3	None Detected								
C2	E7	None Detected								
C2	E9	None Detected								
C2	C9	None Detected								
C2	C7	None Detected								
C2	C5	None Detected								
C2	C3	None Detected								
C2	C1	None Detected								
C2	A2	None Detected								
C2	A4	None Detected								
C2	A6	None Detected								
C2	A10	None Detected								
C3	J2	None Detected								
C3	J4	None Detected								
C3	J8	MD11	1		15	2.5	ADX	Anthophyllite	010037D	
C3	J8	MF		1	15	1	ADX	Anthophyllite	010038M	
C3	J6	None Detected								
C3	J10	None Detected								
C3	H9	None Detected								
C3	H7	None Detected								
C3	H5	None Detected								
C3	H3	None Detected								
C3	H1	None Detected								
C3	F3	None Detected								
C3	F5	None Detected								
C3	F7	None Detected								
C3	F9	None Detected								
C3	D9	None Detected								

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091000687-0001
Customer Sample:	ISL 1323-23 (EB-01-Soil)

Analyzed By:	Fcraig
Analysis Date:	02/01/2010 & 12/28/2009

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
C3	D7	None Detected								
C3	D5	None Detected								
C3	D3	None Detected								
C3	D1	None Detected								
C3	B1	None Detected								
C3	B3	None Detected								
C3	B5	None Detected								
C3	B7	None Detected								
C3	B9	None Detected								
C4	I1	None Detected								
C4	I3	None Detected								
C4	I5	None Detected								
C4	I7	None Detected								
C4	I9	None Detected								
C4	G9	None Detected								
C4	G7	None Detected								
C4	G5	None Detected								
C4	G1	None Detected								
C4	E7	None Detected								
C4	E9	None Detected								
C5	C9	None Detected								
C5	F9	None Detected								
C5	F7	None Detected								
C5	F5	None Detected								
C5	F3	None Detected								
C5	F1	None Detected								
C5	H2	None Detected								
C5	H4	None Detected								
C5	H6	None Detected								
C5	H8	None Detected								
C5	H10	None Detected								
C5	J9	None Detected								
C5	J7	None Detected								
C5	J5	None Detected								

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project: Dichlorobenzil Warehouse Area
Henderson NV

Sampled: 12/10/09
Received: 12/11/09
Issued: 01/22/10 16:22

NELAP #01108CA Nevada #CA-72

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody, 1 page, is included and is an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
ISL1574-01	SB-9-0.5	Soil
ISL1574-02	SB-9-3	Soil
ISL1574-03	FD-04	Soil
ISL1574-04	SB-7-0.5	Soil
ISL1574-05	SB-7-3	Soil
ISL1574-06	SB-8-0.5	Soil
ISL1574-07	SB-8-3	Soil
ISL1574-08	SB-6-0.5	Soil
ISL1574-09	SB-6-3	Soil
ISL1574-10	EB-03	Soil

Reviewed By:

Amy Harris

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	0.999	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*69 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*64 %*				
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*63 %*				
Surrogate: Phenol-d6 (35-120%)					*65 %*				
Surrogate: Terphenyl-d14 (40-135%)					*73 %*				
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	0.999	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*46 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*45 %*				
Surrogate: 2-Fluorophenol (25-120%)					*44 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*44 %*				
Surrogate: Phenol-d6 (35-120%)					*44 %*				
Surrogate: Terphenyl-d14 (40-135%)					*50 %*				
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*63 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*60 %*				
Surrogate: 2-Fluorophenol (25-120%)					*58 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*60 %*				
Surrogate: Phenol-d6 (35-120%)					*60 %*				
Surrogate: Terphenyl-d14 (40-135%)					*69 %*				

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Amy Harris
Project Manager

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*72 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*70 %*				
Surrogate: 2-Fluorophenol (25-120%)					*65 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*68 %*				
Surrogate: Phenol-d6 (35-120%)					*68 %*				
Surrogate: Terphenyl-d14 (40-135%)					*77 %*				
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*59 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*56 %*				
Surrogate: 2-Fluorophenol (25-120%)					*50 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*54 %*				
Surrogate: Phenol-d6 (35-120%)					*53 %*				
Surrogate: Terphenyl-d14 (40-135%)					*66 %*				
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*76 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*72 %*				
Surrogate: 2-Fluorophenol (25-120%)					*69 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*72 %*				
Surrogate: Phenol-d6 (35-120%)					*72 %*				
Surrogate: Terphenyl-d14 (40-135%)					*81 %*				

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*70 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*68 %*				
Surrogate: 2-Fluorophenol (25-120%)					*64 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*66 %*				
Surrogate: Phenol-d6 (35-120%)					*67 %*				
Surrogate: Terphenyl-d14 (40-135%)					*73 %*				
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*61 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*63 %*				
Surrogate: 2-Fluorophenol (25-120%)					*57 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*61 %*				
Surrogate: Phenol-d6 (35-120%)					*61 %*				
Surrogate: Terphenyl-d14 (40-135%)					*69 %*				
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	9L18092	100	330	ND	1	12/18/09	12/21/09	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*68 %*				
Surrogate: 2-Fluorophenol (25-120%)					*60 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*63 %*				
Surrogate: Phenol-d6 (35-120%)					*64 %*				
Surrogate: Terphenyl-d14 (40-135%)					*81 %*				

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Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**1.8**	1	12/17/09	12/19/09	J
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	**1.6**	1	12/17/09	12/19/09	J
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**22**	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*97 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				
Sample ID: ISL1574-01RE1 (SB-9-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17015	4.5	15	**95**	3	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*100 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*86 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**9.0**	0.999	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**8.8**	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*79 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*77 %*				

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Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**3.0**	1	12/17/09	12/18/09	J
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**2.2**	1	12/17/09	12/18/09	J
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**7.5**	1	12/17/09	12/18/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/18/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/18/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/18/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/18/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/18/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/18/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/18/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/18/09	
Surrogate: Decachlorobiphenyl (45-120%)					*87 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*86 %*				

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Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*85 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*85 %*				

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**8.9**	0.999	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	0.999	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	0.999	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	0.999	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	0.999	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	0.999	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	0.999	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*88 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*85 %*				

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*63 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*62 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**27**	1	12/17/09	12/19/09	M1, R-1
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**62**	1	12/17/09	12/19/09	M1
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	**4.8**	1	12/17/09	12/19/09	J
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**1.7**	1	12/17/09	12/19/09	J
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*95 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*86 %*				
Sample ID: ISL1574-08RE1 (SB-6-0.5 - Soil)									
Reporting Units: ug/kg									
4,4'-DDE	EPA 3545/8081A	9L17015	15	50	**230**	10	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	15	50	**540**	10	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	15	50	**140**	10	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*104 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*90 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**2.5**	1	12/17/09	12/19/09	J
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**3.7**	1	12/17/09	12/19/09	J
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	**22**	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	**28**	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	**8.6**	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*80 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*80 %*				

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
2,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDD	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDE	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
4,4'-DDT	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Aldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
alpha-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
beta-BHC	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
delta-BHC	EPA 3545/8081A	9L17015	1.5	10	ND	1	12/17/09	12/19/09	
Dieldrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan I	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan II	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endosulfan sulfate	EPA 3545/8081A	9L17015	2.0	10	ND	1	12/17/09	12/19/09	
Endrin	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin aldehyde	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Endrin ketone	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
gamma-BHC (Lindane)	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Heptachlor	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Heptachlor epoxide	EPA 3545/8081A	9L17015	2.0	5.0	ND	1	12/17/09	12/19/09	
Methoxychlor	EPA 3545/8081A	9L17015	1.5	5.0	ND	1	12/17/09	12/19/09	
Chlordane	EPA 3545/8081A	9L17015	10	50	ND	1	12/17/09	12/19/09	
Toxaphene	EPA 3545/8081A	9L17015	50	200	ND	1	12/17/09	12/19/09	
Surrogate: Decachlorobiphenyl (45-120%)					*87 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	430	500	**8800**	100	12/21/09	12/21/09	M-3
Mercury	EPA 7471A	9L21093	0.012	0.020	**0.031**	1	12/21/09	12/21/09	
Calcium	EPA 6010B	9L21081	6.2	15	**23000**	1	12/21/09	12/21/09	B-1, MHA
Iron	EPA 6010B	9L23013	7.4	25	**9500**	4.95	12/23/09	12/23/09	B-1, MHA
Magnesium	EPA 6010B	9L21081	1.0	10	**8400**	1	12/21/09	12/21/09	B-1, MHA
Phosphorus	EPA 6010B	9L21081	2.5	5.0	**900**	1	12/21/09	12/21/09	MHA
Potassium	EPA 6010B	9L21081	19	50	**2700**	1	12/21/09	12/21/09	MHA
Sodium	EPA 6010B	9L21081	24	50	**360**	1	12/21/09	12/21/09	
Tin	EPA 6010B	9L21081	1.3	10	**2.4**	1	12/21/09	12/21/09	J
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	430	500	**8300**	99.5	12/21/09	12/21/09	
Mercury	EPA 7471A	9L21093	0.012	0.020	**0.031**	1	12/21/09	12/21/09	
Calcium	EPA 6010B	9L21081	6.2	15	**50000**	0.995	12/21/09	12/21/09	B-1
Iron	EPA 6010B	9L23013	7.5	25	**11000**	5	12/23/09	12/23/09	B-1
Magnesium	EPA 6010B	9L21081	1.0	10	**10000**	0.995	12/21/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L21081	2.5	5.0	**800**	0.995	12/21/09	12/21/09	
Potassium	EPA 6010B	9L21081	19	50	**2400**	0.995	12/21/09	12/21/09	
Sodium	EPA 6010B	9L21081	24	50	**320**	0.995	12/21/09	12/21/09	
Tin	EPA 6010B	9L21081	1.3	10	**2.1**	0.995	12/21/09	12/21/09	J
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21120	430	500	**9300**	100	12/21/09	12/22/09	M-3
Mercury	EPA 7471A	9L21093	0.012	0.020	**0.041**	1	12/21/09	12/21/09	
Calcium	EPA 6010B	9L21111	6.2	15	**29000**	1	12/21/09	12/21/09	B-1, MHA
Iron	EPA 6010B	9L21111	1.5	5.0	**12000**	1	12/21/09	12/21/09	B-1, MHA
Magnesium	EPA 6010B	9L21111	1.0	10	**7700**	1	12/21/09	12/21/09	B-1, MHA
Phosphorus	EPA 6010B	9L21111	2.5	5.0	**680**	1	12/21/09	12/21/09	MHA
Potassium	EPA 6010B	9L21111	19	50	**1700**	1	12/21/09	12/21/09	MHA
Sodium	EPA 6010B	9L21111	24	50	**450**	1	12/21/09	12/21/09	
Tin	EPA 6010B	9L21111	1.3	10	**2.2**	1	12/21/09	12/21/09	J

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	430	500	**8900**	100	12/21/09	12/21/09	
Mercury	EPA 7471A	9L21093	0.012	0.020	ND	1	12/21/09	12/21/09	
Calcium	EPA 6010B	9L21081	6.2	15	**30000**	1	12/21/09	12/21/09	B-1
Iron	EPA 6010B	9L23013	7.5	25	**11000**	4.98	12/23/09	12/23/09	B-1
Magnesium	EPA 6010B	9L21081	1.0	10	**9800**	1	12/21/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L21081	2.5	5.0	**800**	1	12/21/09	12/21/09	
Potassium	EPA 6010B	9L21081	19	50	**1900**	1	12/21/09	12/21/09	
Sodium	EPA 6010B	9L21081	24	50	**740**	1	12/21/09	12/21/09	
Tin	EPA 6010B	9L21081	1.3	10	**2.1**	1	12/21/09	12/21/09	J
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	430	500	**9700**	99	12/21/09	12/21/09	
Mercury	EPA 7471A	9L21093	0.012	0.020	**0.015**	1	12/21/09	12/21/09	J
Calcium	EPA 6010B	9L21081	6.2	15	**26000**	0.99	12/21/09	12/21/09	B-1
Iron	EPA 6010B	9L23013	7.4	25	**13000**	4.9	12/23/09	12/23/09	B-1
Magnesium	EPA 6010B	9L21081	0.99	9.9	**8400**	0.99	12/21/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L21081	2.5	5.0	**780**	0.99	12/21/09	12/21/09	
Potassium	EPA 6010B	9L21081	19	50	**2700**	0.99	12/21/09	12/21/09	
Sodium	EPA 6010B	9L21081	24	50	**240**	0.99	12/21/09	12/21/09	
Tin	EPA 6010B	9L21081	1.3	9.9	**1.8**	0.99	12/21/09	12/21/09	J
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	430	500	**9700**	99	12/21/09	12/21/09	
Mercury	EPA 7471A	9L21093	0.012	0.020	**0.019**	1	12/21/09	12/21/09	J
Calcium	EPA 6010B	9L21081	6.2	15	**25000**	0.99	12/21/09	12/21/09	B-1
Iron	EPA 6010B	9L23013	7.4	25	**11000**	4.95	12/23/09	12/23/09	B-1
Magnesium	EPA 6010B	9L21081	0.99	9.9	**11000**	0.99	12/21/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L21081	2.5	5.0	**810**	0.99	12/21/09	12/21/09	
Potassium	EPA 6010B	9L21081	19	50	**2500**	0.99	12/21/09	12/21/09	
Sodium	EPA 6010B	9L21081	24	50	**380**	0.99	12/21/09	12/21/09	
Tin	EPA 6010B	9L21081	1.3	9.9	**2.0**	0.99	12/21/09	12/21/09	J

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21120	430	500	**8800**	100	12/21/09	12/22/09	M-3
Mercury	EPA 7471A	9L21094	0.012	0.020	ND	1	12/21/09	12/21/09	
Calcium	EPA 6010B	9L21111	6.2	15	**40000**	1	12/21/09	12/21/09	B-1, MHA
Iron	EPA 6010B	9L21111	1.5	5.0	**12000**	1	12/21/09	12/21/09	B-1, MHA
Magnesium	EPA 6010B	9L21111	1.0	10	**7800**	1	12/21/09	12/21/09	B-1, MHA
Phosphorus	EPA 6010B	9L21111	2.5	5.0	**1200**	1	12/21/09	12/21/09	MHA
Potassium	EPA 6010B	9L21111	19	50	**2300**	1	12/21/09	12/21/09	MHA
Sodium	EPA 6010B	9L21111	24	50	**400**	1	12/21/09	12/21/09	
Tin	EPA 6010B	9L21111	1.3	10	**1.9**	1	12/21/09	12/21/09	J
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	430	500	**9300**	99.5	12/21/09	12/21/09	
Mercury	EPA 7471A	9L21093	0.012	0.020	**0.012**	1	12/21/09	12/21/09	J
Calcium	EPA 6010B	9L21081	6.2	15	**34000**	0.995	12/21/09	12/21/09	B-1
Iron	EPA 6010B	9L23013	7.5	25	**13000**	5	12/23/09	12/23/09	B-1
Magnesium	EPA 6010B	9L21081	1.0	10	**8200**	0.995	12/21/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L21081	2.5	5.0	**760**	0.995	12/21/09	12/21/09	
Potassium	EPA 6010B	9L21081	19	50	**2100**	0.995	12/21/09	12/21/09	
Sodium	EPA 6010B	9L21081	24	50	**360**	0.995	12/21/09	12/21/09	
Tin	EPA 6010B	9L21081	1.3	10	**2.1**	0.995	12/21/09	12/21/09	J
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	9L21082	420	490	**600**	98	12/21/09	12/21/09	
Mercury	EPA 7471A	9L21093	0.012	0.020	ND	1	12/21/09	12/21/09	
Calcium	EPA 6010B	9L21081	6.1	15	**1300**	0.98	12/21/09	12/21/09	B-1
Iron	EPA 6010B	9L23013	7.5	25	**820**	4.98	12/23/09	12/23/09	B-1
Magnesium	EPA 6010B	9L21081	0.98	9.8	**160**	0.98	12/21/09	12/21/09	B-1
Phosphorus	EPA 6010B	9L21081	2.5	4.9	**22**	0.98	12/21/09	12/21/09	
Potassium	EPA 6010B	9L21081	19	49	**150**	0.98	12/21/09	12/21/09	
Sodium	EPA 6010B	9L21081	24	49	**40**	0.98	12/21/09	12/21/09	J
Tin	EPA 6010B	9L21081	1.3	9.8	ND	0.98	12/21/09	12/21/09	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	9L17130	0.12	0.20	ND	1	12/17/09	12/18/09	
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**370**	1	12/16/09	12/16/09	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**360**	1	12/16/09	12/16/09	
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**390**	1	12/16/09	12/16/09	
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L15104	0.10	0.10	**390**	1	12/16/09	12/16/09	
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L16063	0.10	0.10	**400**	1	12/16/09	12/16/09	
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L16063	0.10	0.10	**380**	1	12/16/09	12/16/09	
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L16063	0.10	0.10	**390**	1	12/16/09	12/16/09	
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L16063	0.10	0.10	**380**	1	12/16/09	12/16/09	
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	9L16063	0.10	0.10	**360**	1	12/16/09	12/16/09	
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.72**	1	12/16/09	12/16/09	
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**9.04**	1	12/16/09	12/16/09	

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.25**	1	12/16/09	12/16/09	
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L15102	0.100	0.100	**8.48**	1	12/16/09	12/16/09	
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L16062	0.100	0.100	**8.56**	1	12/16/09	12/16/09	
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L16062	0.100	0.100	**8.62**	1	12/16/09	12/16/09	
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L16062	0.100	0.100	**8.05**	1	12/16/09	12/16/09	
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L16062	0.100	0.100	**8.09**	1	12/16/09	12/16/09	
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	9L16062	0.100	0.100	**8.45**	1	12/16/09	12/16/09	

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SW846 6010B

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**99.7**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**179**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**158**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**323**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**122**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**148**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**229**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**242**	1	12/16/09	12/18/09	B
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	9351065	21.7	500	**194**	1	12/16/09	12/18/09	B

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Amy Harris
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-01 (SB-9-0.5 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.54**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.59**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**9.5**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**330**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.27**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**13**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.85**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**23**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**45**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.02**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3.2**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**190**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**5.8**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**13**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**11**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.71**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.079**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.11**	1	12/16/09	12/18/09	
Sample ID: ISL1574-02 (SB-9-3 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.48**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.58**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**8.8**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**400**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.45**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**14**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.95**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**28**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**28**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.018**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3.8**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**200**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**6.7**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**14**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**7.4**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.84**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.073**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.1**	1	12/16/09	12/18/09	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-04 (SB-7-0.5 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.59**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.64**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**11**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**470**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.19**	1	12/16/09	12/18/09	Ba
Nickel	SW846 6020	9350054	0.025	0.15	**16**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.95**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**28**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**31**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.022**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**220**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**12**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**16**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**7.3**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.76**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.066**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.12**	1	12/16/09	12/18/09	
Sample ID: ISL1574-05 (SB-7-3 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.6**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.7**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**9.1**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**270**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.25**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**14**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.89**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**30**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**28**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.021**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3.4**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**150**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**6.3**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**14**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**6.2**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.52**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.077**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.091**	1	12/16/09	12/18/09	Ba

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-06 (SB-8-0.5 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.6**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.59**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**11**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**350**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.19**	1	12/16/09	12/18/09	Ba
Nickel	SW846 6020	9350054	0.025	0.15	**14**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**1.1**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**27**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**30**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.017**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3.4**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**240**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**7**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**13**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**8.5**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.73**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.078**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.12**	1	12/16/09	12/18/09	
Sample ID: ISL1574-07 (SB-8-3 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.55**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.54**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**10**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**280**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.26**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**14**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**1.1**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**28**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**29**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.014**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3.3**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**160**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**5.9**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**13**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**6.8**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.82**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.076**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.1**	1	12/16/09	12/18/09	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-08 (SB-6-0.5 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.62**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.64**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**12**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**350**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.26**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**15**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.81**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**26**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**37**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.022**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**170**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**6.7**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**15**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**12**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.67**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.093**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.13**	1	12/16/09	12/18/09	
Sample ID: ISL1574-09 (SB-6-3 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.58**	1	12/16/09	12/18/09	
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.69**	1	12/16/09	12/18/09	
Chromium	SW846 6020	9350054	0.076	0.2	**10**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**270**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.24**	1	12/16/09	12/18/09	
Nickel	SW846 6020	9350054	0.025	0.15	**13**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.87**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**27**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**29**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	**0.014**	1	12/16/09	12/18/09	Ba, Ja
Arsenic	SW846 6020	9350054	0.051	0.6	**3.5**	1	12/16/09	12/18/09	
Barium	SW846 6020	9350054	0.07	0.2	**180**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**6.1**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**12**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**8.9**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	**0.77**	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	**0.084**	1	12/16/09	12/18/09	Ba
Thallium	SW846 6020	9350054	0.0035	0.1	**0.12**	1	12/16/09	12/18/09	

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Project Manager

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

SW846 6020

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISL1574-10 (EB-03 - Soil)									
Reporting Units: mg/kg									
Beryllium	SW846 6020	9350054	0.022	0.1	**0.063**	1	12/16/09	12/18/09	Ba
Cadmium	SW846 6020	9350054	0.0094	0.1	**0.026**	1	12/16/09	12/18/09	Ba
Chromium	SW846 6020	9350054	0.076	0.2	**0.34**	1	12/16/09	12/18/09	
Manganese	SW846 6020	9350054	0.033	0.25	**20**	1	12/16/09	12/18/09	
Molybdenum	SW846 6020	9350054	0.018	0.2	**0.023**	1	12/16/09	12/18/09	Ba
Nickel	SW846 6020	9350054	0.025	0.15	**0.19**	1	12/16/09	12/18/09	Ja
Uranium	SW846 6020	9350054	0.0016	0.1	**0.27**	1	12/16/09	12/18/09	
Vanadium	SW846 6020	9350054	0.039	0.5	**1.2**	1	12/16/09	12/18/09	
Zinc	SW846 6020	9350054	0.32	1	**2.8**	1	12/16/09	12/18/09	
Antimony	SW846 6020	9350054	0.014	0.2	ND	1	12/16/09	12/18/09	
Arsenic	SW846 6020	9350054	0.051	0.6	**0.068**	1	12/16/09	12/18/09	Ba
Barium	SW846 6020	9350054	0.07	0.2	**2.3**	1	12/16/09	12/18/09	
Cobalt	SW846 6020	9350054	0.0066	0.1	**0.2**	1	12/16/09	12/18/09	
Copper	SW846 6020	9350054	0.071	0.25	**0.26**	1	12/16/09	12/18/09	
Lead	SW846 6020	9350054	0.018	0.15	**0.44**	1	12/16/09	12/18/09	
Selenium	SW846 6020	9350054	0.13	0.5	ND	1	12/16/09	12/18/09	
Silver	SW846 6020	9350054	0.02	0.1	ND	1	12/16/09	12/18/09	
Thallium	SW846 6020	9350054	0.0035	0.1	**0.014**	1	12/16/09	12/18/09	Ba

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L18092 Extracted: 12/18/09											
Blank Analyzed: 12/21/2009 (9L18092-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	330	100	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*4940*			*ug/kg*	*6670*		*74*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2240*			*ug/kg*	*3330*		*67*	*35-120*			
Surrogate: 2-Fluorophenol	*4370*			*ug/kg*	*6670*		*66*	*25-120*			
Surrogate: Nitrobenzene-d5	*2140*			*ug/kg*	*3330*		*64*	*30-120*			
Surrogate: Phenol-d6	*4330*			*ug/kg*	*6670*		*65*	*35-120*			
Surrogate: Terphenyl-d14	*2480*			*ug/kg*	*3330*		*74*	*40-135*			
LCS Analyzed: 12/21/2009 (9L18092-BS1)											
2,2'-/4,4'-Dichlorobenzil	2520	330	100	ug/kg	3330		76	50-130			
Surrogate: 2,4,6-Tribromophenol	*5270*			*ug/kg*	*6670*		*79*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2360*			*ug/kg*	*3330*		*71*	*35-120*			
Surrogate: 2-Fluorophenol	*4390*			*ug/kg*	*6670*		*66*	*25-120*			
Surrogate: Nitrobenzene-d5	*2210*			*ug/kg*	*3330*		*66*	*30-120*			
Surrogate: Phenol-d6	*4350*			*ug/kg*	*6670*		*65*	*35-120*			
Surrogate: Terphenyl-d14	*2790*			*ug/kg*	*3330*		*84*	*40-135*			
Matrix Spike Analyzed: 12/21/2009 (9L18092-MS1)						**Source: ISL1574-08**					
2,2'-/4,4'-Dichlorobenzil	2450	330	100	ug/kg	3330	ND	74	50-130			
Surrogate: 2,4,6-Tribromophenol	*4810*			*ug/kg*	*6670*		*72*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2390*			*ug/kg*	*3330*		*72*	*35-120*			
Surrogate: 2-Fluorophenol	*4490*			*ug/kg*	*6670*		*67*	*25-120*			
Surrogate: Nitrobenzene-d5	*2250*			*ug/kg*	*3330*		*68*	*30-120*			
Surrogate: Phenol-d6	*4330*			*ug/kg*	*6670*		*65*	*35-120*			
Surrogate: Terphenyl-d14	*2510*			*ug/kg*	*3330*		*75*	*40-135*			
Matrix Spike Dup Analyzed: 12/21/2009 (9L18092-MSD1)						**Source: ISL1574-08**					
2,2'-/4,4'-Dichlorobenzil	2540	330	100	ug/kg	3330	ND	76	50-130	4	30	
Surrogate: 2,4,6-Tribromophenol	*5180*			*ug/kg*	*6670*		*78*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2270*			*ug/kg*	*3330*		*68*	*35-120*			
Surrogate: 2-Fluorophenol	*4350*			*ug/kg*	*6670*		*65*	*25-120*			
Surrogate: Nitrobenzene-d5	*2220*			*ug/kg*	*3330*		*66*	*30-120*			
Surrogate: Phenol-d6	*4530*			*ug/kg*	*6670*		*68*	*35-120*			
Surrogate: Terphenyl-d14	*2620*			*ug/kg*	*3330*		*79*	*40-135*			

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17015-BLK1)											
2,4'-DDD	ND	5.0	1.5	ug/kg							
2,4'-DDE	ND	5.0	1.5	ug/kg							
2,4'-DDT	ND	5.0	1.5	ug/kg							
4,4'-DDD	ND	5.0	1.5	ug/kg							
4,4'-DDE	ND	5.0	1.5	ug/kg							
4,4'-DDT	ND	5.0	1.5	ug/kg							
Aldrin	ND	5.0	1.5	ug/kg							
alpha-BHC	ND	5.0	1.5	ug/kg							
beta-BHC	ND	5.0	1.5	ug/kg							
delta-BHC	ND	10	1.5	ug/kg							
Dieldrin	ND	5.0	1.5	ug/kg							
Endosulfan I	ND	5.0	1.5	ug/kg							
Endosulfan II	ND	5.0	1.5	ug/kg							
Endosulfan sulfate	ND	10	2.0	ug/kg							
Endrin	ND	5.0	1.5	ug/kg							
Endrin aldehyde	ND	5.0	1.5	ug/kg							
Endrin ketone	ND	5.0	2.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	1.5	ug/kg							
Heptachlor	ND	5.0	2.0	ug/kg							
Heptachlor epoxide	ND	5.0	2.0	ug/kg							
Methoxychlor	ND	5.0	1.5	ug/kg							
Chlordane	ND	50	10	ug/kg							
Toxaphene	ND	200	50	ug/kg							
Surrogate: Decachlorobiphenyl	*29.9*			*ug/kg*	*33.3*		*90*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.3*			*ug/kg*	*33.3*		*88*	*35-115*			
LCS Analyzed: 12/18/2009 (9L17015-BS1)											
2,4'-DDD	30.7	5.0	1.5	ug/kg	33.3		92	60-120			
2,4'-DDE	30.2	5.0	1.5	ug/kg	33.3		90	60-120			
2,4'-DDT	32.5	5.0	1.5	ug/kg	33.3		97	65-120			
4,4'-DDD	32.1	5.0	1.5	ug/kg	33.3		96	60-120			
4,4'-DDE	29.8	5.0	1.5	ug/kg	33.3		90	60-120			*M-3*
4,4'-DDT	31.4	5.0	1.5	ug/kg	33.3		94	65-120			*M-3*
Aldrin	30.7	5.0	1.5	ug/kg	33.3		92	50-115			
alpha-BHC	29.1	5.0	1.5	ug/kg	33.3		87	60-115			
beta-BHC	29.3	5.0	1.5	ug/kg	33.3		88	60-115			*M-3*

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Project ID: Dichlorobenzil Warehouse Area
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Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
LCS Analyzed: 12/18/2009 (9L17015-BS1)											
delta-BHC	29.9	10	1.5	ug/kg	33.3		90	60-115			
Dieldrin	30.5	5.0	1.5	ug/kg	33.3		91	65-115			
Endosulfan I	29.7	5.0	1.5	ug/kg	33.3		89	40-120			
Endosulfan II	28.6	5.0	1.5	ug/kg	33.3		86	55-120			
Endosulfan sulfate	30.6	10	2.0	ug/kg	33.3		92	65-115			
Endrin	31.9	5.0	1.5	ug/kg	33.3		96	55-120			
Endrin aldehyde	31.1	5.0	1.5	ug/kg	33.3		93	55-115			
Endrin ketone	30.7	5.0	2.0	ug/kg	33.3		92	65-115			
gamma-BHC (Lindane)	31.3	5.0	1.5	ug/kg	33.3		94	55-115			
Heptachlor	31.1	5.0	2.0	ug/kg	33.3		93	55-115			
Heptachlor epoxide	29.9	5.0	2.0	ug/kg	33.3		90	55-115			
Methoxychlor	31.8	5.0	1.5	ug/kg	33.3		95	65-120			
Surrogate: Decachlorobiphenyl	*30.7*			*ug/kg*	*33.3*		*92*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.8*			*ug/kg*	*33.3*		*89*	*35-115*			
Matrix Spike Analyzed: 12/18/2009 (9L17015-MS1)						**Source: ISL1323-02**					
2,4'-DDD	28.0	15	4.5	ug/kg	33.3	ND	84	40-130			
2,4'-DDE	27.8	15	4.5	ug/kg	33.3	ND	83	35-130			
2,4'-DDT	29.4	15	4.5	ug/kg	33.3	ND	88	35-130			
4,4'-DDD	30.8	15	4.5	ug/kg	33.3	ND	92	40-130			
4,4'-DDE	27.8	15	4.5	ug/kg	33.3	ND	83	35-130			
4,4'-DDT	28.3	15	4.5	ug/kg	33.3	ND	85	35-130			
Aldrin	27.2	15	4.5	ug/kg	33.3	ND	82	40-115			
alpha-BHC	27.3	15	4.5	ug/kg	33.3	ND	82	40-115			
beta-BHC	38.9	15	4.5	ug/kg	33.3	11.7	82	40-120			
delta-BHC	26.6	30	4.5	ug/kg	33.3	ND	80	45-120			*J*
Dieldrin	26.6	15	4.5	ug/kg	33.3	ND	80	40-125			
Endosulfan I	26.7	15	4.5	ug/kg	33.3	ND	80	40-120			
Endosulfan II	22.5	15	4.5	ug/kg	33.3	ND	67	40-125			
Endosulfan sulfate	22.0	30	6.0	ug/kg	33.3	ND	66	45-120			*J*
Endrin	28.2	15	4.5	ug/kg	33.3	ND	85	45-125			
Endrin aldehyde	20.4	15	4.5	ug/kg	33.3	ND	61	30-120			
Endrin ketone	26.4	15	6.0	ug/kg	33.3	ND	79	40-120			
gamma-BHC (Lindane)	28.1	15	4.5	ug/kg	33.3	ND	84	40-120			
Heptachlor	27.9	15	6.0	ug/kg	33.3	ND	84	40-115			
Heptachlor epoxide	27.1	15	6.0	ug/kg	33.3	ND	81	45-115			

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Project Manager

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Analyzed: 12/18/2009 (9L17015-MS1)						**Source: ISL1323-02**					
Methoxychlor	25.1	15	4.5	ug/kg	33.3	ND	75	40-135			
Surrogate: Decachlorobiphenyl	*29.0*			*ug/kg*	*33.3*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.4*			*ug/kg*	*33.3*		*85*	*35-115*			
Matrix Spike Analyzed: 12/19/2009 (9L17015-MS2)						**Source: ISL1574-04**					
2,4'-DDD	29.3	15	4.5	ug/kg	33.3	ND	88	40-130			
2,4'-DDE	28.0	15	4.5	ug/kg	33.3	ND	84	35-130			
2,4'-DDT	30.1	15	4.5	ug/kg	33.3	ND	90	35-130			
4,4'-DDD	31.4	15	4.5	ug/kg	33.3	ND	94	40-130			
4,4'-DDE	29.4	15	4.5	ug/kg	33.3	3.00	79	35-130			
4,4'-DDT	31.4	15	4.5	ug/kg	33.3	2.16	88	35-130			
Aldrin	27.4	15	4.5	ug/kg	33.3	ND	82	40-115			
alpha-BHC	27.3	15	4.5	ug/kg	33.3	ND	82	40-115			
beta-BHC	35.5	15	4.5	ug/kg	33.3	7.46	84	40-120			
delta-BHC	27.7	30	4.5	ug/kg	33.3	ND	83	45-120			*J*
Dieldrin	27.5	15	4.5	ug/kg	33.3	ND	82	40-125			
Endosulfan I	27.1	15	4.5	ug/kg	33.3	ND	81	40-120			
Endosulfan II	25.6	15	4.5	ug/kg	33.3	ND	77	40-125			
Endosulfan sulfate	27.9	30	6.0	ug/kg	33.3	ND	84	45-120			*J*
Endrin	28.8	15	4.5	ug/kg	33.3	ND	86	45-125			
Endrin aldehyde	27.0	15	4.5	ug/kg	33.3	ND	81	30-120			
Endrin ketone	29.2	15	6.0	ug/kg	33.3	ND	88	40-120			
gamma-BHC (Lindane)	28.3	15	4.5	ug/kg	33.3	ND	85	40-120			
Heptachlor	28.4	15	6.0	ug/kg	33.3	ND	85	40-115			
Heptachlor epoxide	27.6	15	6.0	ug/kg	33.3	ND	83	45-115			
Methoxychlor	29.5	15	4.5	ug/kg	33.3	ND	89	40-135			
Surrogate: Decachlorobiphenyl	*29.0*			*ug/kg*	*33.3*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.0*			*ug/kg*	*33.3*		*84*	*35-115*			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Analyzed: 12/19/2009 (9L17015-MS3)						**Source: ISL1574-08**					
2,4'-DDD	32.7	20	6.0	ug/kg	33.3	ND	98	40-130			
2,4'-DDE	61.7	20	6.0	ug/kg	33.3	26.5	106	35-130			
2,4'-DDT	104	20	6.0	ug/kg	33.3	61.6	127	35-130			
4,4'-DDD	41.5	20	6.0	ug/kg	33.3	4.85	110	40-130			
Aldrin	29.7	20	6.0	ug/kg	33.3	ND	89	40-115			
alpha-BHC	30.8	20	6.0	ug/kg	33.3	1.66	87	40-115			
delta-BHC	29.8	40	6.0	ug/kg	33.3	ND	89	45-120			*J*
Dieldrin	32.5	20	6.0	ug/kg	33.3	ND	97	40-125			
Endosulfan I	29.9	20	6.0	ug/kg	33.3	ND	90	40-120			
Endosulfan II	27.0	20	6.0	ug/kg	33.3	ND	81	40-125			
Endosulfan sulfate	33.3	40	8.0	ug/kg	33.3	ND	100	45-120			*J*
Endrin	31.3	20	6.0	ug/kg	33.3	ND	94	45-125			
Endrin aldehyde	30.1	20	6.0	ug/kg	33.3	ND	90	30-120			
Endrin ketone	29.3	20	8.0	ug/kg	33.3	ND	88	40-120			
gamma-BHC (Lindane)	30.7	20	6.0	ug/kg	33.3	ND	92	40-120			
Heptachlor	30.6	20	8.0	ug/kg	33.3	ND	92	40-115			
Heptachlor epoxide	31.0	20	8.0	ug/kg	33.3	ND	93	45-115			
Methoxychlor	31.7	20	6.0	ug/kg	33.3	ND	95	40-135			
Surrogate: Decachlorobiphenyl	*34.6*			*ug/kg*	*33.3*		*104*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*30.0*			*ug/kg*	*33.3*		*90*	*35-115*			
Matrix Spike Dup Analyzed: 12/18/2009 (9L17015-MSD1)						**Source: ISL1323-02**					
2,4'-DDD	27.5	15	4.5	ug/kg	33.3	ND	82	40-130	2	30	
2,4'-DDE	26.2	15	4.5	ug/kg	33.3	ND	79	35-130	6	30	
2,4'-DDT	28.8	15	4.5	ug/kg	33.3	ND	86	35-130	2	30	
4,4'-DDD	29.1	15	4.5	ug/kg	33.3	ND	87	40-130	5	30	
4,4'-DDE	26.5	15	4.5	ug/kg	33.3	ND	80	35-130	5	30	
4,4'-DDT	28.2	15	4.5	ug/kg	33.3	ND	85	35-130	1	30	
Aldrin	26.1	15	4.5	ug/kg	33.3	ND	78	40-115	4	30	
alpha-BHC	26.2	15	4.5	ug/kg	33.3	ND	79	40-115	4	30	
beta-BHC	38.9	15	4.5	ug/kg	33.3	11.7	81	40-120	0	30	
delta-BHC	25.6	30	4.5	ug/kg	33.3	ND	77	45-120	4	30	*J*
Dieldrin	25.5	15	4.5	ug/kg	33.3	ND	77	40-125	4	30	
Endosulfan I	25.6	15	4.5	ug/kg	33.3	ND	77	40-120	4	30	
Endosulfan II	22.2	15	4.5	ug/kg	33.3	ND	67	40-125	1	30	
Endosulfan sulfate	22.0	30	6.0	ug/kg	33.3	ND	66	45-120	0	30	*J*

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Project Manager

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Dup Analyzed: 12/18/2009 (9L17015-MSD1)						**Source: ISL1323-02**					
Endrin	26.9	15	4.5	ug/kg	33.3	ND	81	45-125	5	30	
Endrin aldehyde	20.6	15	4.5	ug/kg	33.3	ND	62	30-120	1	30	
Endrin ketone	24.4	15	6.0	ug/kg	33.3	ND	73	40-120	8	30	
gamma-BHC (Lindane)	26.9	15	4.5	ug/kg	33.3	ND	81	40-120	4	30	
Heptachlor	27.2	15	6.0	ug/kg	33.3	ND	82	40-115	2	30	
Heptachlor epoxide	25.7	15	6.0	ug/kg	33.3	ND	77	45-115	5	30	
Methoxychlor	20.9	15	4.5	ug/kg	33.3	ND	63	40-135	18	30	
Surrogate: Decachlorobiphenyl	*27.9*			*ug/kg*	*33.3*		*84*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*27.2*			*ug/kg*	*33.3*		*81*	*35-115*			
Matrix Spike Dup Analyzed: 12/19/2009 (9L17015-MSD2)						**Source: ISL1574-04**					
2,4'-DDD	29.8	15	4.5	ug/kg	33.3	ND	89	40-130	2	30	
2,4'-DDE	28.5	15	4.5	ug/kg	33.3	ND	85	35-130	2	30	
2,4'-DDT	30.7	15	4.5	ug/kg	33.3	ND	92	35-130	2	30	
4,4'-DDD	31.7	15	4.5	ug/kg	33.3	ND	95	40-130	1	30	
4,4'-DDE	29.7	15	4.5	ug/kg	33.3	3.00	80	35-130	1	30	
4,4'-DDT	31.1	15	4.5	ug/kg	33.3	2.16	87	35-130	1	30	
Aldrin	27.9	15	4.5	ug/kg	33.3	ND	84	40-115	2	30	
alpha-BHC	27.7	15	4.5	ug/kg	33.3	ND	83	40-115	1	30	
beta-BHC	33.6	15	4.5	ug/kg	33.3	7.46	78	40-120	6	30	
delta-BHC	27.8	30	4.5	ug/kg	33.3	ND	84	45-120	1	30	*J*
Dieldrin	27.9	15	4.5	ug/kg	33.3	ND	84	40-125	2	30	
Endosulfan I	27.6	15	4.5	ug/kg	33.3	ND	83	40-120	2	30	
Endosulfan II	25.5	15	4.5	ug/kg	33.3	ND	77	40-125	0	30	
Endosulfan sulfate	26.8	30	6.0	ug/kg	33.3	ND	81	45-120	4	30	*J*
Endrin	29.2	15	4.5	ug/kg	33.3	ND	88	45-125	1	30	
Endrin aldehyde	26.8	15	4.5	ug/kg	33.3	ND	80	30-120	1	30	
Endrin ketone	28.3	15	6.0	ug/kg	33.3	ND	85	40-120	3	30	
gamma-BHC (Lindane)	28.7	15	4.5	ug/kg	33.3	ND	86	40-120	2	30	
Heptachlor	29.1	15	6.0	ug/kg	33.3	ND	87	40-115	2	30	
Heptachlor epoxide	28.0	15	6.0	ug/kg	33.3	ND	84	45-115	1	30	
Methoxychlor	28.3	15	4.5	ug/kg	33.3	ND	85	40-135	4	30	
Surrogate: Decachlorobiphenyl	*29.3*			*ug/kg*	*33.3*		*88*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*27.9*			*ug/kg*	*33.3*		*84*	*35-115*			

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/10/09
Huntington Beach, CA 92648	Report Number:	ISL1574	Received: 12/11/09
Attention: Scott Rowlands			

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17015 Extracted: 12/17/09											
Matrix Spike Dup Analyzed: 12/19/2009 (9L17015-MSD3)						**Source: ISL1574-08**					
2,4'-DDD	29.6	20	6.0	ug/kg	33.3	ND	89	40-130	10	30	
2,4'-DDE	70.8	20	6.0	ug/kg	33.3	26.5	133	35-130	14	30	*M1*
2,4'-DDT	112	20	6.0	ug/kg	33.3	61.6	152	35-130	8	30	*M1*
4,4'-DDD	39.4	20	6.0	ug/kg	33.3	4.85	104	40-130	5	30	
Aldrin	28.5	20	6.0	ug/kg	33.3	ND	85	40-115	4	30	
alpha-BHC	30.5	20	6.0	ug/kg	33.3	1.66	86	40-115	1	30	
delta-BHC	28.6	40	6.0	ug/kg	33.3	ND	86	45-120	4	30	*J*
Dieldrin	34.4	20	6.0	ug/kg	33.3	ND	103	40-125	6	30	
Endosulfan I	28.8	20	6.0	ug/kg	33.3	ND	86	40-120	4	30	
Endosulfan II	26.0	20	6.0	ug/kg	33.3	ND	78	40-125	4	30	
Endosulfan sulfate	36.5	40	8.0	ug/kg	33.3	ND	109	45-120	9	30	*J*
Endrin	29.7	20	6.0	ug/kg	33.3	ND	89	45-125	5	30	
Endrin aldehyde	31.9	20	6.0	ug/kg	33.3	ND	96	30-120	6	30	
Endrin ketone	28.0	20	8.0	ug/kg	33.3	ND	84	40-120	4	30	
gamma-BHC (Lindane)	31.1	20	6.0	ug/kg	33.3	ND	93	40-120	1	30	
Heptachlor	29.1	20	8.0	ug/kg	33.3	ND	87	40-115	5	30	
Heptachlor epoxide	32.0	20	8.0	ug/kg	33.3	ND	96	45-115	3	30	
Methoxychlor	29.5	20	6.0	ug/kg	33.3	ND	89	40-135	7	30	
Surrogate: Decachlorobiphenyl	*33.2*			*ug/kg*	*33.3*		*100*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.9*			*ug/kg*	*33.3*		*87*	*35-115*			

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L21081 Extracted: 12/21/09											
Blank Analyzed: 12/21/2009 (9L21081-BLK1)											
Calcium	10.7	15	6.2	mg/kg							*J*
Magnesium	3.17	10	1.0	mg/kg							*J*
Phosphorus	ND	5.0	2.5	mg/kg							
Potassium	ND	50	19	mg/kg							
Sodium	ND	50	24	mg/kg							
Tin	ND	10	1.3	mg/kg							
LCS Analyzed: 12/21/2009 (9L21081-BS1)											
Calcium	238	15	6.2	mg/kg	250		95	80-120			
Magnesium	233	10	1.0	mg/kg	250		93	80-120			
Phosphorus	45.5	5.0	2.5	mg/kg	50.0		91	80-120			
Potassium	469	50	19	mg/kg	500		94	80-120			
Sodium	477	50	24	mg/kg	500		95	80-120			
Tin	46.3	10	1.3	mg/kg	50.0		93	80-120			
Matrix Spike Analyzed: 12/21/2009-12/22/2009 (9L21081-MS1)					**Source: ISL1574-01**						
Calcium	23300	15	6.2	mg/kg	250	22900	166	75-125			*MHA*
Iron	14200	5.0	1.5	mg/kg	50.0	9500	9300	75-125			
Magnesium	9040	10	1.0	mg/kg	250	8430	243	75-125			*MHA*
Phosphorus	985	5.0	2.5	mg/kg	50.0	903	165	75-125			*MHA*
Potassium	3180	50	19	mg/kg	500	2660	103	75-125			*MHA*
Sodium	807	50	24	mg/kg	500	365	88	75-125			
Tin	44.7	10	1.3	mg/kg	50.0	2.39	85	75-125			
Matrix Spike Dup Analyzed: 12/21/2009-12/22/2009 (9L21081-MSD1)					**Source: ISL1574-01**						
Calcium	23800	15	6.2	mg/kg	250	22900	377	75-125	2	20	*MHA*
Iron	13400	5.0	1.5	mg/kg	50.0	9500	7850	75-125	5	20	
Magnesium	8890	10	1.0	mg/kg	250	8430	186	75-125	2	20	*MHA*
Phosphorus	935	5.0	2.5	mg/kg	50.0	903	65	75-125	5	20	*MHA*
Potassium	3370	50	19	mg/kg	500	2660	142	75-125	6	20	*MHA*
Sodium	841	50	24	mg/kg	500	365	95	75-125	4	20	
Tin	44.5	10	1.3	mg/kg	50.0	2.39	84	75-125	0	20	

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L21082 Extracted: 12/21/09											
Blank Analyzed: 12/21/2009 (9L21082-BLK1)											
Aluminum	ND	5.0	4.3	mg/kg							
LCS Analyzed: 12/21/2009 (9L21082-BS1)											
Aluminum	56.4	5.0	4.3	mg/kg	50.0		113	80-120			*M-3*
Batch: 9L21093 Extracted: 12/21/09											
Blank Analyzed: 12/21/2009 (9L21093-BLK1)											
Mercury	ND	0.020	0.012	mg/kg							
LCS Analyzed: 12/21/2009 (9L21093-BS1)											
Mercury	0.799	0.020	0.012	mg/kg	0.800		100	80-120			
Matrix Spike Analyzed: 12/21/2009 (9L21093-MS1)						**Source: ISL1574-04**					
Mercury	0.801	0.020	0.012	mg/kg	0.800	0.0413	95	70-130			
Matrix Spike Dup Analyzed: 12/21/2009 (9L21093-MSD1)						**Source: ISL1574-04**					
Mercury	0.823	0.020	0.012	mg/kg	0.800	0.0413	98	70-130	3	20	
Batch: 9L21094 Extracted: 12/21/09											
Blank Analyzed: 12/21/2009 (9L21094-BLK1)											
Mercury	ND	0.020	0.012	mg/kg							
LCS Analyzed: 12/21/2009 (9L21094-BS1)											
Mercury	0.795	0.020	0.012	mg/kg	0.800		99	80-120			

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METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L21094 Extracted: 12/21/09											
Matrix Spike Analyzed: 12/21/2009 (9L21094-MS1)						**Source: ISL1574-08**					
Mercury	0.796	0.020	0.012	mg/kg	0.800	ND	100	70-130			
Matrix Spike Dup Analyzed: 12/21/2009 (9L21094-MSD1)						**Source: ISL1574-08**					
Mercury	0.835	0.020	0.012	mg/kg	0.800	ND	104	70-130	5	20	
Batch: 9L21111 Extracted: 12/21/09											
Blank Analyzed: 12/21/2009 (9L21111-BLK1)											
Calcium	11.1	15	6.2	mg/kg							*J*
Iron	4.67	5.0	1.5	mg/kg							*J*
Magnesium	2.86	10	1.0	mg/kg							*J*
Phosphorus	ND	5.0	2.5	mg/kg							
Potassium	ND	50	19	mg/kg							
Sodium	ND	50	24	mg/kg							
Tin	ND	10	1.3	mg/kg							
LCS Analyzed: 12/21/2009 (9L21111-BS1)											
Calcium	273	15	6.2	mg/kg	250		109	80-120			
Iron	55.0	5.0	1.5	mg/kg	50.0		110	80-120			
Magnesium	259	10	1.0	mg/kg	250		104	80-120			
Phosphorus	46.4	5.0	2.5	mg/kg	50.0		93	80-120			
Potassium	505	50	19	mg/kg	500		101	80-120			
Sodium	504	50	24	mg/kg	500		101	80-120			
Tin	49.7	10	1.3	mg/kg	50.0		99	80-120			
Matrix Spike Analyzed: 12/21/2009 (9L21111-MS1)						**Source: ISL1574-04**					
Calcium	28000	15	6.2	mg/kg	250	28600	-261	75-125			*MHA*
Iron	13200	5.0	1.5	mg/kg	50.0	11900	2740	75-125			*MHA*
Magnesium	9150	10	1.0	mg/kg	250	7730	570	75-125			*MHA*
Phosphorus	996	5.0	2.5	mg/kg	50.0	678	635	75-125			*MHA*
Potassium	2510	50	19	mg/kg	500	1690	164	75-125			*MHA*
Sodium	1020	50	24	mg/kg	500	454	114	75-125			
Tin	46.4	10	1.3	mg/kg	50.0	2.21	88	75-125			

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L21111 Extracted: 12/21/09											
Matrix Spike Analyzed: 12/21/2009 (9L21111-MS2)						**Source: ISL1574-08**					
Calcium	27800	15	6.2	mg/kg	250	40300	-4990	75-125			*MHA*
Iron	12300	5.0	1.5	mg/kg	50.0	12100	322	75-125			*MHA*
Magnesium	8330	10	1.0	mg/kg	250	7820	201	75-125			*MHA*
Phosphorus	1010	5.0	2.5	mg/kg	50.0	1170	-321	75-125			*MHA*
Potassium	2970	50	19	mg/kg	500	2300	135	75-125			*MHA*
Sodium	864	50	24	mg/kg	500	404	92	75-125			
Tin	42.5	10	1.3	mg/kg	50.0	1.91	81	75-125			
Matrix Spike Dup Analyzed: 12/21/2009 (9L21111-MSD1)						**Source: ISL1574-04**					
Calcium	34600	15	6.2	mg/kg	249	28600	2400	75-125	21	20	*MHA*
Iron	15000	5.0	1.5	mg/kg	49.8	11900	6270	75-125	12	20	*MHA*
Magnesium	9350	10	1.0	mg/kg	249	7730	654	75-125	2	20	*MHA*
Phosphorus	877	5.0	2.5	mg/kg	49.8	678	399	75-125	13	20	*MHA*
Potassium	2730	50	19	mg/kg	498	1690	209	75-125	8	20	*MHA*
Sodium	1030	50	24	mg/kg	498	454	117	75-125	1	20	
Tin	44.7	10	1.3	mg/kg	49.8	2.21	85	75-125	4	20	
Matrix Spike Dup Analyzed: 12/21/2009 (9L21111-MSD2)						**Source: ISL1574-08**					
Calcium	28100	15	6.2	mg/kg	250	40300	-4860	75-125	1	20	*MHA*
Iron	12800	5.0	1.5	mg/kg	50.0	12100	1320	75-125	4	20	*MHA*
Magnesium	8670	10	1.0	mg/kg	250	7820	340	75-125	4	20	*MHA*
Phosphorus	987	5.0	2.5	mg/kg	50.0	1170	-364	75-125	2	20	*MHA*
Potassium	3190	50	19	mg/kg	500	2300	179	75-125	7	20	*MHA*
Sodium	944	50	24	mg/kg	500	404	108	75-125	9	20	
Tin	45.1	10	1.3	mg/kg	50.0	1.91	86	75-125	6	20	
Batch: 9L21120 Extracted: 12/21/09											
Blank Analyzed: 12/22/2009 (9L21120-BLK1)											
Aluminum	ND	5.0	4.3	mg/kg							

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/10/09
Huntington Beach, CA 92648	Report Number:	ISL1574	Received: 12/11/09
Attention: Scott Rowlands			

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L21120 Extracted: 12/21/09											
LCS Analyzed: 12/22/2009 (9L21120-BS1)											
Aluminum	60.2	5.0	4.3	mg/kg	50.0		120	80-120			*M-3*
Batch: 9L23013 Extracted: 12/23/09											
Blank Analyzed: 12/23/2009 (9L23013-BLK1)											
Iron	8.49	5.0	1.5	mg/kg							*B*
LCS Analyzed: 12/23/2009 (9L23013-BS1)											
Iron	54.7	5.0	1.5	mg/kg	50.0		109	80-120			
Matrix Spike Analyzed: 12/23/2009 (9L23013-MS1)						**Source: ISL1574-01**					
Iron	7770	25	7.5	mg/kg	50.0	9500	-3460	75-125			*MHA*
Matrix Spike Dup Analyzed: 12/23/2009 (9L23013-MSD1)						**Source: ISL1574-01**					
Iron	8500	25	7.5	mg/kg	50.0	9500	-2010	75-125	9	20	*MHA*

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Henderson NV
Report Number: ISL1574

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INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L15102 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L15102-DUP1)						**Source: ISL1323-15**					
pH	8.37	0.100	0.100	pH Units		8.27			1	5	
Duplicate Analyzed: 12/16/2009 (9L15102-DUP2)						**Source: ISL1574-01**					
pH	8.80	0.100	0.100	pH Units		8.72			1	5	
Batch: 9L15104 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L15104-DUP1)						**Source: ISL1323-15**					
Redox Potential (Eh)	449	0.10	0.10	mV		450			0	5	
Duplicate Analyzed: 12/16/2009 (9L15104-DUP2)						**Source: ISL1574-01**					
Redox Potential (Eh)	368	0.10	0.10	mV		369			0	5	
Batch: 9L16062 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L16062-DUP1)						**Source: ISL1574-08**					
pH	8.04	0.100	0.100	pH Units		8.05			0	5	
Duplicate Analyzed: 12/16/2009 (9L16062-DUP2)						**Source: ISL1574-10**					
pH	8.43	0.100	0.100	pH Units		8.45			0	5	
Batch: 9L16063 Extracted: 12/16/09											
Duplicate Analyzed: 12/16/2009 (9L16063-DUP1)						**Source: ISL1574-08**					
Redox Potential (Eh)	393	0.10	0.10	mV		391			1	5	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17130 Extracted: 12/17/09											
Blank Analyzed: 12/18/2009 (9L17130-BLK1)											
Chromium VI	ND	0.20	0.12	mg/kg							
LCS Analyzed: 12/18/2009 (9L17130-BS1)											
Chromium VI	15.3	0.20	0.12	mg/kg	16.0		96	65-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS1)						**Source: ISL1323-19**					
Chromium VI	14.5	0.20	0.12	mg/kg	16.0	ND	91	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS2)						**Source: ISL1574-04**					
Chromium VI	14.3	0.20	0.12	mg/kg	16.0	ND	89	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS3)						**Source: ISL1574-08**					
Chromium VI	14.0	0.20	0.12	mg/kg	16.0	ND	87	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS4)						**Source: ISL1323-19**					
Chromium VI	1180	20	12	mg/kg	1300	ND	91	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS5)						**Source: ISL1574-04**					
Chromium VI	1210	20	12	mg/kg	1400	ND	86	55-110			
Matrix Spike Analyzed: 12/18/2009 (9L17130-MS6)						**Source: ISL1574-08**					
Chromium VI	1180	20	12	mg/kg	1380	ND	86	55-110			
Matrix Spike Dup Analyzed: 12/18/2009 (9L17130-MSD1)						**Source: ISL1323-19**					
Chromium VI	15.0	0.20	0.12	mg/kg	16.0	ND	93	55-110	3	20	
Matrix Spike Dup Analyzed: 12/18/2009 (9L17130-MSD2)						**Source: ISL1574-04**					
Chromium VI	14.1	0.20	0.12	mg/kg	16.0	ND	88	55-110	2	20	

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Amy Harris
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/10/09
Huntington Beach, CA 92648	Report Number:	ISL1574	Received: 12/11/09
Attention: Scott Rowlands			

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9L17130 Extracted: 12/17/09											
Matrix Spike Dup Analyzed: 12/18/2009 (9L17130-MSD3)						**Source: ISL1574-08**					
Chromium VI	14.5	0.20	0.12	mg/kg	16.0	ND	90	55-110	4	20	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

SW846 6010B

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9351065 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/18/2009 (F9L150501004D)						**Source: ISL1574-04**					
Sulfur	1100	500	21.7	mg/kg	1000	158	94	75-125	5	30	
Matrix Spike Analyzed: 12/18/2009 (F9L150501004S)						**Source: ISL1574-04**					
Sulfur	1160	500	21.7	mg/kg	1000	158	100	75-125	5	30	
Matrix Spike Dup Analyzed: 12/18/2009 (F9L150501008D)						**Source: ISL1574-08**					
Sulfur	1220	500	21.7	mg/kg	1000	229	99	75-125	2	30	
Matrix Spike Analyzed: 12/18/2009 (F9L150501008S)						**Source: ISL1574-08**					
Sulfur	1200	500	21.7	mg/kg	1000	229	97	75-125	2	30	
Blank Analyzed: 12/18/2009 (F9L170000065B)						**Source:**					
Sulfur	ND	500	21.7	mg/kg				-			
LCS Analyzed: 12/18/2009 (F9L170000065C)						**Source:**					
Sulfur	1050	500	21.7	mg/kg	1000		105	80-120			

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
Matrix Spike Dup Analyzed: 12/18/2009 (D9L150500004D)						**Source: ISL1574-04**					
Beryllium	18.9	0.1	0.022	mg/kg	18.7	0.59	98	70-136	3	20	
Cadmium	18.3	0.1	0.0094	mg/kg	18.7	0.64	94	85-109	4	20	
Chromium	31	0.2	0.076	mg/kg	18.7	11	109	87-121	6	20	
Manganese	317	0.25	0.033	mg/kg	18.7	470	0	86-120	0	20	*N, MSB*
Molybdenum	14.6	0.2	0.018	mg/kg	18.7	0.19	77	80-120	3	20	*N*
Nickel	32	0.15	0.025	mg/kg	18.7	16	88	90-113	7	20	*N*
Uranium	19.4	0.1	0.0016	mg/kg	18.7	0.95	99	85-123	4	20	
Vanadium	49	0.5	0.039	mg/kg	18.7	28	110	88-114	10	20	
Zinc	50	1	0.32	mg/kg	18.7	31	100	85-119	9	20	
Antimony	2.11	0.2	0.014	mg/kg	18.7	0.022	11	82-110	3	20	*N*
Arsenic	20	0.6	0.051	mg/kg	18.7	3	91	83-111	4	20	
Barium	211	0.2	0.07	mg/kg	18.7	220	0	86-120	0	20	*N, MSB*
Cobalt	23.6	0.1	0.0066	mg/kg	18.7	12	63	91-113	5	20	*N*
Copper	30	0.25	0.071	mg/kg	18.7	16	76	87-125	8	20	*N*
Lead	24.7	0.15	0.018	mg/kg	18.7	7.3	93	81-125	4	20	
Selenium	15.9	0.5	0.13	mg/kg	18.7	0.76	81	78-108	2	20	
Silver	15.6	0.1	0.02	mg/kg	18.7	0.066	83	83-113	1	20	
Thallium	17.6	0.1	0.0035	mg/kg	18.7	0.12	93	84-124	4	20	
Matrix Spike Analyzed: 12/18/2009 (D9L150500004S)						**Source: ISL1574-04**					
Beryllium	18.3	0.1	0.022	mg/kg	17.9	0.59	99	70-136	99	70	
Cadmium	17.5	0.1	0.0094	mg/kg	17.9	0.64	95	85-109	95	85	
Chromium	29.2	0.2	0.076	mg/kg	17.9	11	105	87-121	105	87	
Manganese	286	0.25	0.033	mg/kg	17.9	470	0	86-120	0	86	*N, MSB*
Molybdenum	14.1	0.2	0.018	mg/kg	17.9	0.19	78	80-120	78	80	*N*
Nickel	30	0.15	0.025	mg/kg	17.9	16	80	90-113	80	90	*N*
Uranium	18.7	0.1	0.0016	mg/kg	17.9	0.95	99	85-123	99	85	
Vanadium	44.6	0.5	0.039	mg/kg	17.9	28	90	88-114	90	88	
Zinc	45.8	1	0.32	mg/kg	17.9	31	81	85-119	81	85	*N*
Antimony	2.05	0.2	0.014	mg/kg	17.9	0.022	11	82-110	11	82	*N*
Arsenic	19.3	0.6	0.051	mg/kg	17.9	3	91	83-111	91	83	
Barium	186	0.2	0.07	mg/kg	17.9	220	0	86-120	0	86	*N, MSB*
Cobalt	22.5	0.1	0.0066	mg/kg	17.9	12	60	91-113	60	91	*N*
Copper	27.6	0.25	0.071	mg/kg	17.9	16	67	87-125	67	87	*N*
Lead	23.7	0.15	0.018	mg/kg	17.9	7.3	92	81-125	92	81	
Selenium	15.7	0.5	0.13	mg/kg	17.9	0.76	84	78-108	84	78	

TestAmerica Irvine

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
Matrix Spike Analyzed: 12/18/2009 (D9L150500004S)						**Source: ISL1574-04**					
Silver	15.4	0.1	0.02	mg/kg	17.9	0.066	86	83-113	86	83	
Thallium	16.9	0.1	0.0035	mg/kg	17.9	0.12	94	84-124	94	84	
Matrix Spike Dup Analyzed: 12/18/2009 (D9L150500008D)						**Source: ISL1574-08**					
Beryllium	20	0.1	0.022	mg/kg	19.8	0.62	98	70-136	5	20	
Cadmium	19.2	0.1	0.0094	mg/kg	19.8	0.64	94	85-109	4	20	
Chromium	29.8	0.2	0.076	mg/kg	19.8	12	92	87-121	5	20	
Manganese	352	0.25	0.033	mg/kg	19.8	350	0	86-120	12	20	*N, MSB*
Molybdenum	16.3	0.2	0.018	mg/kg	19.8	0.26	81	80-120	7	20	
Nickel	33.6	0.15	0.025	mg/kg	19.8	15	97	90-113	10	20	
Uranium	20.7	0.1	0.0016	mg/kg	19.8	0.81	100	85-123	8	20	
Vanadium	45.2	0.5	0.039	mg/kg	19.8	26	99	88-114	1	20	
Zinc	55.3	1	0.32	mg/kg	19.8	37	93	85-119	2	20	
Antimony	2.62	0.2	0.014	mg/kg	19.8	0.022	13	82-110	8	20	*N*
Arsenic	21	0.6	0.051	mg/kg	19.8	3	91	83-111	7	20	
Barium	184	0.2	0.07	mg/kg	19.8	170	53	86-120	17	20	*N, MSB*
Cobalt	24.7	0.1	0.0066	mg/kg	19.8	6.7	91	91-113	4	20	
Copper	33	0.25	0.071	mg/kg	19.8	15	93	87-125	6	20	
Lead	30.4	0.15	0.018	mg/kg	19.8	12	90	81-125	3	20	
Selenium	17.8	0.5	0.13	mg/kg	19.8	0.67	87	78-108	4	20	
Silver	17.3	0.1	0.02	mg/kg	19.8	0.093	87	83-113	6	20	
Thallium	18.8	0.1	0.0035	mg/kg	19.8	0.13	94	84-124	7	20	
Matrix Spike Analyzed: 12/18/2009 (D9L150500008S)						**Source: ISL1574-08**					
Beryllium	19.1	0.1	0.022	mg/kg	18.7	0.62	99	70-136	99	70	
Cadmium	18.5	0.1	0.0094	mg/kg	18.7	0.64	96	85-109	96	85	
Chromium	28.2	0.2	0.076	mg/kg	18.7	12	89	87-121	89	87	
Manganese	396	0.25	0.033	mg/kg	18.7	350	240	86-120	240	86	*N, MSB*
Molybdenum	15.2	0.2	0.018	mg/kg	18.7	0.26	80	80-120	80	80	
Nickel	30.5	0.15	0.025	mg/kg	18.7	15	85	90-113	85	90	*N*
Uranium	19.2	0.1	0.0016	mg/kg	18.7	0.81	98	85-123	98	85	
Vanadium	45.5	0.5	0.039	mg/kg	18.7	26	106	88-114	106	88	
Zinc	54.3	1	0.32	mg/kg	18.7	37	93	85-119	93	85	
Antimony	2.44	0.2	0.014	mg/kg	18.7	0.022	13	82-110	13	82	*N*
Arsenic	19.6	0.6	0.051	mg/kg	18.7	3	89	83-111	89	83	
Barium	218	0.2	0.07	mg/kg	18.7	170	238	86-120	238	86	*N, MSB*

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ISL1574

Sampled: 12/10/09
Received: 12/11/09

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
Matrix Spike Analyzed: 12/18/2009 (D9L150500008S)						**Source: ISL1574-08**					
Cobalt	23.7	0.1	0.0066	mg/kg	18.7	6.7	91	91-113	91	91	
Copper	31.2	0.25	0.071	mg/kg	18.7	15	89	87-125	89	87	
Lead	31.3	0.15	0.018	mg/kg	18.7	12	101	81-125	101	81	
Selenium	17.2	0.5	0.13	mg/kg	18.7	0.67	88	78-108	88	78	
Silver	16.3	0.1	0.02	mg/kg	18.7	0.093	87	83-113	87	83	
Thallium	17.5	0.1	0.0035	mg/kg	18.7	0.13	93	84-124	93	84	
Blank Analyzed: 12/18/2009 (D9L160000054B)						**Source:**					
Beryllium	ND	0.1	0.022	mg/kg				-			
Cadmium	ND	0.1	0.0094	mg/kg				-			
Chromium	ND	0.2	0.076	mg/kg				-			
Manganese	ND	0.25	0.033	mg/kg				-			
Molybdenum	ND	0.2	0.018	mg/kg				-			
Nickel	0.033	0.15	0.025	mg/kg				-			*Ba*
Uranium	ND	0.1	0.0016	mg/kg				-			
Vanadium	ND	0.5	0.039	mg/kg				-			
Zinc	ND	1	0.32	mg/kg				-			
Antimony	0.02	0.2	0.014	mg/kg				-			*Ba*
Arsenic	ND	0.6	0.051	mg/kg				-			
Barium	ND	0.2	0.07	mg/kg				-			
Cobalt	ND	0.1	0.0066	mg/kg				-			
Copper	ND	0.25	0.071	mg/kg				-			
Lead	ND	0.15	0.018	mg/kg				-			
Selenium	ND	0.5	0.13	mg/kg				-			
Silver	ND	0.1	0.02	mg/kg				-			
Thallium	ND	0.1	0.0035	mg/kg				-			
LCS Analyzed: 12/18/2009 (D9L160000054C)						**Source:**					
Beryllium	18.8	0.1	0.022	mg/kg	20		94	70-136	94	70	
Cadmium	19	0.1	0.0094	mg/kg	20		95	85-109	95	85	
Chromium	19.1	0.2	0.076	mg/kg	20		96	87-121	96	87	
Manganese	19.1	0.25	0.033	mg/kg	20		95	86-120	95	86	
Molybdenum	19.1	0.2	0.018	mg/kg	20		95	80-120	95	80	
Nickel	18.7	0.15	0.025	mg/kg	20		94	90-113	94	90	
Uranium	19.2	0.1	0.0016	mg/kg	20		96	85-123	96	85	
Vanadium	19	0.5	0.039	mg/kg	20		95	88-114	95	88	

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/10/09
Huntington Beach, CA 92648	Report Number:	ISL1574	Received: 12/11/09
Attention: Scott Rowlands			

METHOD BLANK/QC DATA

SW846 6020

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9350054 Extracted: 12/16/09											
LCS Analyzed: 12/18/2009 (D9L160000054C)						**Source:**					
Zinc	18.6	1	0.32	mg/kg	20		93	85-119	93	85	
Antimony	19.2	0.2	0.014	mg/kg	20		96	82-110	96	82	
Arsenic	18.9	0.6	0.051	mg/kg	20		94	83-111	94	83	
Barium	19.4	0.2	0.07	mg/kg	20		97	86-120	97	86	
Cobalt	19.1	0.1	0.0066	mg/kg	20		95	91-113	95	91	
Copper	19.1	0.25	0.071	mg/kg	20		96	87-125	96	87	
Lead	19.3	0.15	0.018	mg/kg	20		96	81-125	96	81	
Selenium	18.5	0.5	0.13	mg/kg	20		93	78-108	93	78	
Silver	19.2	0.1	0.02	mg/kg	20		96	83-113	96	83	
Thallium	19.2	0.1	0.0035	mg/kg	20		96	84-124	96	84	

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2100 Main Street, Suite 150		Henderson NV	Sampled: 12/10/09
Huntington Beach, CA 92648	Report Number:	ISL1574	Received: 12/11/09
Attention: Scott Rowlands			

DATA QUALIFIERS AND DEFINITIONS

B	Estimated result. Result is less than RL.
B-1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
Ba	Estimated result. Result is less than RL and greater than or equal to the IDL.
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
Ja	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MSB	The recovery and RPD may be outside control limits because the sample amount was greater than 4X the spike amount.
N	Spike sample recovery is outside control limits.
R-1	The RPD between the primary and confirmatory analysis exceeded 40%. Per method 8000B, the higher value was reported.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 12/10/09
Huntington Beach, CA 92648	Report Number:	ISL1574	Received: 12/11/09
Attention: Scott Rowlands			

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
3060A/7199	Soil	X	X
EPA 3545/8081A	Soil	X	
EPA 6010B	Soil	X	X
EPA 6020	Soil	X	X
EPA 7471A	Soil	X	
EPA 8270C	Soil	X	
EPA 9045C	Soil	X	
MS/MSD	Soil		
SM 2580B	Soil	N/A	N/A

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

TestAmerica Denver

4955 Yarrow Street - Arvada, CO 80002

Method Performed: SW846 6020

Samples: ISL1574-01, ISL1574-02, ISL1574-04, ISL1574-05, ISL1574-06, ISL1574-07, ISL1574-08, ISL1574-09, ISL1574-10

TestAmerica St. Louis

13715 Rider Trail North - Earth City, MO 63045

Method Performed: SW846 6010B

Samples: ISL1574-01, ISL1574-02, ISL1574-04, ISL1574-05, ISL1574-06, ISL1574-07, ISL1574-08, ISL1574-09, ISL1574-10

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THE LEADER IN ENVIRONMENTAL TESTING

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY

JSL1574

Client Name/Address:
Geosyntec Consultants
2100 Main Street, Suite 150
Huntington Beach, CA 92648

Project / PO Number:
Montrose DCB Warehouse
HW0989

Project Manager:
Scott Rolands

Phone Number:
(714) 969-0800

Sampler:
Kyle Galley / Andy Simon

Fax Number:
(714) 969-0820

ANALYSIS REQUIRED

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Site Specific Metals*	Chromium VI by EPA 7199	Sulfur by EPA 6010	Pesticides by EPA 8081	Dichlorbenzil by EPA 8270	Asbestos by Elutriator Method	White Phosphorus by 7580M			Special Instructions
SB-9-0.5	Soil	4 oz glass jar	2	12/10/09	0800		X	X	X	X	X					*Metals include (Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Tl, V, Zn, U by EPA 6020; Hg by 7470; Ca, Fe, Mg, P, K, Na, Sn by 6010)
SB-9-3					0820		X	X	X	X	X					
FD-04					0825		X	X	X	X	X					On hold
SB-7-0.5					0830		X	X	X	X	X					MS/MSD
SB-7-3					0905		X	X	X	X	X					
SB-8-0.5					0915		X	X	X	X	X					
SB-8-3					0940		X	X	X	X	X					
SB-6-0.5					0955		X	X	X	X	X					MS/MSD
SB-6-3					1020		X	X	X	X	X					
EB-03					1030		X	X	X	X	X					

L.F.
12-14-09
7:20

Relinquished By	Date/Time	Received by	Date/Time
Andy Simon	12/10/09 / 1145	[signature]	12/10/09 1145
[signature]	12/10/09 1600		
		Received in Lab by	Date/Time
		VuBanh	12/11/09 12:00

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X

Sample Integrity: (Check)
Intact ✓ On Ice: ✓ (5.5°C) Custody Seal: ✓

#V09

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project: Dichlorobenzil Warehouse Area
Henderson NV

Sampled: 02/25/10
Received: 02/26/10
Issued: 03/17/10 17:35

NELAP #01108CA Nevada #CA-72

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 5°C, on ice and with chain of custody documentation.

HOLDING TIMES: Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: Results that fall between the MDL and RL are 'J' flagged.

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

ADDITIONAL INFORMATION: Sample EB-025510 (-01) had several metals that could not be reported due to limited sample volume. Phosphorus and Tin 6010B could not be reported from the original 6010B run and there was not enough sample to re-extract. The 6020 collision cell metals subbed to TestAmerica Denver could not be analyzed as well due to the limited sample volume.

LABORATORY ID	CLIENT ID	MATRIX
ITB2701-01	EB-022510	Water
ITB2701-02	SB-1-0.5	Soil
ITB2701-03	SB-1-3	Soil
ITB2701-04	FD-022510	Soil
ITB2701-05	SB-2-0.5	Soil
ITB2701-06	SB-2-3	Soil
ITB2701-07	SB-17-0.5	Soil

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

LABORATORY ID	CLIENT ID	MATRIX
ITB2701-08	SB-17-3	Soil
ITB2701-09	SB-1	Soil
ITB2701-10	SB-2	Soil
ITB2701-11	SB-17	Soil
ITB2701-12	FTF-38	Soil
ITB2701-13	FTF-37	Soil
ITB2701-14	FD2-022510	Soil
ITB2701-15	FDF-41	Soil

Reviewed By:

Amy Harris

TestAmerica Irvine

Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-01 (EB-022510 - Water)									
Reporting Units: ug/l									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0032	4.2	9.4	ND	0.943	03/01/10	03/03/10	
Surrogate: 2,4,6-Tribromophenol (40-120%)					*73 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)					*70 %*				
Surrogate: 2-Fluorophenol (30-120%)					*56 %*				
Surrogate: Nitrobenzene-d5 (45-120%)					*66 %*				
Surrogate: Phenol-d6 (35-120%)					*59 %*				
Surrogate: Terphenyl-d14 (50-125%)					*80 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	1	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*65 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*71 %*				
Surrogate: 2-Fluorophenol (25-120%)					*62 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*71 %*				
Surrogate: Phenol-d6 (35-120%)					*71 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	1	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*60 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*69 %*				
Surrogate: 2-Fluorophenol (25-120%)					*49 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*69 %*				
Surrogate: Phenol-d6 (35-120%)					*62 %*				
Surrogate: Terphenyl-d14 (40-135%)					*83 %*				
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	0.999	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*56 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*61 %*				
Surrogate: 2-Fluorophenol (25-120%)					*47 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*62 %*				
Surrogate: Phenol-d6 (35-120%)					*59 %*				
Surrogate: Terphenyl-d14 (40-135%)					*76 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	1	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*68 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*63 %*				
Surrogate: 2-Fluorophenol (25-120%)					*57 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*63 %*				
Surrogate: Phenol-d6 (35-120%)					*66 %*				
Surrogate: Terphenyl-d14 (40-135%)					*78 %*				
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	0.999	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*63 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*65 %*				
Surrogate: 2-Fluorophenol (25-120%)					*60 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*66 %*				
Surrogate: Phenol-d6 (35-120%)					*67 %*				
Surrogate: Terphenyl-d14 (40-135%)					*81 %*				
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	0.999	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*69 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*69 %*				
Surrogate: 2-Fluorophenol (25-120%)					*59 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*71 %*				
Surrogate: Phenol-d6 (35-120%)					*71 %*				
Surrogate: Terphenyl-d14 (40-135%)					*86 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: ug/kg									
2,2'-/4,4'-Dichlorobenzil	EPA 8270C	10C0646	100	330	ND	0.999	03/05/10	03/06/10	
Surrogate: 2,4,6-Tribromophenol (35-125%)					*83 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)					*74 %*				
Surrogate: 2-Fluorophenol (25-120%)					*82 %*				
Surrogate: Nitrobenzene-d5 (30-120%)					*75 %*				
Surrogate: Phenol-d6 (35-120%)					*82 %*				
Surrogate: Terphenyl-d14 (40-135%)					*90 %*				

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**3.0**	1	03/04/10	03/06/10	J
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	1	03/04/10	03/06/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	ND	1	03/04/10	03/06/10	
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	1	03/04/10	03/06/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	1	03/04/10	03/06/10	
Surrogate: Decachlorobiphenyl (45-120%)					*87 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*81 %*				

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**4.6**	1	03/04/10	03/06/10	J
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**3.7**	1	03/04/10	03/06/10	J
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**8.4**	1	03/04/10	03/06/10	
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	1	03/04/10	03/06/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	ND	1	03/04/10	03/06/10	
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	1	03/04/10	03/06/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	1	03/04/10	03/06/10	
Surrogate: Decachlorobiphenyl (45-120%)					*89 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**2.5**	1	03/04/10	03/06/10	J
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**2.4**	1	03/04/10	03/06/10	J
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**5.2**	1	03/04/10	03/06/10	
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	1	03/04/10	03/06/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	ND	1	03/04/10	03/06/10	
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	1	03/04/10	03/06/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	1	03/04/10	03/06/10	
Surrogate: Decachlorobiphenyl (45-120%)					*63 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*62 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**1.5**	0.999	03/04/10	03/06/10	J
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**1.7**	0.999	03/04/10	03/06/10	J
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**12**	0.999	03/04/10	03/06/10	
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**6.8**	0.999	03/04/10	03/06/10	
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**2.2**	0.999	03/04/10	03/06/10	J
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**62**	0.999	03/04/10	03/06/10	
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	0.999	03/04/10	03/06/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	**2.1**	0.999	03/04/10	03/06/10	J
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	0.999	03/04/10	03/06/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	0.999	03/04/10	03/06/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	0.999	03/04/10	03/06/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	0.999	03/04/10	03/06/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	0.999	03/04/10	03/06/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	0.999	03/04/10	03/06/10	
Surrogate: Decachlorobiphenyl (45-120%)					*168 %*				*ZX*
Surrogate: Tetrachloro-m-xylene (35-115%)					*77 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**3.9**	1	03/04/10	03/07/10	J
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**2.7**	1	03/04/10	03/07/10	J
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**32**	1	03/04/10	03/07/10	
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**19**	1	03/04/10	03/07/10	
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**19**	1	03/04/10	03/07/10	
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	1	03/04/10	03/07/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	ND	1	03/04/10	03/07/10	
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/07/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/07/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/07/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/07/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	1	03/04/10	03/07/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	1	03/04/10	03/07/10	
Surrogate: Decachlorobiphenyl (45-120%)					*104 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)
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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**2.9**	1	03/04/10	03/06/10	J
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**1.6**	1	03/04/10	03/06/10	J
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**29**	1	03/04/10	03/06/10	
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	1	03/04/10	03/06/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	ND	1	03/04/10	03/06/10	
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	1	03/04/10	03/06/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	1	03/04/10	03/06/10	
Surrogate: Decachlorobiphenyl (45-120%)					*93 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

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Amy Harris
Project Manager

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Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: ug/kg									
2,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
2,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDD	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
4,4'-DDE	EPA 3545/8081A	10C0552	1.5	5.0	**7.8**	1	03/04/10	03/06/10	
4,4'-DDT	EPA 3545/8081A	10C0552	1.5	5.0	**3.9**	1	03/04/10	03/06/10	J
Aldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
alpha-BHC	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
beta-BHC	EPA 3545/8081A	10C0552	1.5	5.0	**30**	1	03/04/10	03/06/10	
delta-BHC	EPA 3545/8081A	10C0552	1.5	10	ND	1	03/04/10	03/06/10	
Dieldrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan I	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan II	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endosulfan sulfate	EPA 3545/8081A	10C0552	2.0	10	ND	1	03/04/10	03/06/10	
Endrin	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin aldehyde	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Endrin ketone	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
gamma-BHC (Lindane)	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Heptachlor	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Heptachlor epoxide	EPA 3545/8081A	10C0552	2.0	5.0	ND	1	03/04/10	03/06/10	
Methoxychlor	EPA 3545/8081A	10C0552	1.5	5.0	ND	1	03/04/10	03/06/10	
Chlordane	EPA 3545/8081A	10C0552	10	50	ND	1	03/04/10	03/06/10	
Toxaphene	EPA 3545/8081A	10C0552	50	200	ND	1	03/04/10	03/06/10	
Surrogate: Decachlorobiphenyl (45-120%)					*85 %*				
Surrogate: Tetrachloro-m-xylene (35-115%)					*84 %*				

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Amy Harris
Project Manager

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-01 (EB-022510 - Water)									
Reporting Units: ug/l									
2,4'-DDD	EPA 3510C/8081A	10C0551	0.048	0.24	ND	2.38	03/04/10	03/05/10	
2,4'-DDE	EPA 3510C/8081A	10C0551	0.048	0.24	ND	2.38	03/04/10	03/05/10	
2,4'-DDT	EPA 3510C/8081A	10C0551	0.048	0.24	ND	2.38	03/04/10	03/05/10	
4,4'-DDD	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
4,4'-DDE	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
4,4'-DDT	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Aldrin	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
alpha-BHC	EPA 3510C/8081A	10C0551	0.048	0.24	ND	2.38	03/04/10	03/05/10	
beta-BHC	EPA 3510C/8081A	10C0551	0.095	0.24	ND	2.38	03/04/10	03/05/10	
delta-BHC	EPA 3510C/8081A	10C0551	0.048	0.48	ND	2.38	03/04/10	03/05/10	
Dieldrin	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Endosulfan I	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Endosulfan II	EPA 3510C/8081A	10C0551	0.095	0.24	ND	2.38	03/04/10	03/05/10	
Endosulfan sulfate	EPA 3510C/8081A	10C0551	0.12	0.48	ND	2.38	03/04/10	03/05/10	
Endrin	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Endrin aldehyde	EPA 3510C/8081A	10C0551	0.12	0.24	ND	2.38	03/04/10	03/05/10	
Endrin ketone	EPA 3510C/8081A	10C0551	0.095	0.24	ND	2.38	03/04/10	03/05/10	
gamma-BHC (Lindane)	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Heptachlor	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Heptachlor epoxide	EPA 3510C/8081A	10C0551	0.071	0.24	ND	2.38	03/04/10	03/05/10	
Methoxychlor	EPA 3510C/8081A	10C0551	0.095	0.24	ND	2.38	03/04/10	03/05/10	
Chlordane	EPA 3510C/8081A	10C0551	0.71	2.4	ND	2.38	03/04/10	03/05/10	
Toxaphene	EPA 3510C/8081A	10C0551	1.9	12	ND	2.38	03/04/10	03/05/10	
Surrogate: Decachlorobiphenyl (45-120%)					*77 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)					*66 %*				

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Amy Harris
Project Manager

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	420	490	**9100**	98.5	03/02/10	03/04/10	
Mercury	EPA 7471A	10C0710	0.012	0.020	**0.018**	1	03/05/10	03/05/10	J
Calcium	EPA 6010B	10C0235	6.2	15	**25000**	0.985	03/02/10	03/08/10	B-1
Iron	EPA 6010B	10C0235	1.5	4.9	**16000**	0.985	03/02/10	03/08/10	B-1
Magnesium	EPA 6010B	10C0235	0.99	9.9	**8700**	0.985	03/02/10	03/08/10	
Phosphorus	EPA 6010B	10C0235	2.5	4.9	**1000**	0.985	03/02/10	03/08/10	B-1
Potassium	EPA 6010B	10C0235	19	49	**4800**	0.985	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0235	24	49	**1700**	0.985	03/02/10	03/08/10	
Tin	EPA 6010B	10C0235	1.3	9.9	**4.0**	0.985	03/02/10	03/08/10	J
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	430	500	**8300**	99.5	03/02/10	03/04/10	
Mercury	EPA 7471A	10C0710	0.012	0.020	ND	1	03/05/10	03/05/10	
Calcium	EPA 6010B	10C0235	6.2	15	**19000**	0.995	03/02/10	03/08/10	B-1
Iron	EPA 6010B	10C0235	1.5	5.0	**17000**	0.995	03/02/10	03/08/10	B-1
Magnesium	EPA 6010B	10C0235	1.0	10	**7700**	0.995	03/02/10	03/08/10	
Phosphorus	EPA 6010B	10C0235	2.5	5.0	**960**	0.995	03/02/10	03/08/10	B-1
Potassium	EPA 6010B	10C0235	19	50	**4000**	0.995	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0235	24	50	**1600**	0.995	03/02/10	03/08/10	
Tin	EPA 6010B	10C0235	1.3	10	**4.5**	0.995	03/02/10	03/08/10	J
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	430	500	**11000**	99	03/02/10	03/03/10	MHA
Mercury	EPA 7471A	10C0710	0.012	0.020	ND	1	03/05/10	03/05/10	
Calcium	EPA 6010B	10C0235	6.2	15	**19000**	0.99	03/02/10	03/08/10	B-1, MHA
Iron	EPA 6010B	10C0235	1.5	5.0	**19000**	0.99	03/02/10	03/08/10	B-1, MHA
Magnesium	EPA 6010B	10C0235	0.99	9.9	**8800**	0.99	03/02/10	03/08/10	MHA
Phosphorus	EPA 6010B	10C0235	2.5	5.0	**990**	0.99	03/02/10	03/08/10	B-1, MHA
Potassium	EPA 6010B	10C0235	19	50	**4600**	0.99	03/02/10	03/08/10	MHA
Sodium	EPA 6010B	10C0235	24	50	**1900**	0.99	03/02/10	03/08/10	MHA
Tin	EPA 6010B	10C0235	1.3	9.9	**4.9**	0.99	03/02/10	03/08/10	J

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	420	490	**9900**	98.5	03/02/10	03/04/10	
Mercury	EPA 7471A	10C0710	0.012	0.020	**0.018**	1	03/05/10	03/05/10	J
Calcium	EPA 6010B	10C0235	6.2	15	**17000**	0.985	03/02/10	03/08/10	B-1
Iron	EPA 6010B	10C0235	1.5	4.9	**18000**	0.985	03/02/10	03/08/10	B-1
Magnesium	EPA 6010B	10C0235	0.99	9.9	**9900**	0.985	03/02/10	03/08/10	
Phosphorus	EPA 6010B	10C0235	2.5	4.9	**970**	0.985	03/02/10	03/08/10	B-1
Potassium	EPA 6010B	10C0235	19	49	**2900**	0.985	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0235	24	49	**710**	0.985	03/02/10	03/08/10	
Tin	EPA 6010B	10C0235	1.3	9.9	**4.5**	0.985	03/02/10	03/08/10	J
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	430	500	**9600**	101	03/02/10	03/04/10	
Mercury	EPA 7471A	10C0710	0.012	0.020	**0.017**	1	03/05/10	03/05/10	J
Calcium	EPA 6010B	10C0235	6.3	15	**32000**	1.01	03/02/10	03/08/10	B-1
Iron	EPA 6010B	10C0235	1.5	5.0	**20000**	1.01	03/02/10	03/08/10	B-1
Magnesium	EPA 6010B	10C0235	1.0	10	**9000**	1.01	03/02/10	03/08/10	
Phosphorus	EPA 6010B	10C0235	2.5	5.0	**930**	1.01	03/02/10	03/08/10	B-1
Potassium	EPA 6010B	10C0235	19	50	**3000**	1.01	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0235	24	50	**540**	1.01	03/02/10	03/08/10	
Tin	EPA 6010B	10C0235	1.3	10	**4.6**	1.01	03/02/10	03/08/10	J
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	420	490	**11000**	98.5	03/02/10	03/04/10	
Mercury	EPA 7471A	10C0710	0.012	0.020	**0.018**	1	03/05/10	03/05/10	J
Calcium	EPA 6010B	10C0235	6.2	15	**19000**	0.985	03/02/10	03/08/10	B-1
Iron	EPA 6010B	10C0235	1.5	4.9	**21000**	0.985	03/02/10	03/08/10	B-1
Magnesium	EPA 6010B	10C0235	0.99	9.9	**8900**	0.985	03/02/10	03/08/10	
Phosphorus	EPA 6010B	10C0235	2.5	4.9	**1100**	0.985	03/02/10	03/08/10	B-1
Potassium	EPA 6010B	10C0235	19	49	**3400**	0.985	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0235	24	49	**600**	0.985	03/02/10	03/08/10	
Tin	EPA 6010B	10C0235	1.3	9.9	**4.8**	0.985	03/02/10	03/08/10	J

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METALS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: mg/kg									
Aluminum	EPA 6020	10C0228	430	500	**11000**	99.5	03/02/10	03/04/10	
Mercury	EPA 7471A	10C0710	0.012	0.020	ND	1	03/05/10	03/05/10	
Calcium	EPA 6010B	10C0235	6.2	15	**27000**	0.995	03/02/10	03/08/10	B-1
Iron	EPA 6010B	10C0235	1.5	5.0	**20000**	0.995	03/02/10	03/08/10	B-1
Magnesium	EPA 6010B	10C0235	1.0	10	**9400**	0.995	03/02/10	03/08/10	
Phosphorus	EPA 6010B	10C0235	2.5	5.0	**950**	0.995	03/02/10	03/08/10	B-1
Potassium	EPA 6010B	10C0235	19	50	**3800**	0.995	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0235	24	50	**470**	0.995	03/02/10	03/08/10	
Tin	EPA 6010B	10C0235	1.3	10	**4.6**	0.995	03/02/10	03/08/10	J
Sample ID: ITB2701-01 (EB-022510 - Water)									
Reporting Units: mg/l									
Mercury	EPA 7470A	10C0382	0.00010	0.00020	ND	1	03/03/10	03/03/10	
Calcium	EPA 6010B	10C0171	0.050	0.10	**0.067**	1	03/02/10	03/08/10	B, J
Iron	EPA 6010B	10C0171	0.015	0.040	ND	1	03/02/10	03/08/10	
Magnesium	EPA 6010B	10C0171	0.012	0.020	ND	1	03/02/10	03/08/10	
Potassium	EPA 6010B	10C0171	0.37	0.50	ND	1	03/02/10	03/08/10	
Sodium	EPA 6010B	10C0171	0.19	0.50	ND	1	03/02/10	03/08/10	
Sample ID: ITB2701-01 (EB-022510 - Water)									
Reporting Units: ug/l									
Aluminum	EPA 6020	10C0720	8.5	10	ND	1	03/05/10	03/09/10	

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

DISSOLVED INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-01 (EB-022510 - Water)									
Reporting Units: mg/l									
Chromium VI	EPA 7199	10B3240	0.00025	0.0020	ND	1	02/26/10	02/26/10	H

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	1	03/03/10	03/04/10	
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	1	03/03/10	03/04/10	
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	1	03/03/10	03/04/10	
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	1	03/03/10	03/04/10	
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	0.992	03/03/10	03/04/10	
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	1	03/03/10	03/04/10	
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: mg/kg									
Chromium VI	3060A/7199	10C0419	0.12	0.20	ND	1	03/03/10	03/04/10	
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**430**	1	03/01/10	03/02/10	
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**420**	1	03/01/10	03/02/10	
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**420**	1	03/01/10	03/02/10	

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**410**	1	03/01/10	03/02/10	
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**420**	1	03/01/10	03/02/10	
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**430**	1	03/01/10	03/02/10	
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: mV									
Redox Potential (Eh)	SM 2580B	10C0055	0.10	0.10	**440**	1	03/01/10	03/02/10	
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**7.85**	1	03/01/10	03/01/10	
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**7.93**	1	03/01/10	03/01/10	
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**7.97**	1	03/01/10	03/01/10	
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**8.15**	1	03/01/10	03/01/10	
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**7.94**	1	03/01/10	03/01/10	
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**7.87**	1	03/01/10	03/01/10	

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

INORGANICS

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: pH Units									
pH	EPA 9045C	10C0053	0.100	0.100	**7.65**	1	03/01/10	03/01/10	

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

SW846 6010B

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**349**	1	03/03/10	03/08/10	Bb
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**1410**	1	03/03/10	03/08/10	
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**2020**	1	03/03/10	03/08/10	
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**321**	1	03/03/10	03/08/10	Bb
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**253**	1	03/03/10	03/08/10	Bb
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**195**	1	03/03/10	03/08/10	Bb
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: mg/kg									
Sulfur	SW846 6010B	62054	21.7	500	**252**	1	03/03/10	03/08/10	Bb
Sample ID: ITB2701-01 (EB-022510 - Water)									
Reporting Units: ug/L									
Sulfur	SW846 6010B	61245	267	5000	ND	1	03/02/10	03/04/10	

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

Metals (ICP/MS)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-02 (SB-1-0.5 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.012	0.17	**0.020**	1	03/03/10	03/04/10	Ja, Ba
Arsenic	6020	5903	0.043	0.50	**2.9**	1	03/03/10	03/04/10	
Barium	6020	5903	0.059	0.17	**120**	1	03/03/10	03/04/10	
Beryllium	6020	5903	0.019	0.084	**0.51**	1	03/03/10	03/04/10	
Cadmium	6020	5903	0.0079	0.084	**0.48**	1	03/03/10	03/04/10	
Chromium	6020	5903	0.064	0.17	**7.3**	1	03/03/10	03/04/10	
Cobalt	6020	5903	0.0056	0.084	**5.4**	1	03/03/10	03/04/10	
Copper	6020	5903	0.060	0.21	**13**	1	03/03/10	03/04/10	
Lead	6020	5903	0.015	0.13	**7.1**	1	03/03/10	03/04/10	
Manganese	6020	5903	0.028	0.21	**310**	1	03/03/10	03/04/10	
Molybdenum	6020	5903	0.015	0.17	**0.31**	1	03/03/10	03/04/10	
Nickel	6020	5903	0.021	0.13	**13**	1	03/03/10	03/04/10	
Selenium	6020	5903	0.11	0.42	**1.2**	1	03/03/10	03/04/10	
Silver	6020	5903	0.017	0.084	**0.055**	1	03/03/10	03/04/10	Ja
Thallium	6020	5903	0.0030	0.084	**0.11**	1	03/03/10	03/04/10	
Uranium	6020	5903	0.0013	0.084	**0.86**	1	03/03/10	03/04/10	
Vanadium	6020	5903	0.032	0.42	**20**	1	03/03/10	03/04/10	
Zinc	6020	5903	0.27	0.84	**29**	1	03/03/10	03/04/10	
Sample ID: ITB2701-03 (SB-1-3 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.014	0.19	**0.045**	1	03/03/10	03/04/10	Ja, Ba
Arsenic	6020	5903	0.049	0.58	**3.3**	1	03/03/10	03/04/10	
Barium	6020	5903	0.068	0.19	**160**	1	03/03/10	03/04/10	
Beryllium	6020	5903	0.022	0.097	**0.55**	1	03/03/10	03/04/10	
Cadmium	6020	5903	0.0091	0.097	**0.52**	1	03/03/10	03/04/10	
Chromium	6020	5903	0.074	0.19	**8.2**	1	03/03/10	03/04/10	
Cobalt	6020	5903	0.0064	0.097	**6.1**	1	03/03/10	03/04/10	
Copper	6020	5903	0.069	0.24	**13**	1	03/03/10	03/04/10	
Lead	6020	5903	0.018	0.15	**8.0**	1	03/03/10	03/04/10	
Manganese	6020	5903	0.032	0.24	**340**	1	03/03/10	03/04/10	
Molybdenum	6020	5903	0.017	0.19	**0.40**	1	03/03/10	03/04/10	
Nickel	6020	5903	0.025	0.15	**13**	1	03/03/10	03/04/10	
Selenium	6020	5903	0.13	0.49	**1.4**	1	03/03/10	03/04/10	
Silver	6020	5903	0.020	0.097	**0.061**	1	03/03/10	03/04/10	Ja
Thallium	6020	5903	0.0034	0.097	**0.12**	1	03/03/10	03/04/10	
Uranium	6020	5903	0.0015	0.097	**0.81**	1	03/03/10	03/04/10	
Vanadium	6020	5903	0.037	0.49	**21**	1	03/03/10	03/04/10	
Zinc	6020	5903	0.31	0.97	**31**	1	03/03/10	03/04/10	

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

Metals (ICP/MS)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-04 (FD-022510 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.013	0.19	**0.031**	1	03/03/10	03/04/10	Ja, Ba
Arsenic	6020	5903	0.047	0.56	**3.2**	1	03/03/10	03/04/10	
Barium	6020	5903	0.065	0.19	**180**	1	03/03/10	03/04/10	
Beryllium	6020	5903	0.021	0.093	**0.47**	1	03/03/10	03/04/10	
Cadmium	6020	5903	0.0087	0.093	**0.53**	1	03/03/10	03/04/10	
Chromium	6020	5903	0.070	0.19	**9.0**	1	03/03/10	03/04/10	
Cobalt	6020	5903	0.0061	0.093	**5.8**	1	03/03/10	03/04/10	
Copper	6020	5903	0.066	0.23	**12**	1	03/03/10	03/04/10	
Lead	6020	5903	0.017	0.14	**8.1**	1	03/03/10	03/04/10	
Manganese	6020	5903	0.031	0.23	**340**	1	03/03/10	03/04/10	
Molybdenum	6020	5903	0.016	0.19	**0.46**	1	03/03/10	03/04/10	
Nickel	6020	5903	0.023	0.14	**14**	1	03/03/10	03/04/10	
Selenium	6020	5903	0.12	0.46	**1.3**	1	03/03/10	03/04/10	
Silver	6020	5903	0.019	0.093	**0.058**	1	03/03/10	03/04/10	Ja
Thallium	6020	5903	0.0033	0.093	**0.11**	1	03/03/10	03/04/10	
Uranium	6020	5903	0.0015	0.093	**0.79**	1	03/03/10	03/04/10	
Vanadium	6020	5903	0.036	0.46	**23**	1	03/03/10	03/04/10	
Zinc	6020	5903	0.29	0.93	**30**	1	03/03/10	03/04/10	
Sample ID: ITB2701-05 (SB-2-0.5 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.013	0.18	**0.021**	1	03/03/10	03/05/10	Ja, Ba
Arsenic	6020	5903	0.045	0.54	**2.6**	1	03/03/10	03/05/10	
Barium	6020	5903	0.063	0.18	**140**	1	03/03/10	03/05/10	
Beryllium	6020	5903	0.020	0.089	**0.54**	1	03/03/10	03/05/10	
Cadmium	6020	5903	0.0084	0.089	**0.46**	1	03/03/10	03/05/10	
Chromium	6020	5903	0.068	0.18	**8.5**	1	03/03/10	03/05/10	
Cobalt	6020	5903	0.0059	0.089	**6.4**	1	03/03/10	03/05/10	
Copper	6020	5903	0.063	0.22	**14**	1	03/03/10	03/05/10	
Lead	6020	5903	0.016	0.13	**12**	1	03/03/10	03/05/10	
Manganese	6020	5903	0.029	0.22	**300**	1	03/03/10	03/05/10	
Molybdenum	6020	5903	0.016	0.18	**0.20**	1	03/03/10	03/05/10	
Nickel	6020	5903	0.023	0.13	**14**	1	03/03/10	03/05/10	
Selenium	6020	5903	0.12	0.45	**0.76**	1	03/03/10	03/05/10	
Silver	6020	5903	0.018	0.089	**0.050**	1	03/03/10	03/05/10	Ja
Thallium	6020	5903	0.0031	0.089	**0.088**	1	03/03/10	03/05/10	Ja
Uranium	6020	5903	0.0014	0.089	**0.65**	1	03/03/10	03/05/10	
Vanadium	6020	5903	0.034	0.45	**22**	1	03/03/10	03/05/10	
Zinc	6020	5903	0.28	0.89	**29**	1	03/03/10	03/05/10	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

Metals (ICP/MS)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-06 (SB-2-3 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.013	0.19	**0.017**	1	03/03/10	03/05/10	Ja, Ba
Arsenic	6020	5903	0.047	0.56	**3.6**	1	03/03/10	03/05/10	
Barium	6020	5903	0.066	0.19	**180**	1	03/03/10	03/05/10	
Beryllium	6020	5903	0.021	0.093	**0.56**	1	03/03/10	03/05/10	
Cadmium	6020	5903	0.0088	0.093	**0.53**	1	03/03/10	03/05/10	
Chromium	6020	5903	0.071	0.19	**11**	1	03/03/10	03/05/10	
Cobalt	6020	5903	0.0062	0.093	**6.4**	1	03/03/10	03/05/10	
Copper	6020	5903	0.066	0.23	**14**	1	03/03/10	03/05/10	
Lead	6020	5903	0.017	0.14	**9.1**	1	03/03/10	03/05/10	
Manganese	6020	5903	0.031	0.23	**310**	1	03/03/10	03/05/10	
Molybdenum	6020	5903	0.016	0.19	**0.22**	1	03/03/10	03/05/10	
Nickel	6020	5903	0.024	0.14	**14**	1	03/03/10	03/05/10	
Selenium	6020	5903	0.12	0.47	**0.94**	1	03/03/10	03/05/10	
Silver	6020	5903	0.019	0.093	**0.057**	1	03/03/10	03/05/10	Ja
Thallium	6020	5903	0.0033	0.093	**0.10**	1	03/03/10	03/05/10	
Uranium	6020	5903	0.0015	0.093	**0.92**	1	03/03/10	03/05/10	
Vanadium	6020	5903	0.036	0.47	**28**	1	03/03/10	03/05/10	
Zinc	6020	5903	0.30	0.93	**29**	1	03/03/10	03/05/10	
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.013	0.18	**0.015**	1	03/03/10	03/05/10	Ja, Ba
Arsenic	6020	5903	0.045	0.54	**2.9**	1	03/03/10	03/05/10	
Barium	6020	5903	0.063	0.18	**210**	1	03/03/10	03/05/10	
Beryllium	6020	5903	0.020	0.089	**0.57**	1	03/03/10	03/05/10	
Cadmium	6020	5903	0.0084	0.089	**0.52**	1	03/03/10	03/05/10	
Chromium	6020	5903	0.068	0.18	**10**	1	03/03/10	03/05/10	
Cobalt	6020	5903	0.0059	0.089	**6.7**	1	03/03/10	03/05/10	
Copper	6020	5903	0.063	0.22	**16**	1	03/03/10	03/05/10	
Lead	6020	5903	0.016	0.13	**8.3**	1	03/03/10	03/05/10	
Manganese	6020	5903	0.029	0.22	**390**	1	03/03/10	03/05/10	
Molybdenum	6020	5903	0.016	0.18	**0.22**	1	03/03/10	03/05/10	
Nickel	6020	5903	0.023	0.13	**14**	1	03/03/10	03/05/10	
Selenium	6020	5903	0.12	0.45	**1.0**	1	03/03/10	03/05/10	
Silver	6020	5903	0.018	0.089	**0.051**	1	03/03/10	03/05/10	Ja
Thallium	6020	5903	0.0031	0.089	**0.10**	1	03/03/10	03/05/10	
Uranium	6020	5903	0.0014	0.089	**0.64**	1	03/03/10	03/05/10	
Vanadium	6020	5903	0.034	0.45	**26**	1	03/03/10	03/05/10	
Zinc	6020	5903	0.28	0.89	**32**	1	03/03/10	03/05/10	

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

Metals (ICP/MS)

Analyte	Method	Batch	MDL Limit	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ITB2701-08 (SB-17-3 - Soil)									
Reporting Units: mg/Kg									
Antimony	6020	5903	0.013	0.18	**0.017**	1	03/03/10	03/05/10	Ja, Ba
Arsenic	6020	5903	0.046	0.55	**3.2**	1	03/03/10	03/05/10	
Barium	6020	5903	0.064	0.18	**200**	1	03/03/10	03/05/10	
Beryllium	6020	5903	0.020	0.091	**0.68**	1	03/03/10	03/05/10	
Cadmium	6020	5903	0.0085	0.091	**0.53**	1	03/03/10	03/05/10	
Chromium	6020	5903	0.069	0.18	**10**	1	03/03/10	03/05/10	
Cobalt	6020	5903	0.0060	0.091	**7.0**	1	03/03/10	03/05/10	
Copper	6020	5903	0.065	0.23	**14**	1	03/03/10	03/05/10	
Lead	6020	5903	0.017	0.14	**8.8**	1	03/03/10	03/05/10	
Manganese	6020	5903	0.030	0.23	**410**	1	03/03/10	03/05/10	
Molybdenum	6020	5903	0.016	0.18	**0.23**	1	03/03/10	03/05/10	
Nickel	6020	5903	0.023	0.14	**15**	1	03/03/10	03/05/10	
Selenium	6020	5903	0.12	0.45	**1.5**	1	03/03/10	03/05/10	
Silver	6020	5903	0.018	0.091	**0.054**	1	03/03/10	03/05/10	Ja
Thallium	6020	5903	0.0032	0.091	**0.20**	1	03/03/10	03/05/10	
Uranium	6020	5903	0.0014	0.091	**0.70**	1	03/03/10	03/05/10	
Vanadium	6020	5903	0.035	0.45	**25**	1	03/03/10	03/05/10	
Zinc	6020	5903	0.29	0.91	**32**	1	03/03/10	03/05/10	

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Project Manager

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: EB-022510 (ITB2701-01) - Water					
EPA 7199	1	02/25/2010 12:00	02/26/2010 11:10	02/26/2010 11:45	02/26/2010 12:03

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0032 Extracted: 03/01/10											
Blank Analyzed: 03/03/2010 (10C0032-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	10	4.5	ug/l							
Surrogate: 2,4,6-Tribromophenol	*155*			*ug/l*	*200*		*77*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*75.4*			*ug/l*	*100*		*75*	*50-120*			
Surrogate: 2-Fluorophenol	*119*			*ug/l*	*200*		*59*	*30-120*			
Surrogate: Nitrobenzene-d5	*72.8*			*ug/l*	*100*		*73*	*45-120*			
Surrogate: Phenol-d6	*124*			*ug/l*	*200*		*62*	*35-120*			
Surrogate: Terphenyl-d14	*90.1*			*ug/l*	*100*		*90*	*50-125*			
LCS Analyzed: 03/03/2010 (10C0032-BS1)											**MNR1**
2,2'-/4,4'-Dichlorobenzil	87.7	10	4.5	ug/l	100		88	50-130			
Surrogate: 2,4,6-Tribromophenol	*149*			*ug/l*	*200*		*74*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*72.7*			*ug/l*	*100*		*73*	*50-120*			
Surrogate: 2-Fluorophenol	*100*			*ug/l*	*200*		*50*	*30-120*			
Surrogate: Nitrobenzene-d5	*68.5*			*ug/l*	*100*		*68*	*45-120*			
Surrogate: Phenol-d6	*110*			*ug/l*	*200*		*55*	*35-120*			
Surrogate: Terphenyl-d14	*83.3*			*ug/l*	*100*		*83*	*50-125*			
LCS Dup Analyzed: 03/03/2010 (10C0032-BSD1)											
2,2'-/4,4'-Dichlorobenzil	94.7	10	4.5	ug/l	100		95	50-130	8	30	
Surrogate: 2,4,6-Tribromophenol	*155*			*ug/l*	*200*		*77*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*77.5*			*ug/l*	*100*		*77*	*50-120*			
Surrogate: 2-Fluorophenol	*102*			*ug/l*	*200*		*51*	*30-120*			
Surrogate: Nitrobenzene-d5	*73.9*			*ug/l*	*100*		*74*	*45-120*			
Surrogate: Phenol-d6	*114*			*ug/l*	*200*		*57*	*35-120*			
Surrogate: Terphenyl-d14	*87.6*			*ug/l*	*100*		*88*	*50-125*			

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Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 8270C)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0646 Extracted: 03/05/10											
Blank Analyzed: 03/06/2010 (10C0646-BLK1)											
2,2'-/4,4'-Dichlorobenzil	ND	330	100	ug/kg							
Surrogate: 2,4,6-Tribromophenol	*5970*			*ug/kg*	*6670*		*90*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2590*			*ug/kg*	*3330*		*78*	*35-120*			
Surrogate: 2-Fluorophenol	*5290*			*ug/kg*	*6670*		*79*	*25-120*			
Surrogate: Nitrobenzene-d5	*2540*			*ug/kg*	*3330*		*76*	*30-120*			
Surrogate: Phenol-d6	*5480*			*ug/kg*	*6670*		*82*	*35-120*			
Surrogate: Terphenyl-d14	*3220*			*ug/kg*	*3330*		*97*	*40-135*			
LCS Analyzed: 03/06/2010 (10C0646-BS1)											
2,2'-/4,4'-Dichlorobenzil	2900	330	100	ug/kg	3330		87	50-130			
Surrogate: 2,4,6-Tribromophenol	*5860*			*ug/kg*	*6670*		*88*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2450*			*ug/kg*	*3330*		*73*	*35-120*			
Surrogate: 2-Fluorophenol	*5200*			*ug/kg*	*6670*		*78*	*25-120*			
Surrogate: Nitrobenzene-d5	*2370*			*ug/kg*	*3330*		*71*	*30-120*			
Surrogate: Phenol-d6	*5320*			*ug/kg*	*6670*		*80*	*35-120*			
Surrogate: Terphenyl-d14	*2810*			*ug/kg*	*3330*		*84*	*40-135*			
Matrix Spike Analyzed: 03/06/2010 (10C0646-MS1)						**Source: ITB2701-03**					
2,2'-/4,4'-Dichlorobenzil	3550	330	100	ug/kg	3330	ND	106	50-130			
Surrogate: 2,4,6-Tribromophenol	*5440*			*ug/kg*	*6670*		*82*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2280*			*ug/kg*	*3330*		*68*	*35-120*			
Surrogate: 2-Fluorophenol	*4720*			*ug/kg*	*6670*		*71*	*25-120*			
Surrogate: Nitrobenzene-d5	*2200*			*ug/kg*	*3330*		*66*	*30-120*			
Surrogate: Phenol-d6	*4880*			*ug/kg*	*6670*		*73*	*35-120*			
Surrogate: Terphenyl-d14	*2740*			*ug/kg*	*3330*		*82*	*40-135*			
Matrix Spike Dup Analyzed: 03/06/2010 (10C0646-MSD1)						**Source: ITB2701-03**					
2,2'-/4,4'-Dichlorobenzil	2880	330	100	ug/kg	3330	ND	86	50-130	21	30	
Surrogate: 2,4,6-Tribromophenol	*4880*			*ug/kg*	*6670*		*73*	*35-125*			
Surrogate: 2-Fluorobiphenyl	*2320*			*ug/kg*	*3330*		*70*	*35-120*			
Surrogate: 2-Fluorophenol	*4250*			*ug/kg*	*6670*		*64*	*25-120*			
Surrogate: Nitrobenzene-d5	*2230*			*ug/kg*	*3330*		*67*	*30-120*			
Surrogate: Phenol-d6	*4600*			*ug/kg*	*6670*		*69*	*35-120*			
Surrogate: Terphenyl-d14	*2720*			*ug/kg*	*3330*		*82*	*40-135*			

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Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0552 Extracted: 03/04/10											
Blank Analyzed: 03/06/2010 (10C0552-BLK1)											
2,4'-DDD	ND	5.0	1.5	ug/kg							
2,4'-DDE	ND	5.0	1.5	ug/kg							
2,4'-DDT	ND	5.0	1.5	ug/kg							
4,4'-DDD	ND	5.0	1.5	ug/kg							
4,4'-DDE	ND	5.0	1.5	ug/kg							
4,4'-DDT	ND	5.0	1.5	ug/kg							
Aldrin	ND	5.0	1.5	ug/kg							
alpha-BHC	ND	5.0	1.5	ug/kg							
beta-BHC	ND	5.0	1.5	ug/kg							
delta-BHC	ND	10	1.5	ug/kg							
Dieldrin	ND	5.0	1.5	ug/kg							
Endosulfan I	ND	5.0	1.5	ug/kg							
Endosulfan II	ND	5.0	1.5	ug/kg							
Endosulfan sulfate	ND	10	2.0	ug/kg							
Endrin	ND	5.0	1.5	ug/kg							
Endrin aldehyde	ND	5.0	1.5	ug/kg							
Endrin ketone	ND	5.0	2.0	ug/kg							
gamma-BHC (Lindane)	ND	5.0	1.5	ug/kg							
Heptachlor	ND	5.0	2.0	ug/kg							
Heptachlor epoxide	ND	5.0	2.0	ug/kg							
Methoxychlor	ND	5.0	1.5	ug/kg							
Chlordane	ND	50	10	ug/kg							
Toxaphene	ND	200	50	ug/kg							
Surrogate: Decachlorobiphenyl	*31.9*			*ug/kg*	*33.3*		*96*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*30.6*			*ug/kg*	*33.3*		*92*	*35-115*			
LCS Analyzed: 03/06/2010 (10C0552-BS1)											
2,4'-DDD	32.1	5.0	1.5	ug/kg	33.3		96	60-120			
2,4'-DDE	23.8	5.0	1.5	ug/kg	33.3		71	60-120			
2,4'-DDT	33.5	5.0	1.5	ug/kg	33.3		101	65-120			
4,4'-DDD	31.6	5.0	1.5	ug/kg	33.3		95	60-120			
4,4'-DDE	29.0	5.0	1.5	ug/kg	33.3		87	60-120			
4,4'-DDT	28.0	5.0	1.5	ug/kg	33.3		84	65-120			
Aldrin	27.0	5.0	1.5	ug/kg	33.3		81	50-115			
alpha-BHC	28.0	5.0	1.5	ug/kg	33.3		84	60-115			
beta-BHC	24.2	5.0	1.5	ug/kg	33.3		73	60-115			

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0552 Extracted: 03/04/10											
LCS Analyzed: 03/06/2010 (10C0552-BS1)											
delta-BHC	27.7	10	1.5	ug/kg	33.3		83	60-115			
Dieldrin	30.4	5.0	1.5	ug/kg	33.3		91	65-115			
Endosulfan I	30.0	5.0	1.5	ug/kg	33.3		90	40-120			
Endosulfan II	29.2	5.0	1.5	ug/kg	33.3		88	55-120			
Endosulfan sulfate	30.0	10	2.0	ug/kg	33.3		90	65-115			
Endrin	32.2	5.0	1.5	ug/kg	33.3		97	55-120			
Endrin aldehyde	27.3	5.0	1.5	ug/kg	33.3		82	55-115			
Endrin ketone	29.5	5.0	2.0	ug/kg	33.3		89	65-115			
gamma-BHC (Lindane)	27.9	5.0	1.5	ug/kg	33.3		84	55-115			
Heptachlor	30.3	5.0	2.0	ug/kg	33.3		91	55-115			
Heptachlor epoxide	29.3	5.0	2.0	ug/kg	33.3		88	55-115			
Methoxychlor	31.2	5.0	1.5	ug/kg	33.3		94	65-120			
Surrogate: Decachlorobiphenyl	*31.4*			*ug/kg*	*33.3*		*94*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.8*			*ug/kg*	*33.3*		*89*	*35-115*			
Matrix Spike Analyzed: 03/06/2010 (10C0552-MS1)						**Source: ITB2701-03**					
2,4'-DDD	31.9	5.0	1.5	ug/kg	33.3	ND	96	40-130			
2,4'-DDE	24.1	5.0	1.5	ug/kg	33.3	ND	72	35-130			
2,4'-DDT	33.9	5.0	1.5	ug/kg	33.3	ND	102	35-130			
4,4'-DDD	30.7	5.0	1.5	ug/kg	33.3	ND	92	40-130			
4,4'-DDE	31.4	5.0	1.5	ug/kg	33.3	4.56	80	35-130			
4,4'-DDT	28.7	5.0	1.5	ug/kg	33.3	3.70	75	35-130			
Aldrin	28.7	5.0	1.5	ug/kg	33.3	ND	86	40-115			
alpha-BHC	27.7	5.0	1.5	ug/kg	33.3	ND	83	40-115			
beta-BHC	33.7	5.0	1.5	ug/kg	33.3	8.45	76	40-120			
delta-BHC	26.8	10	1.5	ug/kg	33.3	ND	80	45-120			
Dieldrin	29.7	5.0	1.5	ug/kg	33.3	ND	89	40-125			
Endosulfan I	29.4	5.0	1.5	ug/kg	33.3	ND	88	40-120			
Endosulfan II	27.0	5.0	1.5	ug/kg	33.3	ND	81	40-125			
Endosulfan sulfate	27.7	10	2.0	ug/kg	33.3	ND	83	45-120			
Endrin	31.4	5.0	1.5	ug/kg	33.3	ND	94	45-125			
Endrin aldehyde	24.8	5.0	1.5	ug/kg	33.3	ND	74	30-120			
Endrin ketone	27.4	5.0	2.0	ug/kg	33.3	ND	82	40-120			
gamma-BHC (Lindane)	27.6	5.0	1.5	ug/kg	33.3	ND	83	40-120			
Heptachlor	30.3	5.0	2.0	ug/kg	33.3	ND	91	40-115			
Heptachlor epoxide	28.5	5.0	2.0	ug/kg	33.3	ND	86	45-115			

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0552 Extracted: 03/04/10											
Matrix Spike Analyzed: 03/06/2010 (10C0552-MS1)						**Source: ITB2701-03**					
Methoxychlor	28.2	5.0	1.5	ug/kg	33.3	ND	85	40-135			
Surrogate: Decachlorobiphenyl	*29.6*			*ug/kg*	*33.3*		*89*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*28.3*			*ug/kg*	*33.3*		*85*	*35-115*			
Matrix Spike Dup Analyzed: 03/06/2010 (10C0552-MSD1)						**Source: ITB2701-03**					
2,4'-DDD	32.8	5.0	1.5	ug/kg	33.3	ND	98	40-130	3	30	
2,4'-DDE	24.7	5.0	1.5	ug/kg	33.3	ND	74	35-130	3	30	
2,4'-DDT	35.0	5.0	1.5	ug/kg	33.3	ND	105	35-130	3	30	
4,4'-DDD	31.5	5.0	1.5	ug/kg	33.3	ND	95	40-130	3	30	
4,4'-DDE	32.6	5.0	1.5	ug/kg	33.3	4.56	84	35-130	4	30	
4,4'-DDT	28.8	5.0	1.5	ug/kg	33.3	3.70	75	35-130	0.3	30	
Aldrin	29.4	5.0	1.5	ug/kg	33.3	ND	88	40-115	2	30	
alpha-BHC	28.3	5.0	1.5	ug/kg	33.3	ND	85	40-115	2	30	
beta-BHC	32.6	5.0	1.5	ug/kg	33.3	8.45	73	40-120	3	30	
delta-BHC	27.5	10	1.5	ug/kg	33.3	ND	83	45-120	3	30	
Dieldrin	30.4	5.0	1.5	ug/kg	33.3	ND	91	40-125	2	30	
Endosulfan I	30.3	5.0	1.5	ug/kg	33.3	ND	91	40-120	3	30	
Endosulfan II	27.6	5.0	1.5	ug/kg	33.3	ND	83	40-125	2	30	
Endosulfan sulfate	29.9	10	2.0	ug/kg	33.3	ND	90	45-120	8	30	
Endrin	32.4	5.0	1.5	ug/kg	33.3	ND	97	45-125	3	30	
Endrin aldehyde	25.2	5.0	1.5	ug/kg	33.3	ND	76	30-120	2	30	
Endrin ketone	28.2	5.0	2.0	ug/kg	33.3	ND	85	40-120	3	30	
gamma-BHC (Lindane)	28.3	5.0	1.5	ug/kg	33.3	ND	85	40-120	2	30	
Heptachlor	31.3	5.0	2.0	ug/kg	33.3	ND	94	40-115	3	30	
Heptachlor epoxide	29.3	5.0	2.0	ug/kg	33.3	ND	88	45-115	3	30	
Methoxychlor	28.2	5.0	1.5	ug/kg	33.3	ND	84	40-135	0.07	30	
Surrogate: Decachlorobiphenyl	*30.5*			*ug/kg*	*33.3*		*92*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*29.1*			*ug/kg*	*33.3*		*87*	*35-115*			

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Amy Harris
Project Manager

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0551 Extracted: 03/04/10											
Blank Analyzed: 03/05/2010 (10C0551-BLK1)											
2,4'-DDD	ND	0.10	0.020	ug/l							
2,4'-DDE	ND	0.10	0.020	ug/l							
2,4'-DDT	ND	0.10	0.020	ug/l							
4,4'-DDD	ND	0.10	0.030	ug/l							
4,4'-DDE	ND	0.10	0.030	ug/l							
4,4'-DDT	ND	0.10	0.030	ug/l							
Aldrin	ND	0.10	0.030	ug/l							
alpha-BHC	ND	0.10	0.020	ug/l							
beta-BHC	ND	0.10	0.040	ug/l							
delta-BHC	ND	0.20	0.020	ug/l							
Dieldrin	ND	0.10	0.030	ug/l							
Endosulfan I	ND	0.10	0.030	ug/l							
Endosulfan II	ND	0.10	0.040	ug/l							
Endosulfan sulfate	ND	0.20	0.050	ug/l							
Endrin	ND	0.10	0.030	ug/l							
Endrin aldehyde	ND	0.10	0.050	ug/l							
Endrin ketone	ND	0.10	0.040	ug/l							
gamma-BHC (Lindane)	ND	0.10	0.030	ug/l							
Heptachlor	ND	0.10	0.030	ug/l							
Heptachlor epoxide	ND	0.10	0.030	ug/l							
Methoxychlor	ND	0.10	0.040	ug/l							
Chlordane	ND	1.0	0.30	ug/l							
Toxaphene	ND	5.0	0.80	ug/l							
Surrogate: Decachlorobiphenyl	*0.433*			*ug/l*	*0.500*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.369*			*ug/l*	*0.500*		*74*	*35-120*			
LCS Analyzed: 03/05/2010 (10C0551-BS1)											**MNR1**
2,4'-DDD	0.446	0.10	0.020	ug/l	0.500		89	55-120			
2,4'-DDE	0.306	0.10	0.020	ug/l	0.500		61	50-120			
2,4'-DDT	0.428	0.10	0.020	ug/l	0.500		86	55-120			
4,4'-DDD	0.442	0.10	0.030	ug/l	0.500		88	55-120			
4,4'-DDE	0.382	0.10	0.030	ug/l	0.500		76	50-120			
4,4'-DDT	0.407	0.10	0.030	ug/l	0.500		81	55-120			
Aldrin	0.308	0.10	0.030	ug/l	0.500		62	40-115			
alpha-BHC	0.348	0.10	0.020	ug/l	0.500		70	45-115			
beta-BHC	0.312	0.10	0.040	ug/l	0.500		62	55-115			

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Project Manager

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2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0551 Extracted: 03/04/10											
LCS Analyzed: 03/05/2010 (10C0551-BS1)											**MNR1**
delta-BHC	0.362	0.20	0.020	ug/l	0.500		72	55-115			
Dieldrin	0.401	0.10	0.030	ug/l	0.500		80	55-115			
Endosulfan I	0.383	0.10	0.030	ug/l	0.500		77	55-115			
Endosulfan II	0.410	0.10	0.040	ug/l	0.500		82	55-120			
Endosulfan sulfate	0.407	0.20	0.050	ug/l	0.500		81	60-120			
Endrin	0.437	0.10	0.030	ug/l	0.500		87	55-115			
Endrin aldehyde	0.365	0.10	0.050	ug/l	0.500		73	50-120			
Endrin ketone	0.407	0.10	0.040	ug/l	0.500		81	55-120			
gamma-BHC (Lindane)	0.352	0.10	0.030	ug/l	0.500		70	45-115			
Heptachlor	0.368	0.10	0.030	ug/l	0.500		74	45-115			
Heptachlor epoxide	0.370	0.10	0.030	ug/l	0.500		74	55-115			
Methoxychlor	0.469	0.10	0.040	ug/l	0.500		94	60-120			
Surrogate: Decachlorobiphenyl	*0.432*			*ug/l*	*0.500*		*86*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.353*			*ug/l*	*0.500*		*71*	*35-120*			
LCS Dup Analyzed: 03/05/2010 (10C0551-BSD1)											
2,4'-DDD	0.468	0.10	0.020	ug/l	0.500		94	55-120	5	30	
2,4'-DDE	0.331	0.10	0.020	ug/l	0.500		66	50-120	8	30	
2,4'-DDT	0.452	0.10	0.020	ug/l	0.500		90	55-120	5	30	
4,4'-DDD	0.458	0.10	0.030	ug/l	0.500		92	55-120	4	30	
4,4'-DDE	0.410	0.10	0.030	ug/l	0.500		82	50-120	7	30	
4,4'-DDT	0.425	0.10	0.030	ug/l	0.500		85	55-120	4	30	
Aldrin	0.344	0.10	0.030	ug/l	0.500		69	40-115	11	30	
alpha-BHC	0.385	0.10	0.020	ug/l	0.500		77	45-115	10	30	
beta-BHC	0.340	0.10	0.040	ug/l	0.500		68	55-115	9	30	
delta-BHC	0.390	0.20	0.020	ug/l	0.500		78	55-115	7	30	
Dieldrin	0.429	0.10	0.030	ug/l	0.500		86	55-115	7	30	
Endosulfan I	0.415	0.10	0.030	ug/l	0.500		83	55-115	8	30	
Endosulfan II	0.423	0.10	0.040	ug/l	0.500		85	55-120	3	30	
Endosulfan sulfate	0.424	0.20	0.050	ug/l	0.500		85	60-120	4	30	
Endrin	0.466	0.10	0.030	ug/l	0.500		93	55-115	7	30	
Endrin aldehyde	0.385	0.10	0.050	ug/l	0.500		77	50-120	5	30	
Endrin ketone	0.415	0.10	0.040	ug/l	0.500		83	55-120	2	30	
gamma-BHC (Lindane)	0.388	0.10	0.030	ug/l	0.500		78	45-115	10	30	
Heptachlor	0.411	0.10	0.030	ug/l	0.500		82	45-115	11	30	
Heptachlor epoxide	0.403	0.10	0.030	ug/l	0.500		81	55-115	8	30	

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Project Manager

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Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0551 Extracted: 03/04/10											
LCS Dup Analyzed: 03/05/2010 (10C0551-BSD1)											
Methoxychlor	0.485	0.10	0.040	ug/l	0.500		97	60-120	3	30	
Surrogate: Decachlorobiphenyl	*0.435*			*ug/l*	*0.500*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.390*			*ug/l*	*0.500*		*78*	*35-120*			

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Project Manager

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Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0171 Extracted: 03/02/10											
Blank Analyzed: 03/09/2010 (10C0171-BLK1)											
Calcium	0.0506	0.10	0.050	mg/l							*J*
Iron	ND	0.040	0.015	mg/l							
Magnesium	0.0164	0.020	0.012	mg/l							*J*
Potassium	ND	0.50	0.37	mg/l							
Sodium	ND	0.50	0.19	mg/l							
LCS Analyzed: 03/09/2010 (10C0171-BS1)											
Calcium	4.96	0.10	0.050	mg/l	5.00		99	80-120			
Iron	1.13	0.040	0.015	mg/l	1.00		113	80-120			
Magnesium	5.13	0.020	0.012	mg/l	5.00		103	80-120			
Potassium	10.0	0.50	0.37	mg/l	10.0		100	80-120			
Sodium	9.95	0.50	0.19	mg/l	10.0		99	80-120			*M-3*
Matrix Spike Analyzed: 03/09/2010 (10C0171-MS1)						**Source: ITC0042-01**					
Calcium	300	0.20	0.10	mg/l	5.00	299	33	75-125			*MHA*
Iron	32.0	0.080	0.030	mg/l	1.00	31.2	83	75-125			*MHA*
Magnesium	654	0.040	0.024	mg/l	5.00	655	-13	75-125			*MHA*
Potassium	28.9	1.0	0.74	mg/l	10.0	17.4	115	75-125			
Matrix Spike Dup Analyzed: 03/09/2010 (10C0171-MSD1)						**Source: ITC0042-01**					
Calcium	305	0.20	0.10	mg/l	5.00	299	129	75-125	2	20	*MHA*
Iron	31.2	0.080	0.030	mg/l	1.00	31.2	-3	75-125	3	20	*MHA*
Magnesium	661	0.040	0.024	mg/l	5.00	655	126	75-125	1	20	*MHA*
Potassium	30.5	1.0	0.74	mg/l	10.0	17.4	131	75-125	5	20	*M1*
Batch: 10C0228 Extracted: 03/02/10											
Blank Analyzed: 03/03/2010 (10C0228-BLK1)											
Aluminum	ND	5.0	4.3	mg/kg							

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0228 Extracted: 03/02/10											
LCS Analyzed: 03/03/2010 (10C0228-BS1)											
Aluminum	58.1	5.0	4.3	mg/kg	49.5		117	80-120			
Matrix Spike Analyzed: 03/04/2010 (10C0228-MS1)						**Source: ITB2701-04**					
Aluminum	9150	500	430	mg/kg	49.8	11100	-4000	75-125			*MHA*
Matrix Spike Dup Analyzed: 03/04/2010 (10C0228-MSD1)						**Source: ITB2701-04**					
Aluminum	8830	500	430	mg/kg	49.5	11100	-4680	75-125	4	20	*MHA*
Post Spike Analyzed: 03/04/2010 (10C0228-PS1)						**Source: ITB2701-04**					
Aluminum	404000	NA	N/A	mg/kg	16.0	446000	-260000	75-125			
Batch: 10C0235 Extracted: 03/02/10											
Blank Analyzed: 03/08/2010 (10C0235-BLK1)											
Calcium	14.3	15	6.2	mg/kg							*J*
Iron	14.8	5.0	1.5	mg/kg							*B*
Magnesium	2.94	10	1.0	mg/kg							*J*
Phosphorus	5.02	5.0	2.5	mg/kg							*B*
Potassium	ND	50	19	mg/kg							
Sodium	ND	50	24	mg/kg							
Tin	ND	10	1.3	mg/kg							
LCS Analyzed: 03/08/2010 (10C0235-BS1)											
Calcium	253	15	6.2	mg/kg	248		102	80-120			
Iron	50.6	5.0	1.5	mg/kg	49.5		102	80-120			
Magnesium	246	9.9	0.99	mg/kg	248		99	80-120			
Phosphorus	50.2	5.0	2.5	mg/kg	49.5		101	80-120			
Potassium	542	50	19	mg/kg	495		109	80-120			
Sodium	533	50	24	mg/kg	495		108	80-120			
Tin	55.8	9.9	1.3	mg/kg	49.5		113	80-120			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0235 Extracted: 03/02/10											
Matrix Spike Analyzed: 03/08/2010 (10C0235-MS1)						**Source: ITB2701-04**					
Calcium	21700	15	6.2	mg/kg	249	19100	1030	75-125			*MHA*
Iron	17600	5.0	1.5	mg/kg	49.8	19300	-3250	75-125			*MHA*
Magnesium	8400	10	1.0	mg/kg	249	8790	-160	75-125			*MHA*
Phosphorus	1070	5.0	2.5	mg/kg	49.8	986	177	75-125			*MHA*
Potassium	4480	50	19	mg/kg	498	4580	-21	75-125			*MHA*
Sodium	2080	50	24	mg/kg	498	1890	37	75-125			*MHA*
Tin	58.1	10	1.3	mg/kg	49.8	4.89	107	75-125			
Matrix Spike Dup Analyzed: 03/08/2010 (10C0235-MSD1)						**Source: ITB2701-04**					
Calcium	16600	15	6.2	mg/kg	248	19100	-1020	75-125	27	20	*MHA*
Iron	15600	5.0	1.5	mg/kg	49.5	19300	-7470	75-125	13	20	*MHA*
Magnesium	7530	9.9	0.99	mg/kg	248	8790	-511	75-125	11	20	*MHA*
Phosphorus	1110	5.0	2.5	mg/kg	49.5	986	255	75-125	3	20	*MHA*
Potassium	4350	50	19	mg/kg	495	4580	-46	75-125	3	20	*MHA*
Sodium	2100	50	24	mg/kg	495	1890	42	75-125	1	20	*MHA*
Tin	57.9	9.9	1.3	mg/kg	49.5	4.89	107	75-125	0.2	20	
Batch: 10C0382 Extracted: 03/03/10											
Blank Analyzed: 03/03/2010 (10C0382-BLK1)											
Mercury	ND	0.00020	0.00010	mg/l							
LCS Analyzed: 03/03/2010 (10C0382-BS1)											
Mercury	0.00792	0.00020	0.00010	mg/l	0.00800		99	80-120			
Matrix Spike Analyzed: 03/03/2010 (10C0382-MS1)						**Source: ITB2842-01**					
Mercury	0.00764	0.00020	0.00010	mg/l	0.00800	ND	96	70-130			

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Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0382 Extracted: 03/03/10											
Matrix Spike Dup Analyzed: 03/03/2010 (10C0382-MSD1)						**Source: ITB2842-01**					
Mercury	0.00771	0.00020	0.00010	mg/l	0.00800	ND	96	70-130	0.9	20	
Batch: 10C0710 Extracted: 03/05/10											
Blank Analyzed: 03/05/2010 (10C0710-BLK1)											
Mercury	ND	0.020	0.012	mg/kg							
LCS Analyzed: 03/05/2010 (10C0710-BS1)											
Mercury	0.777	0.020	0.012	mg/kg	0.800		97	80-120			
Matrix Spike Analyzed: 03/05/2010 (10C0710-MS1)						**Source: ITB2701-03**					
Mercury	0.776	0.020	0.012	mg/kg	0.800	ND	97	70-130			
Matrix Spike Dup Analyzed: 03/05/2010 (10C0710-MSD1)						**Source: ITB2701-03**					
Mercury	0.779	0.020	0.012	mg/kg	0.800	ND	97	70-130	0.5	20	
Batch: 10C0720 Extracted: 03/05/10											
Blank Analyzed: 03/08/2010 (10C0720-BLK1)											
Aluminum	ND	10	8.5	ug/l							
LCS Analyzed: 03/09/2010 (10C0720-BS1)											
Aluminum	82.3	10	8.5	ug/l	80.0		103	80-120			
Matrix Spike Analyzed: 03/09/2010 (10C0720-MS1)						**Source: ITC0017-01**					
Aluminum	284	10	8.5	ug/l	80.0	191	117	75-125			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0720 Extracted: 03/05/10											
Matrix Spike Dup Analyzed: 03/09/2010 (10C0720-MSD1)						**Source: ITC0017-01**					
Aluminum	345	10	8.5	ug/l	80.0	191	193	75-125	19	20	*M1*
Post Spike Analyzed: 03/09/2010 (10C0720-PS1)						**Source: ITC0017-01**					
Aluminum	317	NA	N/A	ug/l	16.0	191	793	0-200			

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Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

DISSOLVED INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10B3240 Extracted: 02/26/10											
Blank Analyzed: 02/26/2010 (10B3240-BLK1)											
Chromium VI	ND	0.0020	0.00025	mg/l							
LCS Analyzed: 02/26/2010 (10B3240-BS1)											
Chromium VI	0.0486	0.0020	0.00025	mg/l	0.0500		97	90-110			
Matrix Spike Analyzed: 02/26/2010 (10B3240-MS1)						**Source: ITB2702-18**					
Chromium VI	0.0505	0.0020	0.00025	mg/l	0.0500	ND	101	85-115			
Matrix Spike Dup Analyzed: 02/26/2010 (10B3240-MSD1)						**Source: ITB2702-18**					
Chromium VI	0.0504	0.0020	0.00025	mg/l	0.0500	ND	101	85-115	0.3	20	

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0053 Extracted: 03/01/10											
Duplicate Analyzed: 03/01/2010 (10C0053-DUP1)						**Source: ITB2701-08**					
pH	7.70	0.100	0.100	pH Units		7.65			0.7	5	
Batch: 10C0055 Extracted: 03/01/10											
Duplicate Analyzed: 03/02/2010 (10C0055-DUP1)						**Source: ITB2701-08**					
Redox Potential (Eh)	438	0.10	0.10	mV		438			0	5	
Batch: 10C0419 Extracted: 03/03/10											
Blank Analyzed: 03/04/2010 (10C0419-BLK1)											
Chromium VI	ND	0.20	0.12	mg/kg							
LCS Analyzed: 03/04/2010 (10C0419-BS1)											
Chromium VI	15.1	0.20	0.12	mg/kg	16.0		94	65-110			
Matrix Spike Analyzed: 03/04/2010 (10C0419-MS1)						**Source: ITB2635-10**					
Chromium VI	15.8	0.20	0.12	mg/kg	16.1	0.540	95	55-110			
Matrix Spike Analyzed: 03/04/2010 (10C0419-MS2)						**Source: ITB2701-03**					
Chromium VI	12.5	0.20	0.12	mg/kg	16.0	ND	78	55-110			
Matrix Spike Analyzed: 03/04/2010 (10C0419-MS3)						**Source: ITB2635-10**					
Chromium VI	1320	20	12	mg/kg	1460	0.540	91	55-110			
Matrix Spike Analyzed: 03/04/2010 (10C0419-MS4)						**Source: ITB2701-03**					
Chromium VI	1570	20	12	mg/kg	1670	ND	94	55-110			

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METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 10C0419 Extracted: 03/03/10											
Matrix Spike Dup Analyzed: 03/04/2010 (10C0419-MSD1)						**Source: ITB2635-10**					
Chromium VI	14.7	0.20	0.12	mg/kg	15.9	0.540	89	55-110	8	20	
Matrix Spike Dup Analyzed: 03/04/2010 (10C0419-MSD2)						**Source: ITB2701-03**					
Chromium VI	14.2	0.20	0.12	mg/kg	16.0	ND	89	55-110	13	20	

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METHOD BLANK/QC DATA

SW846 6010B

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 61245 Extracted: 03/02/10											
Blank Analyzed: 03/04/2010 (F0C020000245B)						**Source:**					
Sulfur	ND	5000	267	ug/L				-			
LCS Analyzed: 03/04/2010 (F0C020000245C)						**Source:**					
Sulfur	10500	5000	267	ug/L	10000		105	80-120			
LCS Dup Analyzed: 03/04/2010 (F0C020000245L)						**Source:**					
Sulfur	10400	5000	267	ug/L	10000		104	80-120	1.2	20	
Batch: 62054 Extracted: 03/03/10											
Matrix Spike Dup Analyzed: 03/08/2010 (F0C020457002D)						**Source: ITB2701-02**					
Sulfur	1350	500	21.7	mg/kg	1000	349	100	75-125	4.2	30	
Matrix Spike Analyzed: 03/08/2010 (F0C020457002S)						**Source: ITB2701-02**					
Sulfur	1410	500	21.7	mg/kg	1000	349	106	75-125			
Blank Analyzed: 03/08/2010 (F0C030000054B)						**Source:**					
Sulfur	ND	500	21.7	mg/kg				-			
LCS Analyzed: 03/08/2010 (F0C030000054C)						**Source:**					
Sulfur	1080	500	21.7	mg/kg	1000		108	80-120			

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METHOD BLANK/QC DATA

Metals (ICP/MS)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5903 Extracted: 03/03/10											
Blank Analyzed: 03/04/2010 (280-6221-88)						**Source:**					
Antimony	0.0192	0.20	0.014	mg/Kg				-			*Ja*
Arsenic	ND	0.60	0.051	mg/Kg				-			
Barium	ND	0.20	0.070	mg/Kg				-			
Beryllium	ND	0.10	0.022	mg/Kg				-			
Cadmium	ND	0.10	0.0094	mg/Kg				-			
Chromium	ND	0.20	0.076	mg/Kg				-			
Cobalt	ND	0.10	0.0066	mg/Kg				-			
Copper	ND	0.25	0.071	mg/Kg				-			
Lead	ND	0.15	0.018	mg/Kg				-			
Manganese	ND	0.25	0.033	mg/Kg				-			
Molybdenum	ND	0.20	0.018	mg/Kg				-			
Nickel	ND	0.15	0.025	mg/Kg				-			
Selenium	ND	0.50	0.13	mg/Kg				-			
Silver	ND	0.10	0.020	mg/Kg				-			
Thallium	ND	0.10	0.0035	mg/Kg				-			
Uranium	ND	0.10	0.0016	mg/Kg				-			
Vanadium	ND	0.50	0.039	mg/Kg				-			
Zinc	ND	1.0	0.32	mg/Kg				-			
LCS Analyzed: 03/04/2010 (280-6221-89)						**Source:**					
Antimony	19.4	0.20	0.014	mg/Kg	20.0		97	82-110			
Arsenic	19.1	0.60	0.051	mg/Kg	20.0		95	83-111			
Barium	20.1	0.20	0.070	mg/Kg	20.0		100	86-120			
Beryllium	19.6	0.10	0.022	mg/Kg	20.0		98	70-136			
Cadmium	19.1	0.10	0.0094	mg/Kg	20.0		95	85-109			
Chromium	19.8	0.20	0.076	mg/Kg	20.0		99	87-121			
Cobalt	20.1	0.10	0.0066	mg/Kg	20.0		101	91-113			
Copper	19.4	0.25	0.071	mg/Kg	20.0		97	87-125			
Lead	19.8	0.15	0.018	mg/Kg	20.0		99	81-125			
Manganese	19.7	0.25	0.033	mg/Kg	20.0		98	86-120			
Molybdenum	20.2	0.20	0.018	mg/Kg	20.0		101	80-120			
Nickel	19.6	0.15	0.025	mg/Kg	20.0		98	90-113			
Selenium	19.5	0.50	0.13	mg/Kg	20.0		97	78-108			
Silver	19.3	0.10	0.020	mg/Kg	20.0		97	83-113			
Thallium	20.3	0.10	0.0035	mg/Kg	20.0		102	84-124			
Uranium	20.6	0.10	0.0016	mg/Kg	20.0		103	85-123			

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Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

Metals (ICP/MS)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5903 Extracted: 03/03/10											
LCS Analyzed: 03/04/2010 (280-6221-89)						**Source:**					
Vanadium	19.6	0.50	0.039	mg/Kg	20.0		98	88-114			
Zinc	19.4	1.0	0.32	mg/Kg	20.0		97	85-119			
Matrix Spike Dup Analyzed: 03/04/2010 (9681D)						**Source: ITB2701-02**					
Antimony	2.07	0.19	0.013	mg/Kg	19.2	0.020	11	82-110	11	20	*F*
Arsenic	20.1	0.58	0.049	mg/Kg	19.2	2.9	89	83-111	7	20	
Barium	154	0.19	0.068	mg/Kg	19.2	120	188	86-120	2	20	*4*
Beryllium	18.4	0.096	0.022	mg/Kg	19.2	0.51	93	70-136	3	20	
Cadmium	18.3	0.096	0.0090	mg/Kg	19.2	0.48	93	85-109	8	20	
Chromium	27.1	0.19	0.073	mg/Kg	19.2	7.3	103	87-121	5	20	
Cobalt	24.4	0.096	0.0064	mg/Kg	19.2	5.4	99	91-113	7	20	
Copper	28.7	0.24	0.068	mg/Kg	19.2	13	81	87-125	27	20	*F*
Lead	24.9	0.14	0.017	mg/Kg	19.2	7.1	92	81-125	7	20	
Manganese	347	0.24	0.032	mg/Kg	19.2	310	176	86-120	0	20	*4*
Molybdenum	16.0	0.19	0.017	mg/Kg	19.2	0.31	82	80-120	3	20	
Nickel	31.5	0.14	0.024	mg/Kg	19.2	13	99	90-113	6	20	
Selenium	17.8	0.48	0.13	mg/Kg	19.2	1.2	86	78-108	6	20	
Silver	14.9	0.096	0.020	mg/Kg	19.2	0.055	77	83-113	3	20	*F*
Thallium	18.1	0.096	0.0034	mg/Kg	19.2	0.11	94	84-124	6	20	
Uranium	19.7	0.096	0.0015	mg/Kg	19.2	0.86	98	85-123	6	20	
Vanadium	40.8	0.48	0.037	mg/Kg	19.2	20	108	88-114	4	20	
Zinc	45.5	0.96	0.30	mg/Kg	19.2	29	87	85-119	5	20	
Matrix Spike Analyzed: 03/04/2010 (9681S)						**Source: ITB2701-02**					
Antimony	2.31	0.18	0.012	mg/Kg	17.7	0.020	13	82-110			*F*
Arsenic	18.8	0.53	0.045	mg/Kg	17.7	2.9	90	83-111			
Barium	157	0.18	0.062	mg/Kg	17.7	120	221	86-120			*4*
Beryllium	17.8	0.088	0.020	mg/Kg	17.7	0.51	98	70-136			
Cadmium	16.9	0.088	0.0083	mg/Kg	17.7	0.48	93	85-109			
Chromium	25.8	0.18	0.067	mg/Kg	17.7	7.3	105	87-121			
Cobalt	22.7	0.088	0.0059	mg/Kg	17.7	5.4	98	91-113			
Copper	37.6	0.22	0.063	mg/Kg	17.7	13	138	87-125			*F*
Lead	23.2	0.13	0.016	mg/Kg	17.7	7.1	91	81-125			
Manganese	345	0.22	0.029	mg/Kg	17.7	310	183	86-120			*4*
Molybdenum	15.6	0.18	0.016	mg/Kg	17.7	0.31	86	80-120			
Nickel	29.8	0.13	0.022	mg/Kg	17.7	13	97	90-113			

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)
2100 Main Street, Suite 150
Huntington Beach, CA 92648
Attention: Scott Rowlands

Project ID: Dichlorobenzil Warehouse Area
Henderson NV
Report Number: ITB2701

Sampled: 02/25/10
Received: 02/26/10

METHOD BLANK/QC DATA

Metals (ICP/MS)

Analyte	Result	Reporting Limit	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5903 Extracted: 03/03/10											
Matrix Spike Analyzed: 03/04/2010 (9681S)						**Source: ITB2701-02**					
Selenium	16.8	0.44	0.12	mg/Kg	17.7	1.2	88	78-108			
Silver	14.4	0.088	0.018	mg/Kg	17.7	0.055	81	83-113			*F*
Thallium	17.1	0.088	0.0031	mg/Kg	17.7	0.11	96	84-124			
Uranium	18.5	0.088	0.0014	mg/Kg	17.7	0.86	100	85-123			
Vanadium	39.2	0.44	0.034	mg/Kg	17.7	20	108	88-114			
Zinc	43.1	0.88	0.28	mg/Kg	17.7	29	81	85-119			*F*

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Amy Harris
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID:	Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150		Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number:	ITB2701	Received: 02/26/10
Attention: Scott Rowlands			

DATA QUALIFIERS AND DEFINITIONS

4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
B	Analyte was detected in the associated Method Blank.
B-1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
Ba	Compound was found in the blank and sample.
Bb	Estimated result. Result is less than RL.
F	MS or MSD exceeds the control limits
H	Sample analysis performed past method-specified holding time.
J	Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.
Ja	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-3	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

TestAmerica Irvine

Amy Harris
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID: Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150	Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number: ITB2701	Received: 02/26/10
Attention: Scott Rowlands		

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
3060A/7199	Soil	X	X
EPA 3510C/8081A	Water	X	
EPA 3545/8081A	Soil	X	
EPA 6010B	Soil	X	X
EPA 6010B	Water	X	X
EPA 6020	Soil	X	X
EPA 6020	Water	X	X
EPA 7199	Water	X	
EPA 7470A	Water	X	
EPA 7471A	Soil	X	
EPA 8270C	Soil	X	
EPA 8270C	Water	X	X
EPA 9045C	Soil	X	
MS/MSD	Soil		
SM 2580B	Soil	N/A	N/A

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

Subcontracted Laboratories

EMSL - New Jersey - SUB

107 Haddon Ave - Westmont, NJ 08108

Analysis Performed: Asbestos-TEM (100.1 - WW)
Samples: ITB2701-01

Analysis Performed: Asbestos-TEM (Soil)
Samples: ITB2701-09, ITB2701-10, ITB2701-11, ITB2701-12, ITB2701-13, ITB2701-14, ITB2701-15

TestAmerica Denver

4955 Yarrow Street - Arvada, CO 80002

Method Performed: 6020
Samples: ITB2701-02, ITB2701-03, ITB2701-04, ITB2701-05, ITB2701-06, ITB2701-07, ITB2701-08

TestAmerica Irvine

Amy Harris
Project Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Geosyntec Consultants (Henderson)	Project ID: Dichlorobenzil Warehouse Area	
2100 Main Street, Suite 150	Henderson NV	Sampled: 02/25/10
Huntington Beach, CA 92648	Report Number: ITB2701	Received: 02/26/10
Attention: Scott Rowlands		

TestAmerica Savannah

5102 La Roche Avenue - Savannah, GA 31404

Analysis Performed: Phosphorus-6010B
Samples: ITB2701-01

Analysis Performed: Tin-6010B
Samples: ITB2701-01

TestAmerica St. Louis

13715 Rider Trail North - Earth City, MO 63045

Method Performed: SW846 6010B
Samples: ITB2701-01, ITB2701-02, ITB2701-03, ITB2701-04, ITB2701-05, ITB2701-06, ITB2701-07, ITB2701-08

TestAmerica Irvine

Amy Harris
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

ITB 2701 - ADD

17461 Derian Avenue, Ste. 100 Irvine, CA 92614 (949) 261-1022 FAX (949) 261-1228

ADDITIONAL ANALYSIS REQUEST FORM

Date: 3/1/10 Project Manager: AWH

Client: Geosyntec Henderson Contact:

Project: Dichlorobenzil Warehouse

Date Sampled: 2/25/10 Date Received: 2/26/10

Request Via:

☐ Telephone ☐ COC Form ☐ Fax ☐ E-mail ☐ Other

Status:

☐ In Progress ☐ Completed ☐ Received Today ☐ Received Yesterday

☒ On Hold ☐ Other - nothing marked on COC but client needs asbestos

Turn Around Time:

☐ Same Day ☐ 24HR ☐ 48HR ☐ 3Day ☐ 5Day ☐ Standard ☐ No Rush Charge

Work Order Number	Sample Description	Analysis Requested	Special Requirements
ITB2701-09	SB-1	Asbestos	sub to EMSL New Jersey
ITB2701-10	SB-2	"	"
IB2701-11	SB-17	"	"

* Take samples off hold and log in asbestos in existing work order

* Due date = 3/9/10

O.O 3/2/10 13:50

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave., #100 Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY

IB2701

Client Name/Address:
Geosyntec Consultants
2100 Main Street, Suite 150
Huntington Beach, CA 92648

Project / PO Number:
HW0989E

Project Manager:
Scott Rolands

Phone Number:
(714) 969-0800

Sampler:
Kyle Gadley

Fax Number:
(714) 969-0820

ANALYSIS REQUIRED

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Site Specific Metals*	Chromium VI by EPA 7199	Sulfur by EPA 6010	Pesticides by EPA 8081	Dichlorbenzil by EPA 8270	Asbestos ~~by Elutriator~~ TEM Method	White Phosphorus by 7580M			Special Instructions
SB-1-0.5	Soil	9 oz Glass Jar	2	2.25.10	0915	None	X	X	X	X	X					*Metals include (Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Tl, V, Zn, U by EPA 6020; Hg by 7470; Ca, Fe, Mg, P, K, Na, Sn by 6010)
SB-1-3			4		0925											
FD-022510			4		0930											
SB-2-0.5			2		0945											
SB-2-3			4		0955											
SB-17-0.5			2		1000											
SB-17-3			4		1010											
SB-1			1		0940											
SB-2			1		0950											
SB-17			1		1015											
END																

OO 2/26/10 16:10

Relinquished By	Date/Time:	Received by	Date/Time:
[signature]	2/25/10 - 1245	[signature]	2/25/10 1245
[signature]	2/25/10 1600	Received by	Date/Time:
Relinquished By	Date/Time:	Received in Lab by	Date/Time: 11:10
		VuBaul	2/26/10

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X

Sample Integrity: (Check)
Intact ✓ On Ice: ✓ Custody Seal: ✓

4.8 °C

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

31 COVER ONLY 26/08 8.8

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Ave., #100 Irvine, CA 92614 (949) 261-1022 FAX (949) 260-3297
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

CHAIN OF CUSTODY

Client Name/Address:
Geosyntec Consultants
2100 Main Street, Suite 150
Huntington Beach, CA 92648

Project / PO Number:

Project Manager:
Scott Rolands

Phone Number:
(714) 969-0800

Sampler:
K. Gadley

Fax Number:
(714) 969-0820

ANALYSIS REQUIRED

Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Site Specific Metals*	Chromium VI by EPA 7199	Sulfur by EPA 6010	Pesticides by EPA 8081	Dichlorbenzil by EPA 8270	Asbestos by ~~Elutriator~~ TEM Method	White Phosphorus by 7580M			Special Instructions
FTF-38	Soil	9 oz Glass Jar	1	2.25.10	1100	None						X				*Metals include (Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Mo, Ni, Se, Ag, Tl, V, Zn, U by EPA 6020; Hg by 7470; Ca, Fe, Mg, P, K, Na, Sn by 6010)
FTF-37	↓	↓	↓	↓	1105	↓						↓				
FD2-022510					1108											
FTF-41					1120											
EB-022510	Water	1L Amber	2	2.25.10	1200	None	X	X	X	X	X	X				Preserve at Lab

Relinquished By	Date/Time:	Received by	Date/Time:
[signature]	2/25/10 - 1245	[signature]	2/25/10 1245
[signature]	2/25/10 1600		
		Received in Lab by	Date/Time:
		[signature]	2/26/10 11:10

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X

4.8°C

Sample Integrity: (Check)
Intact ✓ On Ice: ✓ Custody Seal: ✓

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

9.8 c

EMSL Analytical, Inc.
107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292
Email: WestmontAsbLab@emsl.com

Attn:	*Amy Harris*	**Customer ID:**	TEST72
	Test America-Irvine, CA	**Customer PO:**	NA
	17461 Derian Avenue Suite 100	**Received:**	1/0/00 12:00 AM
	Irvine, CA 92614	**EMSL Order:**	091001963
Phone:	(949)261-1022	**Date Prepared:**	3/18/2010
Fax:	(949)260-3297	**Analysis Date(s):**	4/22/2010
Project:	/		
Date Sampled:	**Unavailable**	**Report Date:**	**5/1/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001963-0002		Mass of Respirable Dust on Filter:	0.000148	g
Customer Sample Number:	ITB2701-09		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	67	
Magnification used for fiber counting:	19,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	F Craig	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	4.2	%
>3/8"	27.350	g	Air Flow Rate Through ME opening of Dust Generator	1413.00	ml/min
Not Used <3/8"	248.880	g	Air Flow Rate Through IST opening of Dust Generator	93.00	ml/min
Used in Tumbler <3/8"	47.900	g	Estimated Total Air Flow Through Elutriator	1506.00	ml/min

Analytical Sensitivity: 2.99E+06 Structure/g PM10 Limit of Detection: 8.93E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) N/A

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.		Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤ 10um	**CD/ADX**	**0**	**0**	**<**	**3.44**	**< 8.93E+06**	**NA**	**8.93E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	<	3.44	< 8.93E+06	NA	8.93E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	<	3.44	< 8.93E+06	NA	8.93E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**0**	**<**	**3.44**	**< 8.93E+06**	**NA**	**8.93E+06**
Asbestos Structures >10 um (Chrys)	CD	0	0	<	3.44	< 8.93E+06	NA	8.93E+06
Asbestos Structures >10 um (Amph)	ADX	0	0	<	3.44	< 8.93E+06	NA	8.93E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**0**	**<**	**3.44**	**< 8.93E+06**	**NA**	**8.93E+06**
Protocol Asbestos Structures(Chrys)	CD	0	0	<	3.44	< 8.93E+06	NA	8.93E+06
Protocol Asbestos Structures (Amph)	ADX	0	0	<	3.44	< 8.93E+06	NA	8.93E+06
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**					

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton

Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc.
107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292
Email: WestmontAsbLab@emsl.com

Attn:	*Amy Harris*	**Customer ID:**	TEST72
	Test America-Irvine, CA	**Customer PO:**	NA
	17461 Derian Avenue Suite 100	**Received:**	1/0/00 12:00 AM
	Irvine, CA 92614	**EMSL Order:**	091001963
Phone:	(949)261-1022	**Date Prepared:**	3/18/2010
Fax:	(949)260-3297	**Analysis Date(s):**	4/22/2010
Project:	/		4/26/2010
Date Sampled:	**Unavailable**	**Report Date:**	**5/1/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001963-0003		Mass of Respirable Dust on Filter:	0.000127	g
Customer Sample Number:	ITB2701-10		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	78	
Magnification used for fiber counting:	19,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	F Craig	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	3.5	%
>3/8"	6.460	g	Air Flow Rate Through ME opening of Dust Generator	1409.00	ml/min
Not Used <3/8"	261.290	g	Air Flow Rate Through IST opening of Dust Generator	89.00	ml/min
Used in Tumbler <3/8"	57.420	g	Estimated Total Air Flow Through Elutriator	1498.00	ml/min

Analytical Sensitivity: 2.99E+06 Structure/g PM10 Limit of Detection: 8.94E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) N/A

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.		Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤ 10um	**CD/ADX**	**0**	**0**	**<**	**2.96**	**< 8.94E+06**	**NA**	**8.94E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**0**	**<**	**2.96**	**< 8.94E+06**	**NA**	**8.94E+06**
Asbestos Structures >10 um (Chrys)	CD	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Asbestos Structures >10 um (Amph)	ADX	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**0**	**<**	**2.96**	**< 8.94E+06**	**NA**	**8.94E+06**
Protocol Asbestos Structures(Chrys)	CD	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Protocol Asbestos Structures (Amph)	ADX	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**					

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton

Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc.
107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292
Email: WestmontAsbLab@emsl.com

Attn:	*Amy Harris*	**Customer ID:**	TEST72
	Test America-Irvine, CA	**Customer PO:**	NA
	17461 Derian Avenue Suite 100	**Received:**	1/0/00 12:00 AM
	Irvine, CA 92614	**EMSL Order:**	091001963
Phone:	(949)261-1022	**Date Prepared:**	3/18/2010
Fax:	(949)260-3297	**Analysis Date(s):**	4/26/2010
Project:	/		
Date Sampled:	**Unavailable**	**Report Date:**	**5/1/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001963-0004		Mass of Respirable Dust on Filter:	0.000127	g
Customer Sample Number:	ITB2701-11		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	78	
Magnification used for fiber counting:	19,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	F Craig	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	4.7	%
>3/8"	21.990	g	Air Flow Rate Through ME opening of Dust Generator	1443.00	ml/min
Not Used <3/8"	200.440	g	Air Flow Rate Through IST opening of Dust Generator	100.00	ml/min
Used in Tumbler <3/8"	67.850	g	Estimated Total Air Flow Through Elutriator	1543.00	ml/min

Analytical Sensitivity: 2.99E+06 Structure/g PM10 Limit of Detection: 8.94E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) N/A

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.		Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤ 10um	**CD/ADX**	**0**	**0**	**<**	**2.96**	**< 8.94E+06**	**NA**	**8.94E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**0**	**<**	**2.96**	**< 8.94E+06**	**NA**	**8.94E+06**
Asbestos Structures >10 um (Chrys)	CD	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Asbestos Structures >10 um (Amph)	ADX	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**0**	**<**	**2.96**	**< 8.94E+06**	**NA**	**8.94E+06**
Protocol Asbestos Structures(Chrys)	CD	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Protocol Asbestos Structures (Amph)	ADX	0	0	<	2.96	< 8.94E+06	NA	8.94E+06
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**					

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton

Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963 -0002
Client Sample ID:	ITB2701-09

Date:	3/18/2010
System:	4
Operator:	JS

Sample Drying:

Temperature (C):	55
Start Date:	3/15/2010
End Date:	3/17/2010

Sample Weight (g)			Total Dried Sample Weight (g)		
Pre Drying	338.46	g	>3/8"	27.35	g
Post Drying	324.13	g	<3/8"	47.9	g (In Tumbler)
% moisure	4.2		<3/8"	248.88	g (Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	17-Mar-10	18:30	18-Mar-10	12:35
Tumbling	18-Mar-10	12:35	18-Mar-10	17:35

Tumbling Speed

30	rpm

1413	93	mL/min
ME	IST	

% Moisture from surrogate sample

Pre Dry	g	% Moisture
Post Dry	g	

Reviewed:	AC
Date:	3/23/2010

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**15**			**Resp.%=**	ME Filter Information
Emission rate	**k=**	**0.0053**			**0.03132**	

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	25.644	29.012	20	3.368	20	2.454	20	2.4538	2.7081
2	ME	25.572	27.844	20	5.640	40	2.236	40	2.2364	2.7081
3	ME	25.326	26.655	23	6.969	63	2.083	63	2.0833	2.7081
4	ME	24.975	25.927	27	7.921	90	1.957	90	1.9571	2.7081
5	ME	25.423	26.330	30	8.828	120	1.820	120	1.8200	2.7081
10	ME	25.696	26.531	33	9.663	153	1.675	153	1.6747	2.7081
12	ME	25.561	26.368	36	10.470	189	1.511	189	1.5107	2.7081
13	ME	25.296	26.194	40	11.368	229	1.290	229	1.2898	2.7081
14	ME	25.529	26.433	40	12.272	269	1.004	269	1.0036	2.7081
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Remove Contents of cells that have no data

107 Haddon Avenue, Westmont, NJ 08108

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963-0002
Client Sample ID:	ITB2701-09

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
6	IST	26.597	26.745	0.148
7	IST	27.125	27.226	0.101
8	IST	27.014	27.131	0.117
9	IST	26.917	27.027	0.110
11	IST	26.514	26.619	0.105
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

Filters sent to another lab for analysis
6
8

Filter Lot Used	Filter Type:	Pore Size
80812200E	MCE	0.2
		microns

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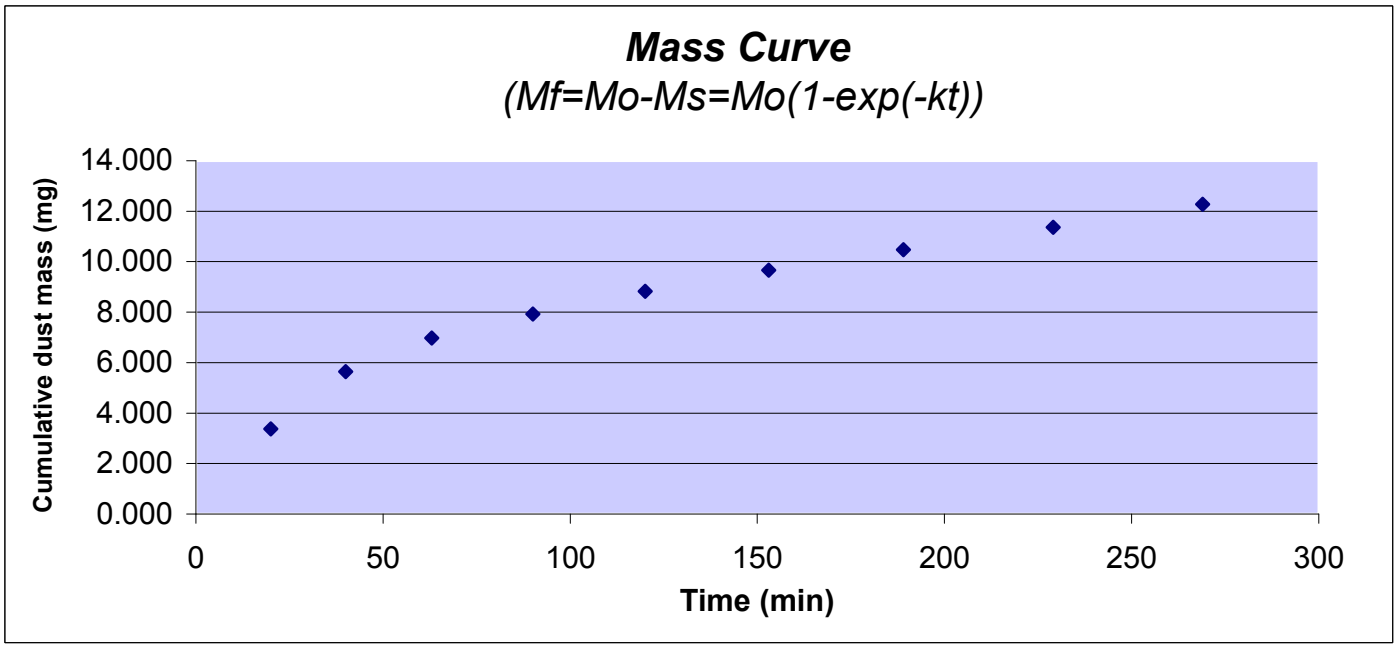
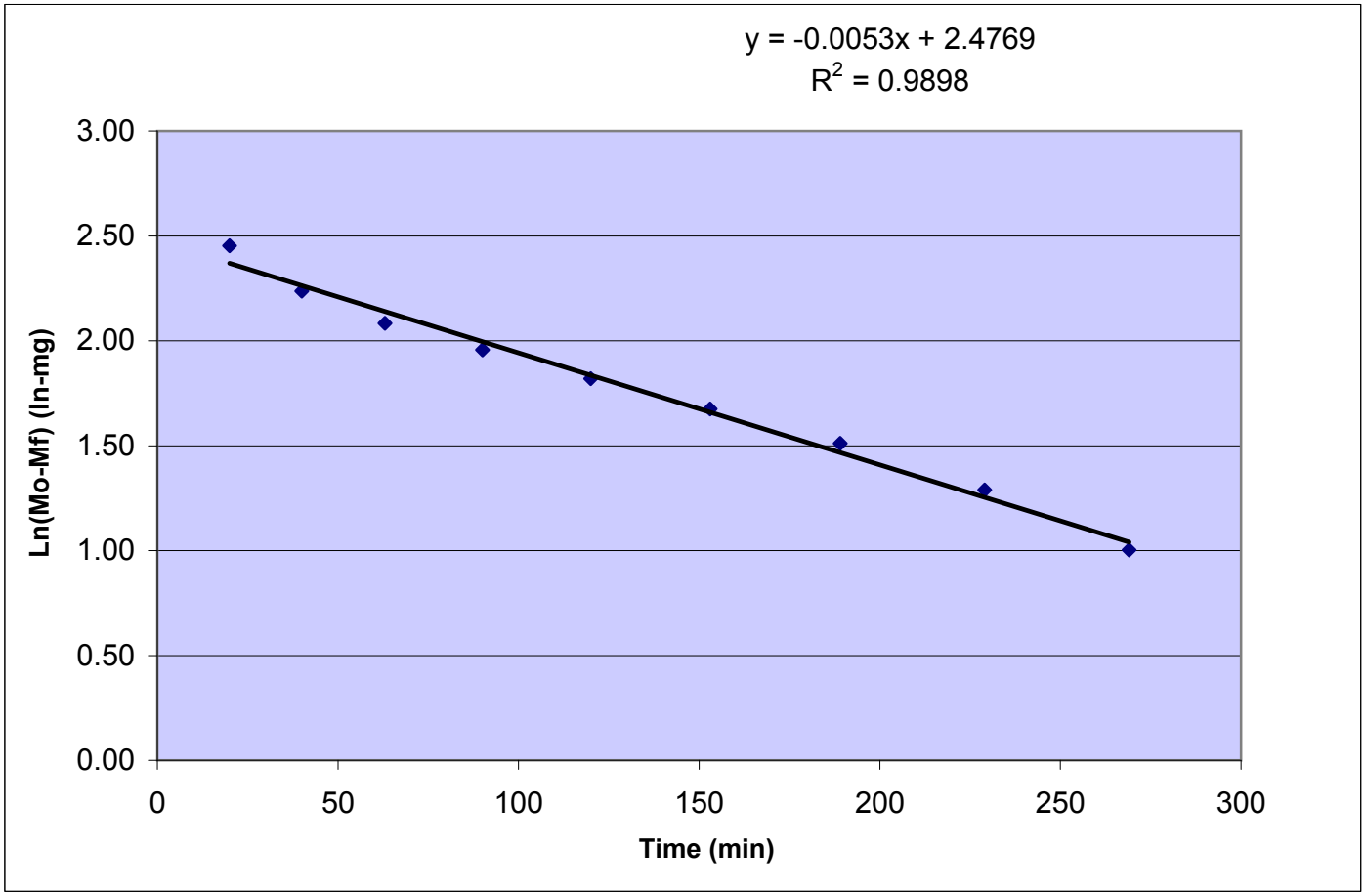
EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963-0002
Client Sample ID:	ITB2701-09





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Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963 -0003
Client Sample ID:	ITB2701-10

Date:	3/18/2010
System:	2
Operator:	JS

Sample Drying:

Temperature (C):	55
Start Date:	3/15/2010
End Date:	3/17/2010

Sample Weight (g)		Total Dried Sample Weight (g)		
Pre Drying	336.83 g	>3/8"	6.46 g	
Post Drying	325.17 g	<3/8"	57.42 g	(In Tumbler)
% moisure	3.5	<3/8"	261.29 g	(Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	17-Mar-10	18:30	18-Mar-10	14:55
Tumbling	18-Mar-10	14:55	18-Mar-10	19:55

Tumbling Speed

30	rpm

% Moisture from surrogate sample

Pre Dry	g	% Moisture
Post Dry	g	

Reviewed:	AC
Date:	3/23/2010

1409	89	mL/min
ME	IST	

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**76**				**Resp.%=**	
Emission rate	**k=**	**0.0057**				**0.13236**	ME Filter Information

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	25.088	35.851	20	10.763	20	4.178	20	4.1780	4.3307
2	ME	25.423	33.265	12	18.605	32	4.050	32	4.0500	4.3307
3	ME	25.438	29.692	10	22.859	42	3.973	42	3.9729	4.3307
4	ME	24.870	28.910	12	26.899	54	3.894	54	3.8939	4.3307
5	ME	24.901	28.824	15	30.822	69	3.811	69	3.8106	4.3307
6	ME	25.659	30.164	20	35.327	89	3.706	89	3.7056	4.3307
7	ME	25.571	30.274	23	40.030	112	3.583	112	3.5827	4.3307
11	ME	25.150	29.875	27	44.755	139	3.442	139	3.4419	4.3307
14	ME	25.238	29.897	30	49.414	169	3.280	169	3.2804	4.3307
15	ME	25.453	29.308	30	53.269	199	3.124	199	3.1237	4.3307
16	ME	24.999	28.971	34	57.241	233	2.932	233	2.9317	4.3307
17	ME	24.994	29.517	40	61.764	273	2.656	273	2.6558	4.3307
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Remove Contents of cells that have no data

107 Haddon Avenue, Westmont, NJ 08108

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963-0003
Client Sample ID:	ITB2701-10

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
8	IST	26.555	26.682	0.127
9	IST	27.037	27.14	0.103
10	IST	26.985	27.111	0.126
12	IST	26.924	27.024	0.100
13	IST	26.456	26.56	0.104
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

Filters sent to another lab for analysis
8
10

Filter Lot Used	Filter Type: Pore Size	
80812200E	MCE	0.2
		microns

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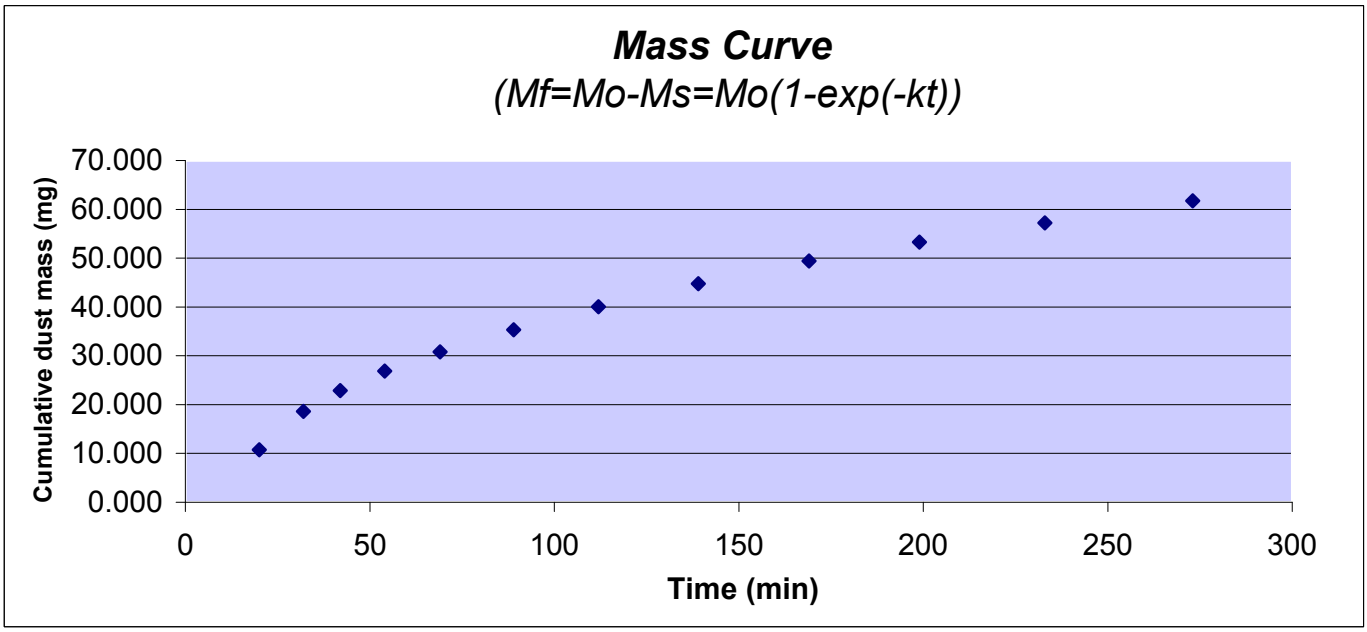
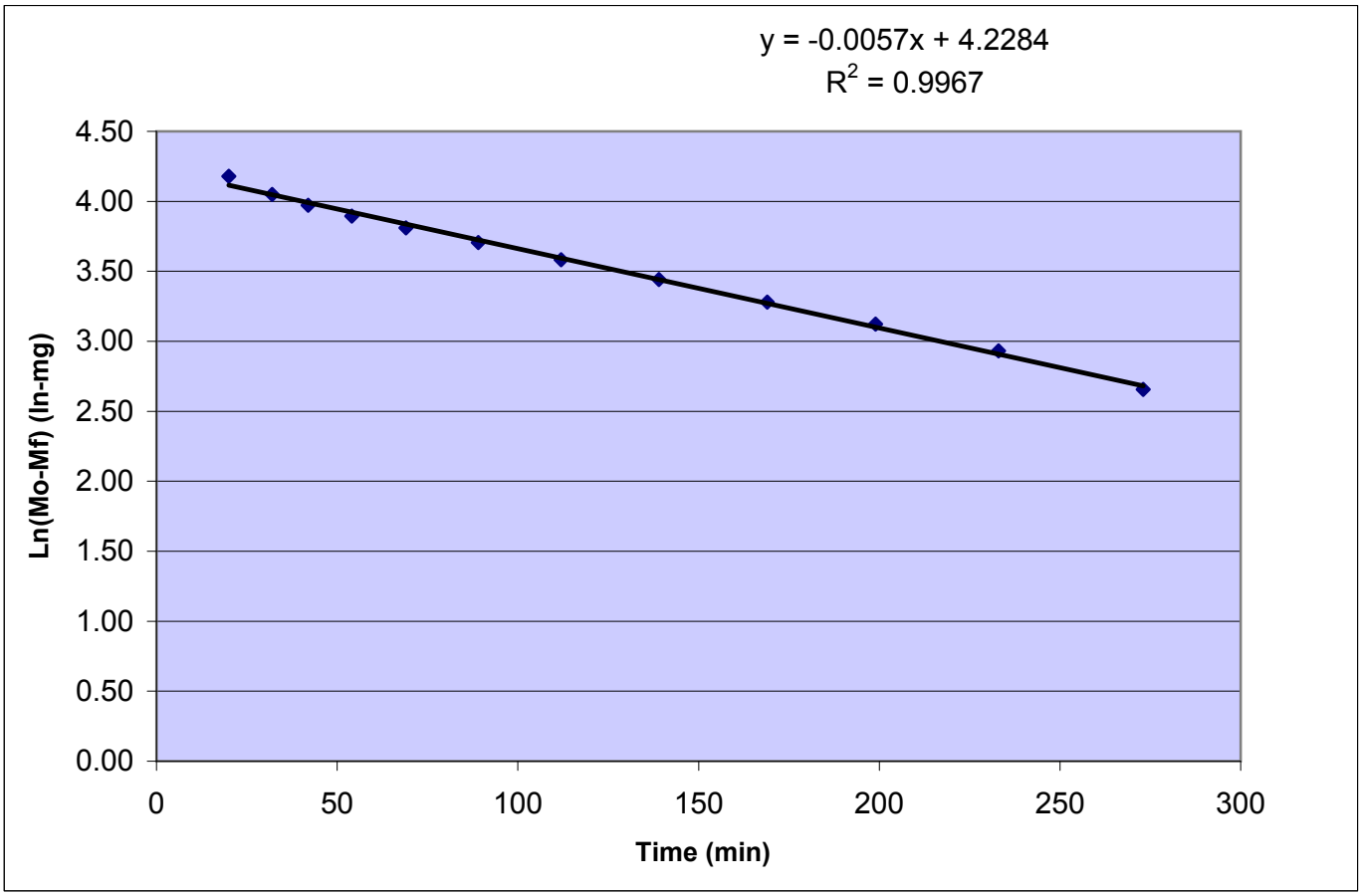
EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963-0003
Client Sample ID:	ITB2701-10





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EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963 -0004
Client Sample ID:	ITB2701-11

Date:	3/18/2010
System:	1
Operator:	JS

Sample Drying:

Temperature (C):	55
Start Date:	3/16/2010
End Date:	3/17/2010

Sample Weight (g)			Total Dried Sample Weight (g)		
Pre Drying	304.72	g	>3/8"	21.99	g
Post Drying	290.28	g	<3/8"	67.85	g (In Tumbler)
% moisure	4.7		<3/8"	200.44	g (Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	17-Mar-10	18:30	18-Mar-10	15:10
Tumbling	18-Mar-10	15:10	18-Mar-10	20:10

Tumbling Speed

30	rpm

1443	100	mL/min
ME	IST	

% Moisture from surrogate sample

Pre Dry	g	% Moisture	
Post Dry	g		

Reviewed:	AC
Date:	3/23/2010

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**136**		**Resp.%=**	ME Filter Information
Emission rate	**k=**	**0.0048**		**0.20044**	

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	25.798	49.846	20	24.048	20	4.718	20	4.7181	4.9127
2	ME	25.410	34.264	10	32.902	30	4.636	30	4.6357	4.9127
3	ME	25.252	31.992	10	39.642	40	4.568	40	4.5681	4.9127
4	ME	25.628	31.363	10	45.377	50	4.507	50	4.5067	4.9127
5	ME	25.381	30.068	10	50.064	60	4.454	60	4.4536	4.9127
6	ME	25.748	31.811	15	56.127	75	4.380	75	4.3804	4.9127
7	ME	25.230	31.674	18	62.571	93	4.296	93	4.2963	4.9127
8	ME	25.327	31.730	21	68.974	114	4.205	114	4.2051	4.9127
11	ME	25.605	32.054	24	75.423	138	4.104	138	4.1039	4.9127
15	ME	25.580	31.504	24	81.347	162	4.001	162	4.0010	4.9127
18	ME	24.969	31.160	27	87.538	189	3.881	189	3.8808	4.9127
19	ME	25.422	31.903	30	94.019	219	3.737	219	3.7372	4.9127
20	ME	25.029	31.801	30	100.791	249	3.561	249	3.5613	4.9127
21	ME	25.170	30.527	30	106.148	279	3.396	279	3.3963	4.9127
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EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963-0004
Client Sample ID:	ITB2701-11

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
9	IST	26.268	26.607	0.339
10	IST	26.906	27.204	0.298
12	IST	26.959	27.071	0.112
13	IST	26.989	27.091	0.102
14	IST	26.82	26.956	0.136
16	IST	26.184	26.311	0.127
17	IST	26.461	26.582	0.121
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

Filters sent to another lab for analysis
14
16

Filter Lot Used	Filter Type: Pore Size	
80812200E	MCE	0.2
		microns

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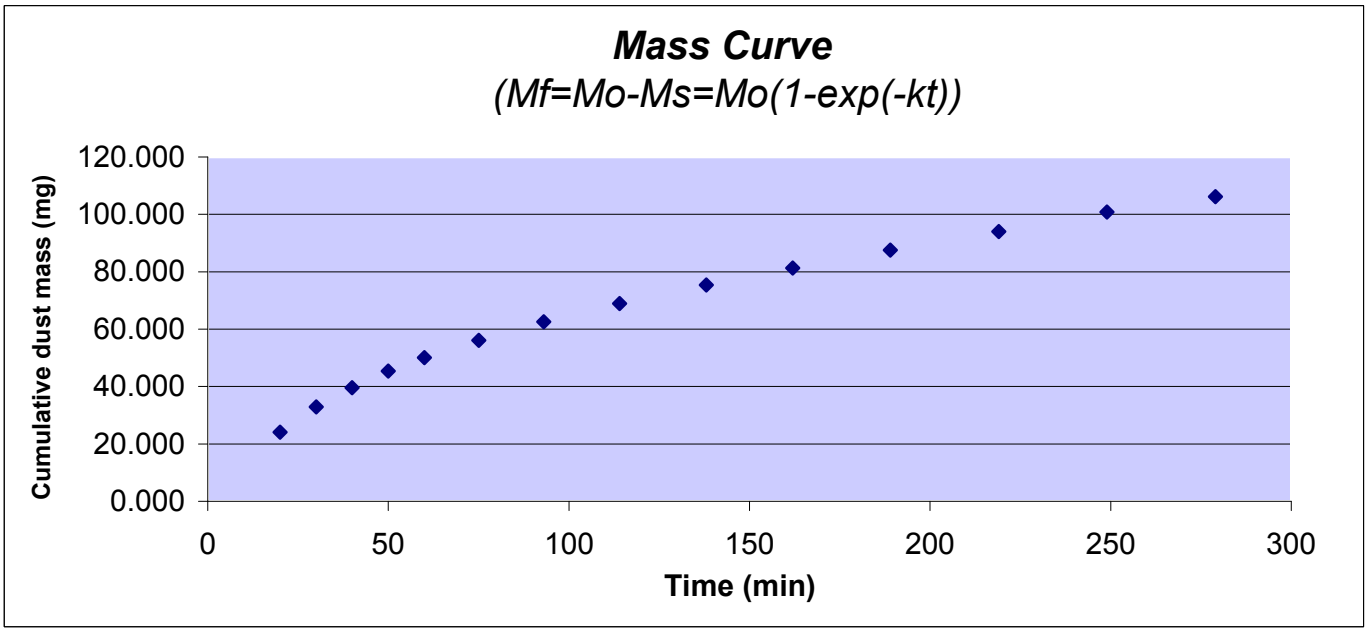
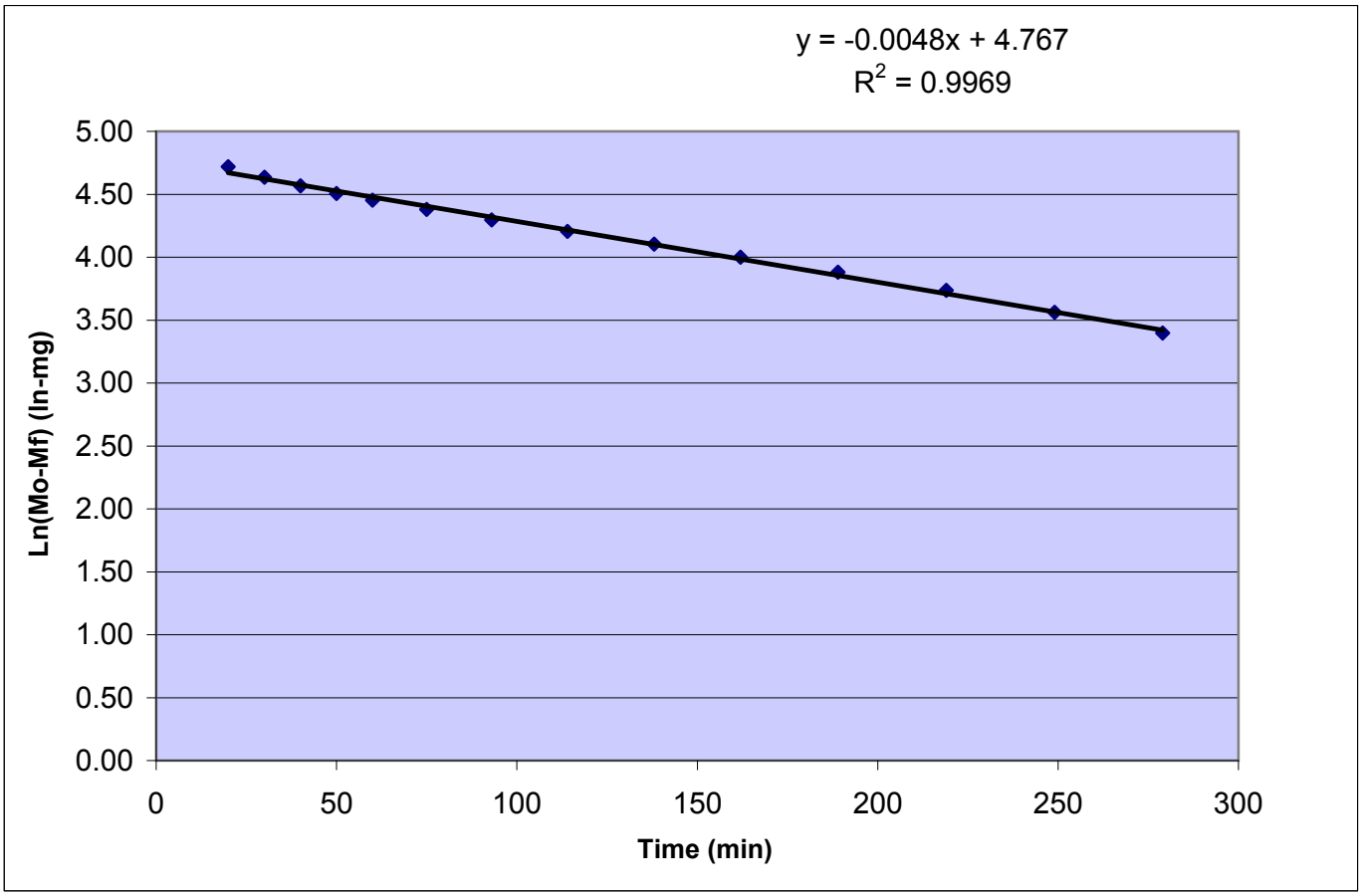
EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001963-0004
Client Sample ID:	ITB2701-11





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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001963-0002	GO area (mm²):	0.013	Scope:	0401
Customer Sample:	ITB2701-09	Grid Box :	0410-Elutriator-02: M	Mag.	19,000
		Pore Size (micron):	0.2	Analyst(s):	F Craig
Project ID:	/			Analysis Date:	04/22/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
M2	A10	None Detected								
M2	A8	None Detected								
M2	A6	None Detected								
M2	A4	None Detected								
M2	A2	None Detected								
M2	B1	None Detected								
M2	B3	None Detected								
M2	B5	None Detected								
M2	B7	None Detected								
M2	B9	None Detected								
M2	C10	None Detected								
M2	C8	None Detected								
M2	C6	None Detected								
M2	C4	None Detected								
M2	C2	None Detected								
M2	D1	None Detected								
M2	D3	None Detected								
M2	D5	None Detected								
M2	D7	None Detected								
M2	D9	None Detected								
M2	E10	None Detected								
M2	E8	None Detected								
M2	E4	None Detected								
M2	F1	None Detected								
M2	F3	None Detected								
M2	F5	None Detected								
M2	F7	None Detected								
M2	F9	None Detected								
M2	G10	None Detected								
M2	G8	None Detected								
M2	G6	None Detected								
M2	G4	None Detected								
M2	H1	None Detected								
M2	H3	None Detected								
M2	H5	None Detected								

107 Haddon Avenue, Westmont, NJ 08108
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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001963-0002
Customer Sample:	ITB2701-09

Analyzed By:	F Craig
Analysis Date:	04/22/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
M2	H7	None Detected								
M2	H9	None Detected								
M2	I10	None Detected								
M2	I8	None Detected								
M2	I6	None Detected								
M2	I4	None Detected								
M2	I2	None Detected								
M4	J1	None Detected								
M4	J3	None Detected								
M4	I8	None Detected								
M4	I6	None Detected								
M4	H1	None Detected								
M4	H3	None Detected								
M4	H5	None Detected								
M4	H7	None Detected								
M4	H9	None Detected								
M4	G10	None Detected								
M4	G8	None Detected								
M4	G6	None Detected								
M4	G4	None Detected								
M4	G2	None Detected								
M4	F1	None Detected								
M4	F3	None Detected								
M4	F5	None Detected								
M4	F7	None Detected								
M4	F9	None Detected								
M4	E10	None Detected								
M4	E4	None Detected								
M4	D3	None Detected								
M4	D5	None Detected								
M4	D7	None Detected								
M4	D9	None Detected								

107 Haddon Avenue, Westmont, NJ 08108
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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001963-0003	GO area (mm²):	0.013	Scope:	0401
Customer Sample:	ITB2701-10	Grid Box :	0410-Elutriator-02: N	Mag.	19,000
		Pore Size (micron):	0.2	Analyst(s):	F Craig
Project ID:	/			Analysis Date:	04/22/2010 & 04/26/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
N1	J3	None Detected								
N1	J5	None Detected								
N1	J7	None Detected								
N1	J9	None Detected								
N1	I10	None Detected								
N1	I8	None Detected								
N1	I6	None Detected								
N1	I4	None Detected								
N1	H3	None Detected								
N1	H5	None Detected								
N1	H7	None Detected								
N1	H9	None Detected								
N1	G10	None Detected								
N1	G8	None Detected								
N1	G6	None Detected								
N1	G4	None Detected								
N1	F3	None Detected								
N1	F5	None Detected								
N1	F7	None Detected								
N1	F9	None Detected								
N1	E10	None Detected								
N1	E8	None Detected								
N1	E4	None Detected								
N1	D3	None Detected								
N1	D5	None Detected								
N1	D7	None Detected								
N1	D9	None Detected								
N1	C10	None Detected								
N1	C8	None Detected								
N1	C6	None Detected								
N1	C4	None Detected								
N1	B3	None Detected								
N1	B5	None Detected								
N1	B7	None Detected								
N1	B9	None Detected								

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001963-0003
Customer Sample:	ITB2701-10

Analyzed By:	F Craig
Analysis Date:	04/22/2010 & 04/26/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
N1	A10	None Detected								
N1	A8	None Detected								
N1	A6	None Detected								
N1	A4	None Detected								
N2	J9	None Detected								
N2	J7	None Detected								
N2	J5	None Detected								
N2	J3	None Detected								
N2	I10	None Detected								
N2	I8	None Detected								
N2	I6	None Detected								
N2	I4	None Detected								
N2	I2	None Detected								
N2	H9	None Detected								
N2	H7	None Detected								
N2	H5	None Detected								
N2	H3	None Detected								
N2	H1	None Detected								
N2	G2	None Detected								
N2	G4	None Detected								
N2	G6	None Detected								
N2	G8	None Detected								
N2	G10	None Detected								
N2	F9	None Detected								
N2	F7	None Detected								
N2	F5	None Detected								
N2	F3	None Detected								
N2	F1	None Detected								
N2	D9	None Detected								
N2	D7	None Detected								
N2	D5	None Detected								
N2	D3	None Detected								
N2	D1	None Detected								
N2	C2	None Detected								
N2	C4	None Detected								
N2	C6	None Detected								
N2	C8	None Detected								

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001963-0003
Customer Sample:	ITB2701-10

Analyzed By:	F Craig
Analysis Date:	04/22/2010 & 04/26/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
N2	C10	None Detected								
N2	B9	None Detected								
N2	B7	None Detected								
N2	B5	None Detected								
N2	B3	None Detected								
N2	A6	None Detected								

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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001963-0004	GO area (mm²):	0.013	Scope:	0401
Customer Sample:	ITB2701-11	Grid Box :	0410-Elutriator-04: K	Mag.	19,000
		Pore Size (micron):	0.2	Analyst(s):	F Craig
Project ID:	/			Analysis Date:	04/26/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
K5	G2	None Detected								
K5	G4	None Detected								
K5	G6	None Detected								
K5	G8	None Detected								
K5	G10	None Detected								
K5	F9	None Detected								
K5	F7	None Detected								
K5	F5	None Detected								
K5	F3	None Detected								
K5	F1	None Detected								
K5	E2	None Detected								
K5	E4	None Detected								
K5	E8	None Detected								
K5	E10	None Detected								
K5	D5	None Detected								
K5	D3	None Detected								
K5	B1	None Detected								
K5	B3	None Detected								
K5	A2	None Detected								
K5	A4	None Detected								
K5	A6	None Detected								
K5	A8	None Detected								
K6	J1	None Detected								
K6	J3	None Detected								
K6	J5	None Detected								
K6	J7	None Detected								
K6	J9	None Detected								
K6	I10	None Detected								
K6	I8	None Detected								
K6	I6	None Detected								
K6	I4	None Detected								
K6	I2	None Detected								
K6	H1	None Detected								
K6	H3	None Detected								
K6	H5	None Detected								

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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001963-0004
Customer Sample:	ITB2701-11

Analyzed By:	F Craig
Analysis Date:	04/26/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
K6	H7	None Detected								
K6	H9	None Detected								
K6	G6	None Detected								
K6	G4	None Detected								
K6	G2	None Detected								
K6	F1	None Detected								
K6	F3	None Detected								
K6	F6	None Detected								
K6	E4	None Detected								
K6	E2	None Detected								
K6	D1	None Detected								
K6	D3	None Detected								
K6	D5	None Detected								
K6	D7	None Detected								
K6	C8	None Detected								
K6	C6	None Detected								
K6	C4	None Detected								
K6	C2	None Detected								
K6	B1	None Detected								
K6	B3	None Detected								
K6	B5	None Detected								
K6	B7	None Detected								
K6	B9	None Detected								
K7	B10	None Detected								
K7	6	None Detected								
K7	B4	None Detected								
K7	F1	None Detected								
K7	F3	None Detected								
K7	F5	None Detected								
K7	F7	None Detected								
K7	F9	None Detected								
K7	H9	None Detected								
K7	H7	None Detected								
K7	H5	None Detected								
K7	H3	None Detected								
K7	H1	None Detected								
K7	J1	None Detected								

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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001963-0004
Customer Sample:	ITB2701-11

Analyzed By:	F Craig
Analysis Date:	04/26/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
K7	J3	None Detected								
K7	J5	None Detected								
K7	J7	None Detected								
K7	J9	None Detected								
K7	I8	None Detected								
K7	I6	None Detected								

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

Lanzing, Terri

From: Lanzing, Terri

Sent: Thursday, March 04, 2010 4:06 PM

To: 'amy.harris@testamericainc.com'

Cc: Kocher, Daniel; EMSL Lab - San Leandro

Subject: (TEST72) TestAmerica - EMSL receipt confirmation for 091001963 (ITB2701) - 3 of 5 samples listed on COC received

Attachments: 091001963_rpt.pdf; 091001963_COC.pdf

Confirmation for samples on EMSL order ID 091001963 (ITB2701)

Per the attached documentation, we have received only 3 of the 5 samples listed on the COC. Please advise expected delivery at EMSL Westmont of remaining samples.

If you do not wish to receive receipt confirmations in the future,
please contact Customer Service at (800) 220-3675.

This email may contain privileged and confidential information and is solely for the use of the sender's intended recipient(s). If you received this email in error, please notify the sender by reply email and delete all copies and attachments. Thank you

SUBCONTRACT ORDER
TestAmerica Irvine

ITB2701 09100/963

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Harris

RECEIVING LABORATORY:

EMSL - New Jersey - SUB
107 Haddon Ave
Westmont, NJ 08108
Phone :(856) 858-4800
Fax: (856) 858-4960
Project Location: NV - NEVADA
Receipt Temperature: _____ °C Ice: Y / N

Standard TAT is requested unless specific due date is requested. => Due Date: _____ Initials: _____

Analysis	Units	Expires	Comments
Sample ID: ITB2701-01 (EB-022510 - Water)		Sampled: 02/25/10 12:00	
Asbestos-TEM (100.1 - WW)	Present/Not Pr	02/27/10 12:00	Elutriator method, sub to EMSL, New Jersey
Containers Supplied: 500 mL Poly (D)			
Sample ID: ITB2701-09 (SB-1 - Soil)		Sampled: 02/25/10 09:40	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 09:40	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 9 oz Jar (A)			
Sample ID: ITB2701-10 (SB-2 - Soil)		Sampled: 02/25/10 09:50	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 09:50	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 9 oz Jar (A)			
Sample ID: ITB2701-11 (SB-17 - Soil)		Sampled: 02/25/10 10:15	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 10:15	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 9 oz Jar (A)			
Sample ID: ITB2701-12 (FTF-38 - Soil)		Sampled: 02/25/10 11:00	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 11:00	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 4 oz Jar (B)			

SAMPLES ACCEPTED FOR ANALYSIS BY EMSL ANALYTICAL INC.

RECEIVED EMSL WESTMONT, NJ 10 MAR -4 PM 12:38

Olga Ornelas	3/2/10 17:00	FedEx	3/2/10 17:00
Released By	Date/Time	Received By	Date/Time
		DM-PX-10301	3-4-10
Released By	Date/Time	Received By	Date/Time

Lanzing, Terri

From: Pullman, Daniel
Sent: Thursday, March 04, 2010 1:32 PM
To: Kocher, Daniel; Lanzing, Terri; Ke, Baojia
Cc: Siegel, Stephen; Denton, Robyn; Sorey, Sara; MacCrea, Danielle; Castellano, Andrew
Subject: TEST AMERICA RECVD 3/4/10
Attachments: ~OT165P000F.PDF

3 samples only 9, 10 , 11 submitted

Lanzing, Terri

From: Lanzing, Terri
Sent: Thursday, March 04, 2010 2:37 PM
To: Pullman, Daniel; Kocher, Daniel; Ke, Baojia
Cc: Siegel, Stephen; Denton, Robyn; Sorey, Sara; MacCrea, Danielle
Subject: RE: ERM RECVD 3/4/10

I spoke with Amy Harris, TestAmerica project manager, this afternoon and advised her that we received only 3 of the 5 samples. She asked me to log in all 5 sample #'s. She is going to contact her sample control people. She said they'd be sending over the other 2 samples and that we should proceed with the 3 we received in the meantime.

-t

Terri A. Lanzing
Client Services Manager
EMSL Analytical, Inc
2235 Polvorosa Ave., Ste. 230
San Leandro, California 94577
888-455-3675
EMSL Sacramento
4640 Northgate Blvd
Suite 160
Sacramento, CA 95834
(916) 921-8251

From: Pullman, Daniel
Sent: Thursday, March 04, 2010 11:40 AM
To: Kocher, Daniel; Lanzing, Terri; Ke, Baojia
Cc: Siegel, Stephen; Denton, Robyn; Sorey, Sara; MacCrea, Danielle
Subject: ERM RECVD 3/4/10

Project ID: **FIRST EIGHT ROWS PHASE B 20102637V1**
COC No: **N/A**
Date & time samples received: **3/4/10 9:12 a.m.**
Total number of samples/jars received: **48**
All samples received and quantity matches COC? [x]YES [ ]NO
All samples in were not broken and in good condition: [**X**]YES [ ]NO
All samples have clear labels and identification on the jars: [**X**]YES [ ]NO
Trip blank received: [ ]YES [**X**]NO
Any special notes about sample receipt and/or condition, or [**X**]None:

EMSL Analytical, Inc.
2235 Polvorosa Ave., Suite 230, San Leandro, CA 91030
Phone: (510) 895-3675 Fax: (510) 895-3680
Email: SanLeandroLab@emsl.com

Attn:	*Amy Harris*	**Customer ID:**	TEST72
	Test America-Irvine, CA	**Customer PO:**	ITB2701
	17461 Derian Avenue Suite 100	**Received:**	2/26/10 5:00 PM
	Irvine, CA 92614	**EMSL Order:**	091001931
Phone:	(949)261-1022	**Date Prepared:**	3/4/2010
Fax:	(949)260-3297	**Analysis Date(s):**	3/12/2010
Project:	**NV - Nevada / ITB2701**		
Date Sampled:	**02/25/2010**	**Report Date:**	**4/20/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001931-0004		Mass of Respirable Dust on Filter:	0.00014	g
Customer Sample Number:	ITB2701-15		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	71	
Magnification used for fiber counting:	10,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	K. DUNBAR	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	4.5	%
>3/8"	8.890	g	Air Flow Rate Through ME opening of Dust Generator	1439.00	ml/min
Not Used <3/8"	67.620	g	Air Flow Rate Through IST opening of Dust Generator	91.00	ml/min
Used in Tumbler <3/8"	61.980	g	Estimated Total Air Flow Through Elutriator	1530.00	ml/min

Analytical Sensitivity: 2.98E+06 Structure/g PM10 Limit of Detection: 8.91E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) Random (77.77)

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.		Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10		Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤10um	**CD/ADX**	**0**	**3**		**3.25**	**8.94E+06**	**1.844E+06**		**2.31E+07**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	<	3.25	< 8.91E+06	NA	<	8.91E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	3		3.25	8.94E+06	1.844E+06		2.31E+07
Asbestos Structures >10 um (Long)	**CD/ADX**	**1**	**10**		**10.83**	**2.98E+07**	**1.429E+07**		**5.48E+07**
Asbestos Structures >10 um (Chrys)	CD	0	0	<	3.25	< 8.91E+06	NA	<	8.91E+06
Asbestos Structures >10 um (Amph)	ADX	1	10		10.83	2.98E+07	1.429E+07		5.48E+07
Total Protocol Asbestos Structures	**CD/ADX**	**1**	**13**		**14.08**	**3.87E+07**	**2.062E+07**		**6.62E+07**
Protocol Asbestos Structures(Chrys)	CD	0	0	<	3.25	< 8.91E+06	NA	<	8.91E+06
Protocol Asbestos Structures (Amph)	ADX	1	13		14.08	3.87E+07	2.062E+07		6.62E+07
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**						

Asbestiform Amphibole Present: Crocidolite

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton

Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931 -0004
Client Sample ID:	ITB2701-15

Date:	3/4/2010
System:	4
Operator:	AC

Sample Drying:

Temperature (C):	55
Start Date:	3/2/2010
End Date:	3/3/2010

Sample Weight (g)			Total Dried Sample Weight (g)		
Pre Drying	145.02	g	>3/8"	8.89	g
Post Drying	138.49	g	<3/8"	61.98	g (In Tumbler)
% moisure	4.5		<3/8"	67.62	g (Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	03-Mar-10	19:30	4-Mar-10	9:55
Tumbling	04-Mar-10	9:40	4-Mar-10	14:55

Tumbling Speed

30	rpm

1439	91	mL/min
ME	IST	

% Moisture from surrogate sample

Pre Dry	g	% Moisture	
Post Dry	g		

Reviewed:	
Date:	

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**89**		**Resp.%=**	ME Filter Information
Emission rate	**k=**	**0.0036**		**0.14359**	

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	24.395	30.656	20	6.261	20	4.416	20	4.4157	4.4886
2	ME	24.309	31.694	19	13.646	39	4.322	39	4.3222	4.4886
3	ME	24.385	30.171	19	19.432	58	4.242	58	4.2423	4.4886
4	ME	24.441	29.285	20	24.276	78	4.170	78	4.1701	4.4886
5	ME	24.405	29.685	24	29.556	102	4.085	102	4.0850	4.4886
6	ME	24.336	29.748	28	34.968	130	3.990	130	3.9896	4.4886
7	ME	24.445	29.672	30	40.195	160	3.888	160	3.8878	4.4886
10	ME	24.436	29.599	32	45.358	192	3.776	192	3.7760	4.4886
13	ME	24.485	29.505	35	50.378	227	3.654	227	3.6538	4.4886
15	ME	24.454	30.234	38	56.158	265	3.492	265	3.4917	4.4886
16	ME	24.584	27.716	29	59.290	294	3.391	294	3.3915	4.4886
	ME									
	ME									
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Delete Data in any Empty Rows Above

EMSL Analytical, Inc
Elutriator Prep Worksheet
107 Haddon Avenue, Westmont, NJ 08108

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0004
Client Sample ID:	ITB2701-15

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
8	IST	26.891	26.999	0.108
9	IST	26.431	26.541	0.110
11	IST	26.864	27.004	0.140
12	IST	26.563	26.693	0.130
14	IST	26.724	26.844	0.120
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

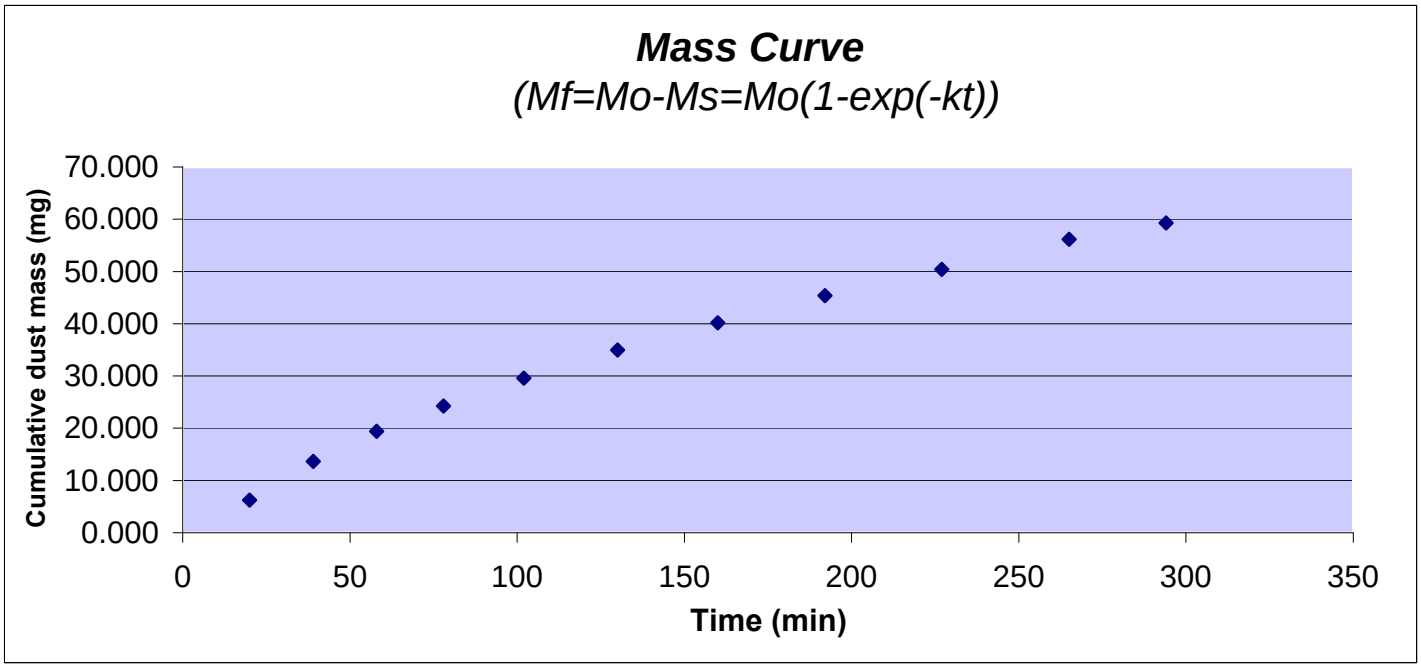
Filters sent to another lab for analysis
11
12

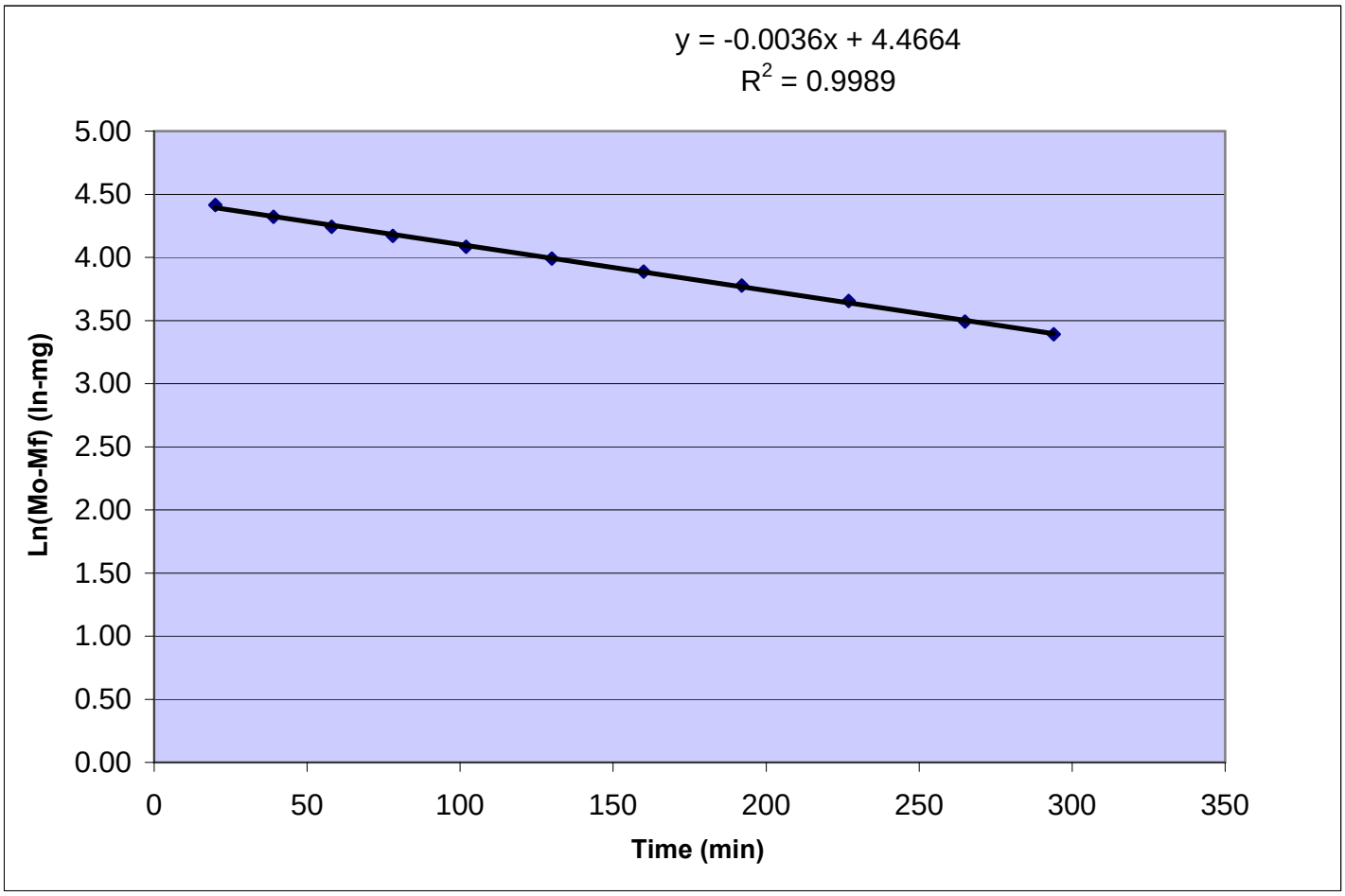
Filter Lot Used	Filter Type:	Pore Size
80812200D	MCE	0.2
		microns

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0004
Client Sample ID:	ITB2701-15





EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001931-0004	GO area (mm²):	0.013	Scope:	1-46
Customer Sample:	ITB2701-15	Grid Box :	10009: H (8-10)	Mag.	10,000
		Pore Size (micron):	0.2	Analyst(s):	K. DUNBAR
Project ID:	ITB2701 / NV - Nevada			Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H8	A1	None Detected								
H8	A3	None Detected								
H8	A5	None Detected								
H8	A7	None Detected								
H8	A9	None Detected								
H8	C10	None Detected								
H8	C8	None Detected								
H8	C6	None Detected								
H8	C4	None Detected								
H8	C2	None Detected								
H8	E1	None Detected								
H8	E3	None Detected								
H8	E5	None Detected								
H8	E7	MD11	1		6.3	3	ADX	Crocidolite		
H8	E7	MB		1	6.3	0.35	ADX	Crocidolite	46271	
H8	E9	None Detected								
H8	G10	None Detected								
H8	G8	None Detected								
H8	G6	None Detected								
H8	G4	None Detected								
H8	G2	None Detected								
H8	I1	None Detected								
H8	I3	None Detected								
H8	I5	None Detected								
H8	I7	MD11	2		14.5	2.3	ADX	Crocidolite		
H8	I7	MF		2	14.5	0.22	ADX	Crocidolite		
H8	I9	None Detected								
H9	I1	None Detected								
H9	I3	None Detected								
H9	I5	None Detected								
H9	I7	None Detected								
H9	I9	None Detected								
H9	G10	None Detected								
H9	G8	None Detected								
H9	G6	None Detected								

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Phone: (510) 895-3675 Fax: (510) 895-3680 Email: SanLeandroLab@emsl.com

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001931-0004
Customer Sample:	ITB2701-15

Analyzed By:	K. DUNBAR
Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H9	G4	F	3	3	11	0.1	ADX	Crocidolite		
H9	G2	None Detected								
H9	E1	None Detected								
H9	E3	None Detected								
H9	E5	MD11	4		16	6	ADX	Crocidolite		
H9	E5	MB		4	9.8	0.2	ADX	Crocidolite		
H9	E5	MD11	5		8.2	1.2	ADX	Crocidolite		
H9	E5	MF		5	7.5	0.28	ADX	Crocidolite		
H9	E7	None Detected								
H9	E8	None Detected								
H9	C10	None Detected								
H9	C8	MD11	6		26	19	ADX	Crocidolite		
H9	C8	MB		6	26	0.3	ADX	Crocidolite		
H9	C6	None Detected								
H9	C4	None Detected								
H9	C2	None Detected								
H9	A1	None Detected								
H9	A3	None Detected								
H9	A5	None Detected								
H889	A7	None Detected								
H9	A9	None Detected								
H10	J1	MD55	7		18.8	9	ADX	Crocidolite		
H10	J1	MF		7	18	0.18	ADX	Crocidolite		
H10	J1	MF		8	18.8	0.15	ADX	Crocidolite		
H10	J1	MF		9	16.5	0.12	ADX	Crocidolite		
H10	J1	MF		10	15.5	0.1	ADX	Crocidolite		
H10	J1	MF		11	14	0.1	ADX	Crocidolite		
H10	J4	None Detected								
H10	J6	None Detected								
H10	J8	None Detected								
H10	J10	None Detected								
H10	H10	None Detected								
H10	H8	None Detected								
H10	H6	None Detected								
H10	H4	None Detected								
H10	H2	None Detected								
H10	F1	None Detected								

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

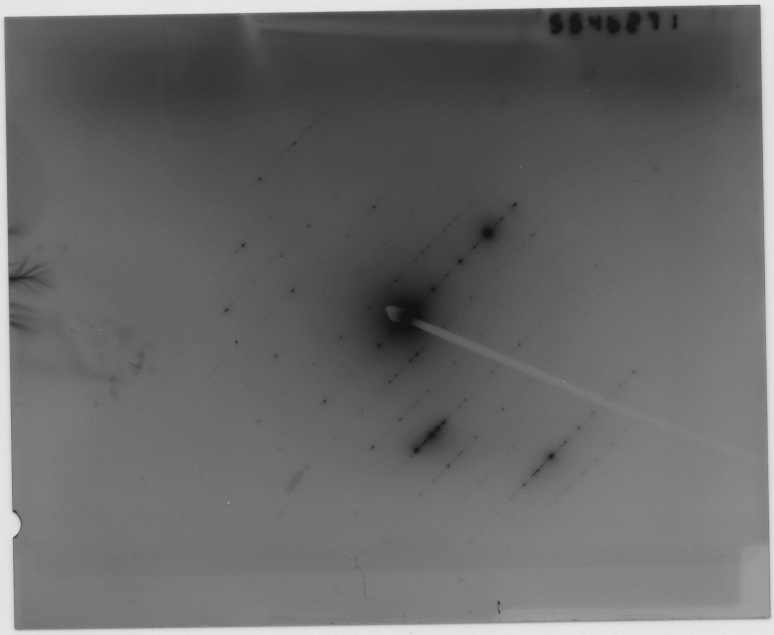
Bench Sheet Data

EMSL Sample ID:	091001931-0004
Customer Sample:	ITB2701-15

Analyzed By:	K. DUNBAR
Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H10	F3	None Detected								
H10	F5	MD11	8		26.6	2.3	ADX	Crocidolite		
H10	F5	MB		12	26.6	0.35	ADX	Crocidolite		
H10	F7	None Detected								
H10	F9	None Detected								
H10	D10	None Detected								
H10	D8	None Detected								
H10	D6	None Detected								
H10	D4	MD11	9		17.8	4.5	ADX	Crocidolite		
H10	D4	MB		13	13.1	0.3	ADX	Crocidolite		
H10	D2	None Detected								
H10	B1	None Detected								

2235 Polvorosa Ave., Suite 230, San Leandro, CA 91030
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: SanLeandroLab@emsl.com



0910019310-0004 Diffraction

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Structure Sketch Sheet for Direct Data Entry

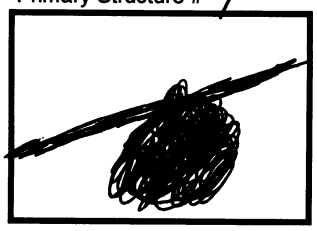
EMSL Order ID: 091001931-0004

Client: Test America-Irvine, CA

Client Sample: *ITB2701-15*

Page 1 of 1

Primary Structure # 1



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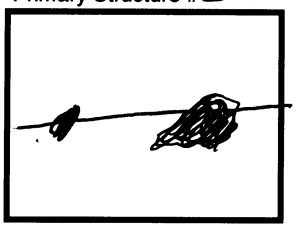

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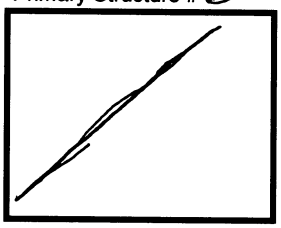
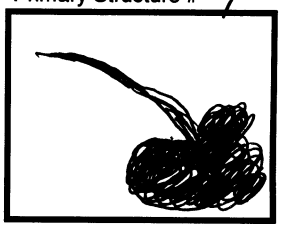


Primary Structure # 4



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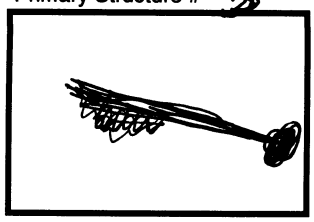
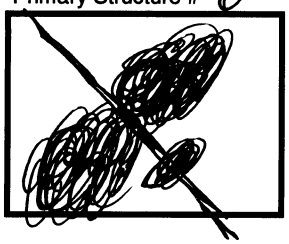


Primary Structure # 6



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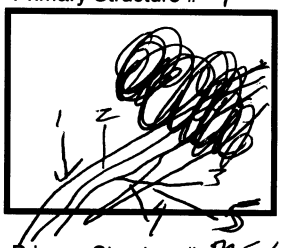
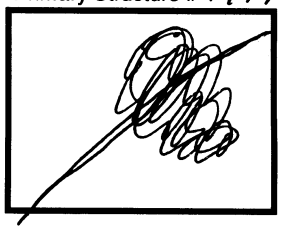
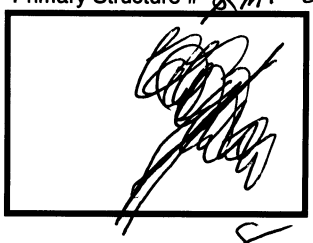


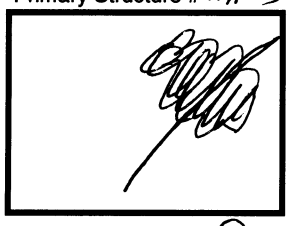
Primary Structure # ~~7~~ MF-1



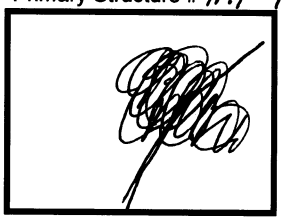
Primary Structure # ~~8~~ MF-2



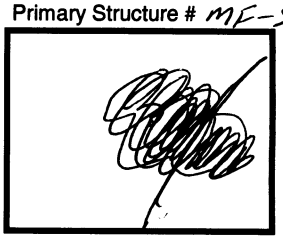
Primary Structure # MF-3



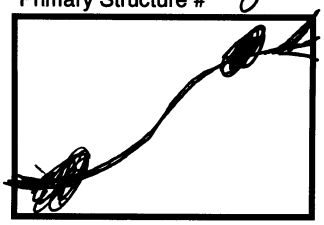
Primary Structure # MF-4



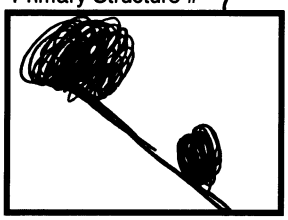
Primary Structure # MF-5



Primary Structure # 8



Primary Structure # 9



Primary Structure #

Primary Structure #

Structure #

Structure #

Structure #

Structure #

Analyst: KD

Date: 12 MAR 10

Scope: 1-46

2235 Polvorosa Ave., Suite 230, San Leandro, CA 91030

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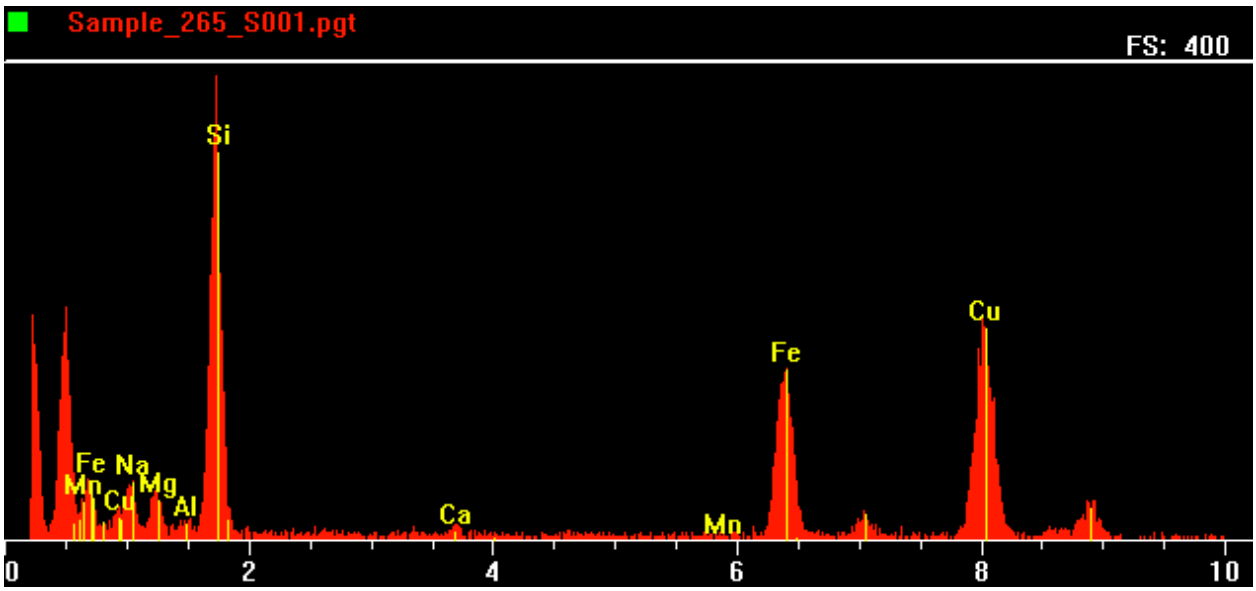
Energy Dispersive X-Ray Analysis
Quantitative Spectra & Data

EMSL ANALYTICAL, INC.

File: 091001931-0004_TEM_Elutriator_EDX_Crocidolite
Collected: March 12, 2010 17:11:42

Live Time:	92.02	Count Rate:	403	Dead Time:	3.86 %
Beam Voltage:	20.00	Beam Current:	2.00	Takeoff Angle:	31.00



Element	keV	KRatio	Wt%	Gross (cps)	BKG (cps)	Net (cps)
Na	1.041	0.0181	9.00	10.7	3.9	6.7
Mg	1.254	0.0094	3.35	8.2	3.8	4.4
Al	1.487	0.0010	0.27	3.8	3.3	0.5
Si	1.740	0.1265	24.77	67.9	2.7	65.2
Ca	3.691	0.0044	0.46	2.5	1.0	1.5
Mn	5.898	0.0015	0.14	1.5	1.2	0.3
Fe	6.403	0.1835	16.87	39.5	1.4	38.1
Cu	8.046	0.4140	45.15	57.9	1.7	56.2
Total			**100.00**			

EMSL Analytical, Inc.
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Phone: (510) 895-3675 Fax: (510) 895-3680
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Attn: *Amy Harris*
Test America-Irvine, CA
17461 Derian Avenue Suite 100
Irvine, CA 92614
Phone: (949)261-1022
Fax: (949)260-3297
Project: **NV - Nevada / ITB2701**
Date Sampled: **02/25/2010**

Customer ID: TEST72
Customer PO: ITB2701
Received: 2/26/10 5:00 PM
EMSL Order: 091001931
Date Prepared: 3/4/2010
Analysis Date(s): 3/12/2010
Report Date: **3/24/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001931-0003		Mass of Respirable Dust on Filter:	0.00014	g
Customer Sample Number:	ITB2701-14		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	71	
Magnification used for fiber counting:	10,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	K. DUNBAR	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	17.7	%
>3/8"	3.010	g	Air Flow Rate Through ME opening of Dust Generator	1417.00	ml/min
Not Used <3/8"	58.780	g	Air Flow Rate Through IST opening of Dust Generator	86.00	ml/min
Used in Tumbler <3/8"	57.230	g	Estimated Total Air Flow Through Elutriator	1503.00	ml/min

Analytical Sensitivity: 2.98E+06 Structure/g PM10 Limit of Detection: 8.91E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) N/A

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.	Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Poisson 95 % Confidence Interval Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤10um	**CD/ADX**	**0**	**0**	**< 3.25**	**< 8.91E+06**	**NA**	**< 8.91E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	< 3.25	< 8.91E+06	NA	< 8.91E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	< 3.25	< 8.91E+06	NA	< 8.91E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**0**	**< 3.25**	**< 8.91E+06**	**NA**	**< 8.91E+06**
Asbestos Structures >10 um (Chrys)	CD	0	0	< 3.25	< 8.91E+06	NA	< 8.91E+06
Asbestos Structures >10 um (Amph)	ADX	0	0	< 3.25	< 8.91E+06	NA	< 8.91E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**0**	**< 3.25**	**< 8.91E+06**	**NA**	**< 8.91E+06**
Protocol Asbestos Structures(Chrys)	CD	0	0	< 3.25	< 8.91E+06	NA	< 8.91E+06
Protocol Asbestos Structures (Amph)	ADX	0	0	< 3.25	< 8.91E+06	NA	< 8.91E+06
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**				

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton
Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931 -0003
Client Sample ID:	ITB2701-14

Date:	3/4/2010
System:	2
Operator:	AC

Sample Drying:

Temperature (C):	55
Start Date:	3/2/2010
End Date:	3/3/2010

Sample Weight (g)			Total Dried Sample Weight (g)		
Pre Drying	144.63	g	>3/8"	3.01	g
Post Drying	119.02	g	<3/8"	57.23	g (In Tumbler)
% moisure	17.7		<3/8"	58.78	g (Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	03-Mar-10	19:30	4-Mar-10	9:40
Tumbling	04-Mar-10	9:40	4-Mar-10	14:45

Tumbling Speed: 30 rpm

ME	IST	
1417	86	mL/min

% Moisture from surrogate sample

Pre Dry _____ g % Moisture

Post Dry g

Reviewed:

Date:

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**142**			**Resp.%=**	
Emission rate	**k=**	**0.0025**			**0.24812**	ME Filter Information

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	24.346	36.211	20	11.865	20	4.869	20	4.8686	4.9558
2	ME	24.314	30.336	10	17.887	30	4.821	30	4.8212	4.9558
3	ME	24.465	28.802	11	22.224	41	4.786	41	4.7856	4.9558
4	ME	24.555	28.578	13	26.247	54	4.751	54	4.7515	4.9558
5	ME	24.375	28.989	14	30.861	68	4.711	68	4.7108	4.9558
6	ME	24.304	29.203	19	35.760	87	4.666	87	4.6657	4.9558
7	ME	24.336	29.651	23	41.075	110	4.614	110	4.6144	4.9558
10	ME	24.277	29.944	27	46.742	137	4.557	137	4.5566	4.9558
13	ME	24.390	30.467	31	52.819	168	4.491	168	4.4907	4.9558
15	ME	24.421	31.074	35	59.472	203	4.413	203	4.4131	4.9558
16	ME	24.334	31.682	29	66.820	232	4.320	232	4.3199	4.9558
17	ME	24.582	32.196	40	74.434	272	4.213	272	4.2131	4.9558
18	ME	24.501	27.626	20	77.559	292	4.166	292	4.1658	4.9558
	ME									
	ME									
	ME									
	ME									
	ME									
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	ME									
	ME									
	ME									
	ME									
	ME									
	ME									

Delete Data in any Empty Rows Above

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0003
Client Sample ID:	ITB2701-14

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
8	IST	26.834	26.939	0.105
9	IST	26.33	26.45	0.120
11	IST	26.622	26.762	0.140
12	IST	26.78	26.893	0.113
14	IST	26.632	26.757	0.125
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

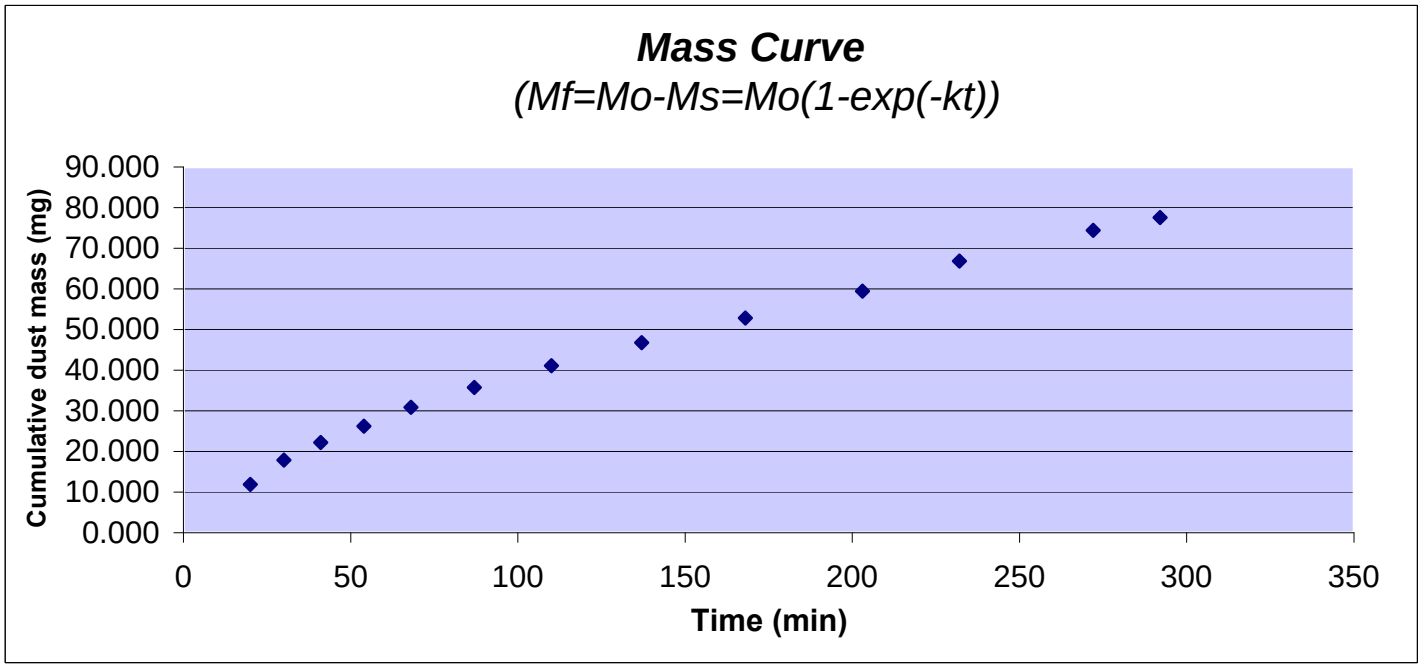
Filters sent to another lab for analysis
11
14

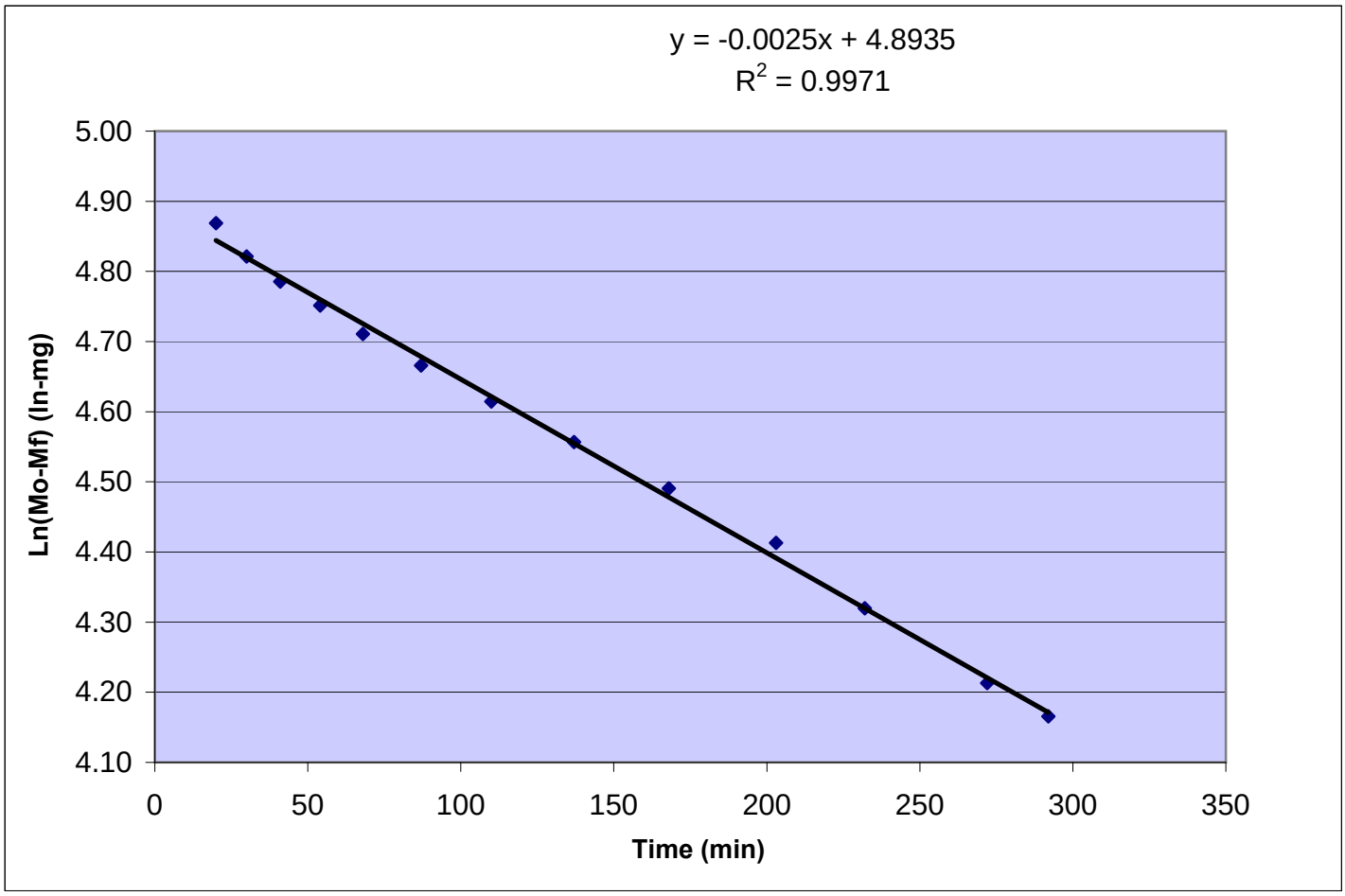
Filter Lot Used	Filter Type:	Pore Size
80812200D	MCE	0.2
		microns

107 Haddon Avenue, Westmont, NJ 08108
Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0003
Client Sample ID:	ITB2701-14





EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001931-0003	GO area (mm²):	0.013	Scope:	1-46
Customer Sample:	ITB2701-14	Grid Box :	10009: H (5-7)	Mag.	10,000
		Pore Size (micron):	0.2	Analyst(s):	K. DUNBAR
Project ID:	ITB2701 / NV - Nevada			Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H5	J1	None Detected								
H5	J3	None Detected								
H5	J5	None Detected								
H5	J7	None Detected								
H5	J9	None Detected								
H5	H10	None Detected								
H5	H8	None Detected								
H5	H6	None Detected								
H5	H4	None Detected								
H5	H2	None Detected								
H5	F1	None Detected								
H5	F3	None Detected								
H5	F5	None Detected								
H5	F7	None Detected								
H5	F9	None Detected								
H5	D10	None Detected								
H5	D8	None Detected								
H5	D6	None Detected								
H5	D4	None Detected								
H5	D2	None Detected								
H5	B1	None Detected								
H5	B3	None Detected								
H5	B5	None Detected								
H5	B7	None Detected								
H5	B9	None Detected								
H6	A1	None Detected								
H6	A3	None Detected								
H6	A5	None Detected								
H6	A7	None Detected								
H6	A9	None Detected								
H6	C10	None Detected								
H6	C8	None Detected								
H6	C6	None Detected								
H6	C4	None Detected								
H6	C2	None Detected								

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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001931-0003
Customer Sample:	ITB2701-14

Analyzed By:	K. DUNBAR
Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H6	E1	None Detected								
H6	E3	None Detected								
H6	E5	None Detected								
H6	E7	None Detected								
H6	E9	None Detected								
H6	G10	None Detected								
H6	G8	None Detected								
H6	G6	None Detected								
H6	G4	None Detected								
H6	G2	None Detected								
H6	I1	None Detected								
H6	I3	None Detected								
H6	I5	None Detected								
H6	I7	None Detected								
H6	I9	None Detected								
H7	J1	None Detected								
H7	J3	None Detected								
H7	J5	None Detected								
H7	J7	None Detected								
H7	J9	None Detected								
H7	H10	None Detected								
H7	H8	None Detected								
H7	H6	None Detected								
H7	H4	None Detected								
H7	H2	None Detected								
H7	F1	None Detected								
H7	F3	None Detected								
H7	F5	None Detected								
H7	F7	None Detected								
H7	F9	None Detected								
H7	D10	None Detected								
H7	D8	None Detected								
H7	D6	None Detected								
H7	D4	None Detected								
H7	D2	None Detected								
H7	B1	None Detected								

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EMSL Analytical, Inc.
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Email: SanLeandroLab@emsl.com

Attn: *Amy Harris*
Test America-Irvine, CA
17461 Derian Avenue Suite 100
Irvine, CA 92614
Phone: (949)261-1022
Fax: (949)260-3297
Project: **NV - Nevada / ITB2701**
Date Sampled: **02/25/2010**

Customer ID: TEST72
Customer PO: ITB2701
Received: 2/26/10 5:00 PM
EMSL Order: 091001931
Date Prepared: 3/3/2010
Analysis Date(s): 3/12/2010
Report Date: **3/24/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001931-0002		Mass of Respirable Dust on Filter:	0.000148	g
Customer Sample Number:	ITB2701-13		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	67	
Magnification used for fiber counting:	10,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	K. DUNBAR	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	8.1	%
>3/8"	3.180	g	Air Flow Rate Through ME opening of Dust Generator	1445.00	ml/min
Not Used <3/8"	70.170	g	Air Flow Rate Through IST opening of Dust Generator	86.00	ml/min
Used in Tumbler <3/8"	50.300	g	Estimated Total Air Flow Through Elutriator	1531.00	ml/min

Analytical Sensitivity: 2.99E+06 Structure/g PM10 Limit of Detection: 8.93E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) N/A

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.	Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤10um	**CD/ADX**	**0**	**0**	**< 3.44**	**< 8.93E+06**	**NA**	**< 8.93E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	< 3.44	< 8.93E+06	NA	< 8.93E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	< 3.44	< 8.93E+06	NA	< 8.93E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**0**	**< 3.44**	**< 8.93E+06**	**NA**	**< 8.93E+06**
Asbestos Structures >10 um (Chrys)	CD	0	0	< 3.44	< 8.93E+06	NA	< 8.93E+06
Asbestos Structures >10 um (Amph)	ADX	0	0	< 3.44	< 8.93E+06	NA	< 8.93E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**0**	**< 3.44**	**< 8.93E+06**	**NA**	**< 8.93E+06**
Protocol Asbestos Structures(Chrys)	CD	0	0	< 3.44	< 8.93E+06	NA	< 8.93E+06
Protocol Asbestos Structures (Amph)	ADX	0	0	< 3.44	< 8.93E+06	NA	< 8.93E+06
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**				

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton
Approved Signatory

Elutriator Spreadsheet Version: 4.5

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931 -0002
Client Sample ID:	ITB2701-13

Date:	3/3/2010
System:	3
Operator:	AC

Sample Drying:

Temperature (C):	55
Start Date:	3/2/2010
End Date:	3/3/2010

Sample Weight (g)			Total Dried Sample Weight (g)		
Pre Drying	134.55	g	>3/8"	3.18	g
Post Drying	123.65	g	<3/8"	50.3	g (In Tumbler)
% moisure	8.1		<3/8"	70.17	g (Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	03-Mar-10	9:30	3-Mar-10	13:05
Tumbling	03-Mar-10	13:05	3-Mar-10	18:05

Tumbling Speed: 30 rpm

ME	IST	
1445	86	mL/min

% Moisture from surrogate sample

Pre Dry _____ g % Moisture

Post Dry g

Reviewed:

Date:

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**64**			**Resp.%=**	ME Filter Information
Emission rate	**k=**	**0.0044**			**0.12724**	

Filter ID #	Filter ME	Preweight (mg)	Post-Weight (mg)	Col. Time (minutes)	mf (mg)	Total Time (min)	ln(mo-mf)	t(min)	ln(mo-mf)	ln(mo)
1	ME	24.425	34.537	20	10.112	20	3.987	20	3.9869	4.1589
2	ME	24.562	28.464	10	14.014	30	3.912	30	3.9117	4.1589
3	ME	24.618	28.263	13	17.659	43	3.836	43	3.8360	4.1589
4	ME	24.632	28.290	16	21.317	59	3.754	59	3.7538	4.1589
5	ME	24.587	28.406	20	25.136	79	3.660	79	3.6601	4.1589
6	ME	24.322	27.811	20	28.625	99	3.566	99	3.5660	4.1589
7	ME	24.498	27.862	23	31.989	122	3.466	122	3.4661	4.1589
8	ME	24.578	27.624	27	35.035	149	3.366	149	3.3661	4.1589
11	ME	24.513	27.701	30	38.223	179	3.249	179	3.2495	4.1589
15	ME	24.597	27.893	34	41.519	213	3.113	213	3.1127	4.1589
17	ME	24.356	27.882	39	45.045	252	2.942	252	2.9421	4.1589
18	ME	24.380	27.807	40	48.472	292	2.743	292	2.7426	4.1589
19	ME	24.399	27.203	40	51.276	332	2.543	332	2.5435	4.1589
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									

Delete Data in any Empty Rows Above

EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0002
Client Sample ID:	ITB2701-13

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
9	IST	26.991	27.099	0.108
10	IST	26.998	27.151	0.153
12	IST	27.037	27.172	0.135
13	IST	27.054	27.189	0.135
14	IST	27.051	27.199	0.148
16	IST	27.186	27.314	0.128
	IST			0.000
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

Filters sent to another lab for analysis
12
14

Filter Lot Used	Filter Type:	Pore Size
80812200D	MCE	0.2
		microns

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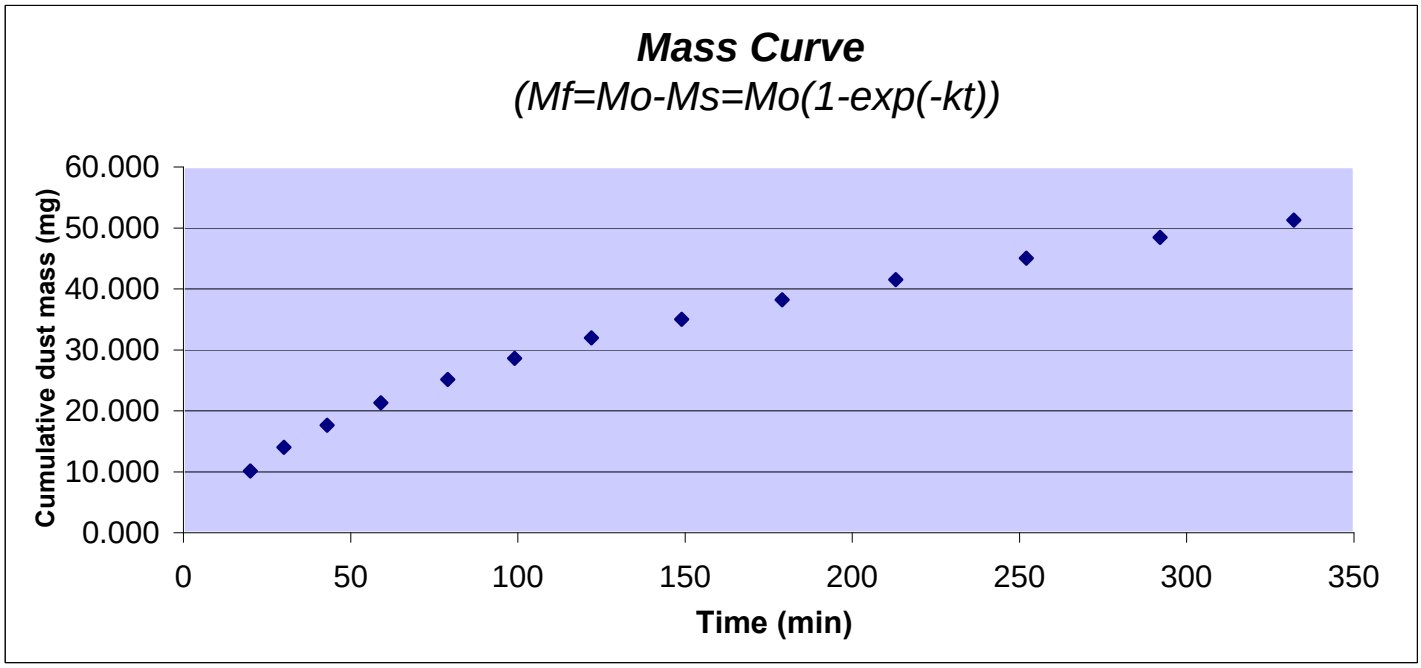
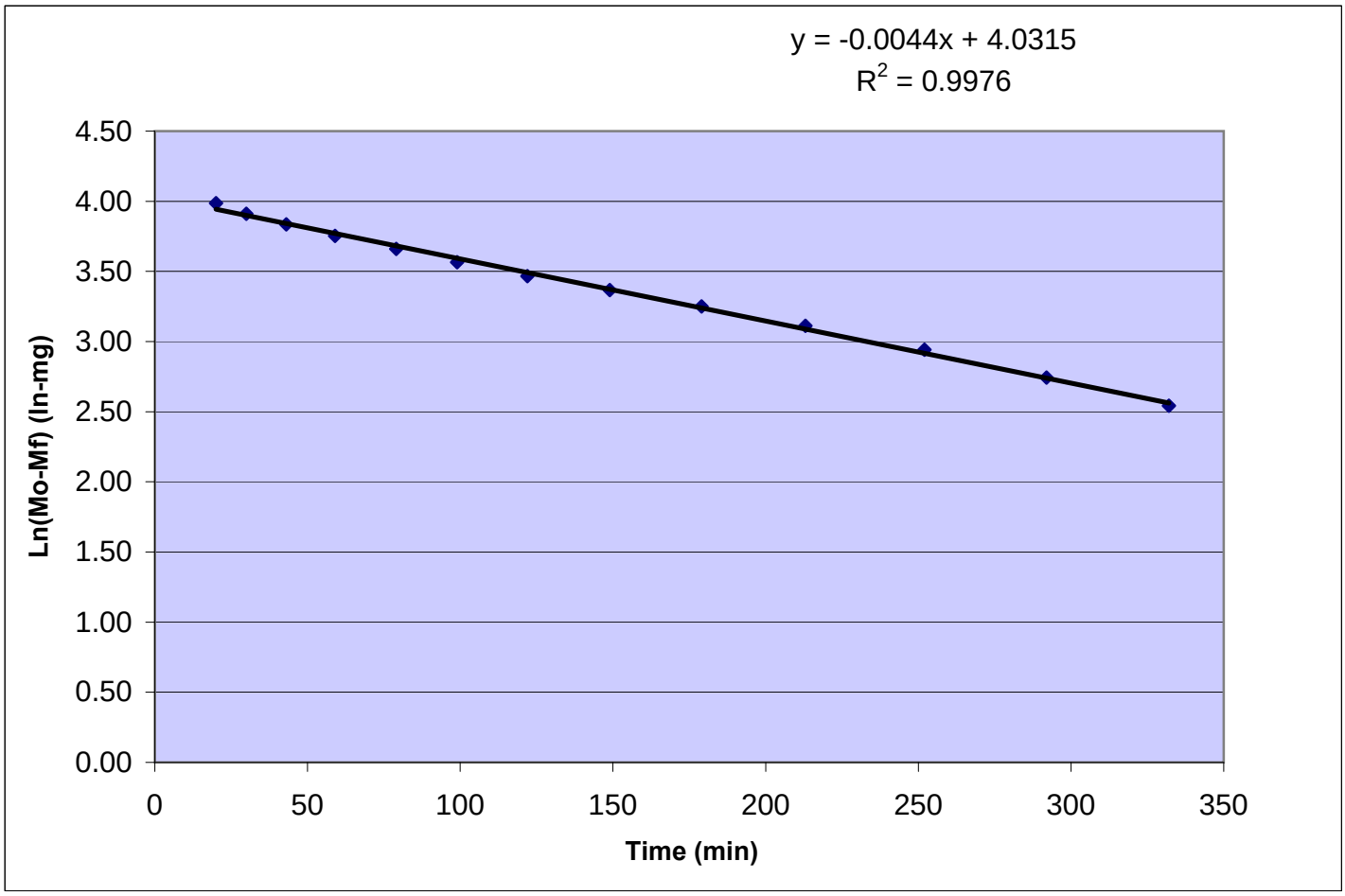
EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0002
Client Sample ID:	ITB2701-13





EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001931-0002	GO area (mm²):	0.013	Scope:	1-46
Customer Sample:	ITB2701-13	Grid Box :	10009: H (2-4)	Mag.	10,000
		Pore Size (micron):	0.2	Analyst(s):	K. DUNBAR
Project ID:	ITB2701 / NV - Nevada			Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H2	A1	None Detected								
H2	A3	None Detected								
H2	A5	None Detected								
H2	A7	None Detected								
H2	A9	None Detected								
H2	C10	None Detected								
H2	C8	None Detected								
H2	C6	None Detected								
H2	C4	None Detected								
H2	C2	None Detected								
H2	E1	None Detected								
H2	E3	None Detected								
H2	E5	None Detected								
H2	E7	None Detected								
H2	E9	None Detected								
H2	G10	None Detected								
H2	G8	None Detected								
H2	G6	None Detected								
H2	G4	None Detected								
H2	G2	None Detected								
H2	I1	None Detected								
H2	I3	None Detected								
H2	I5	None Detected								
H2	I7	None Detected								
H2	I9	None Detected								
H3	B1	None Detected								
H3	B3	None Detected								
H3	B5	None Detected								
H3	B7	None Detected								
H3	B9	None Detected								
H3	D10	None Detected								
H3	D8	None Detected								
H3	D6	None Detected								
H3	D4	None Detected								
H3	D2	None Detected								

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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001931-0002
Customer Sample:	ITB2701-13

Analyzed By:	K. DUNBAR
Analysis Date:	03/12/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
H3	F1	None Detected								
H3	F3	None Detected								
H3	F5	None Detected								
H3	F7	None Detected								
H3	F9	None Detected								
H3	H10	None Detected								
H3	H8	None Detected								
H3	H6	None Detected								
H3	H4	None Detected								
H3	H2	None Detected								
H3	J1	None Detected								
H3	J3	None Detected								
H3	J5	None Detected								
H3	J7	None Detected								
H3	J9	None Detected								
H4	J1	None Detected								
H4	J3	None Detected								
H4	J5	None Detected								
H4	J7	None Detected								
H4	J9	None Detected								
H4	H10	None Detected								
H4	H8	None Detected								
H4	H6	None Detected								
H4	H4	None Detected								
H4	H2	None Detected								
H4	F1	None Detected								
H4	F3	None Detected								
H4	F5	None Detected								
H4	F7	None Detected								
H4	F9	None Detected								
H4	D10	None Detected								
H4	D8	None Detected								

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Email: SanLeandroLab@emsl.com

Attn:	*Amy Harris*	**Customer ID:**	TEST72
	Test America-Irvine, CA	**Customer PO:**	ITB2701
	17461 Derian Avenue Suite 100	**Received:**	2/26/10 5:00 PM
	Irvine, CA 92614	**EMSL Order:**	091001931
Phone:	(949)261-1022	**Date Prepared:**	3/3/2010
Fax:	(949)260-3297	**Analysis Date(s):**	3/11/2010
Project:	**NV - Nevada / ITB2701**		
Date Sampled:	**02/25/2010**	**Report Date:**	**5/1/2010**

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

EMSL Sample Number	091001931-0001		Mass of Respirable Dust on Filter:	0.00015	g
Customer Sample Number:	ITB2701-12		Area of collection filter:	385	mm²
Minimum Level of analysis (chrysotile):	CD		Grid openings Area:	0.013	mm²
Minimum Level of analysis (amphibole):	ADX		Grid Openings Analyzed:	66	
Magnification used for fiber counting:	10,000	x	Min Str. Length/ Max Str. Diameter:	>5 / <0.4	microns
Aspect ratio for fiber definition:	3:1		Analyst(s):	K. DUNBAR	

Dust Generator-Total Dried Sample Weights			Soil % Moisture	1.9	%
>3/8"	8.440	g	Air Flow Rate Through ME opening of Dust Generator	1443.00	ml/min
Not Used <3/8"	61.290	g	Air Flow Rate Through IST opening of Dust Generator	82.00	ml/min
Used in Tumbler <3/8"	62.920	g	Estimated Total Air Flow Through Elutriator	1525.00	ml/min

Analytical Sensitivity: 2.99E+06 Structure/g PM10 Limit of Detection: 8.94E+06 Structure/g PM10

Test for Uniformity (Chi-Square result) Random (64)

Structure Class	Min ID Level Required	Counts Primary Str.	Counts Total Str.	Density Str/mm²	Conc. Str/g PM10	Poisson 95 % Confidence Interval Lower Limit Str/g PM10	Poisson 95 % Confidence Interval Upper Limit Str/g PM10
Asbestos Structures > 5um, ≤10um	**CD/ADX**	**0**	**0**	**< 3.50**	**< 8.94E+06**	**NA**	**< 8.94E+06**
Asbestos Structures > 5um, ≤ 10um (Chrys)	CD	0	0	< 3.50	< 8.94E+06	NA	< 8.94E+06
Asbestos Structures > 5um, ≤ 10um (Amph)	ADX	0	0	< 3.50	< 8.94E+06	NA	< 8.94E+06
Asbestos Structures >10 um (Long)	**CD/ADX**	**0**	**2**	**< 3.50**	**< 8.94E+06**	**NA**	**< 1.88E+07**
Asbestos Structures >10 um (Chrys)	CD	0	2	< 3.50	< 8.94E+06	NA	< 1.88E+07
Asbestos Structures >10 um (Amph)	ADX	0	0	< 3.50	< 8.94E+06	NA	< 8.94E+06
Total Protocol Asbestos Structures	**CD/ADX**	**0**	**2**	**< 3.50**	**< 8.94E+06**	**NA**	**< 1.88E+07**
Protocol Asbestos Structures(Chrys)	CD	0	2	< 3.50	< 8.94E+06	NA	< 1.88E+07
Protocol Asbestos Structures (Amph)	ADX	0	0	< 3.50	< 8.94E+06	NA	< 8.94E+06
Total Protocol Non Asbestos Structures	**NAM**	**0**	**0**				

Note: The concentration of asbestos and the 95% Confidence Intervals are reported on the basis of the Poissonian distribution and the Total Structure count. Structure counts above 31 may be better expressed with a Gaussian distribution. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL is not responsible for sample collection activities or analytical method limitations. Interpretation and use of results are the responsibility of the client.

Robyn Denton

Approved Signatory

Elutriator Spreadsheet Version: 4.5

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

Client:	Amy Harris , Test America-Irvine, CA				
EMSL Sample ID:	091001931-0001	GO area (mm²):	0.013	Scope:	1-46
Customer Sample:	ITB2701-12	Grid Box :	10009: G (8-10)	Mag.	10,000
		Pore Size (micron):	0.2	Analyst(s):	K. DUNBAR
Project ID:	ITB2701 / NV - Nevada			Analysis Date:	03/11/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
G8	A1	None Detected								
G8	A3	None Detected								
G8	A5	None Detected								
G8	A7	None Detected								
G8	A9	None Detected								
G8	C10	None Detected								
G8	C8	None Detected								
G8	C6	None Detected								
G8	C4	None Detected								
G8	C2	None Detected								
G8	E1	None Detected								
G8	E3	None Detected								
G8	E5	None Detected								
G8	E7	None Detected								
G8	E9	None Detected								
G8	G10	None Detected								
G8	G8	None Detected								
G8	G6	None Detected								
G8	G4	None Detected								
G8	G1	None Detected								
G8	I1	None Detected								
G8	I3	None Detected								
G8	I5	None Detected								
G8	I7	None Detected								
G8	I9	None Detected								
G9	B1	None Detected								
G9	B3	None Detected								
G9	B5	MD11	1		20	5.5	CDQ	Chrysotile		
G9	B5	MB		1	20	0.3	CDQ	Chrysotile	46270	
G9	B7	None Detected								
G9	B9	None Detected								
G9	D10	None Detected								
G9	D8	None Detected								
G9	D6	None Detected								
G9	D4	None Detected								

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EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Bench Sheet Data

EMSL Sample ID:	091001931-0001
Customer Sample:	ITB2701-12

Analyzed By:	K. DUNBAR
Analysis Date:	03/11/2010

Grid ID	Grid Opening	Structure Type	Structure Number		Dimensions (µm)		Level of ID	Mineral Type	Image Number	Structure Comments
			Primary	Total	Length	Width				
G9	D2	None Detected								
G9	F1	None Detected								
G9	F3	None Detected								
G9	F5	None Detected								
G9	F7	None Detected								
G9	F9	None Detected								
G9	H10	None Detected								
G9	H8	None Detected								
G9	H6	None Detected								
G9	H4	None Detected								
G9	H2	None Detected								
G9	J1	None Detected								
G9	J3	MD11	2		19.2	3.8	CD	Chrysotile		
G9	J3	MB		2	19.2	0.35	CD	Chrysotile		
G9	J5	None Detected								
G9	J7	None Detected								
G9	J9	None Detected								
G10	A1	None Detected								
G10	A3	None Detected								
G10	A5	None Detected								
G10	A7	None Detected								
G10	A9	None Detected								
G10	C10	None Detected								
G10	C8	None Detected								
G10	C6	None Detected								
G10	C4	None Detected								
G10	C2	None Detected								
G10	E1	None Detected								
G10	E3	None Detected								
G10	E5	None Detected								
G10	E7	None Detected								
G10	E9	None Detected								
G10	G10	None Detected								

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EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931 **-0001**
Client Sample ID:	ITB2701-12

Date:	3/3/2010
System:	1
Operator:	AC

Sample Drying:	
Temperature (C):	55
Start Date:	3/2/2010
End Date:	3/3/2010

Sample Weight (g)		Total Dried Sample Weight (g)		
Pre Drying	135.16 g	>3/8"	8.44 g	
Post Drying	132.65 g	<3/8"	62.92 g	(In Tumbler)
% moisure	1.9	<3/8"	61.29 g	(Not Used)

	Start Date	Start Time	Stop Date	Stop Time
Conditioning	03-Mar-10	9:30	3-Mar-10	11:40
Tumbling	03-Mar-10	11:40	3-Mar-10	16:40

Tumbling Speed

30	rpm

1443	82	mL/min
ME	**IST**	

% Moisture from surrogate sample

Pre Dry _____ g % Moisture

Post Dry g

Reviewed:

Date:

Following results are needed for calculation of asbestos concentration in the total sample mass

Resp. Mass	**mo (mg)=**	**540**			**Resp.%=**	
Emission rate	**k=**	**0.0007**			**0.85823**	ME Filter Information

Filter ID #	**Filter ME**	**Preweight (mg)**	**Post-Weight (mg)**	**Col. Time (minutes)**	**mf (mg)**	**Total Time (min)**	**ln(mo-mf)**	**t(min)**	**ln(mo-mf)**	**ln(mo)**
1	ME	24.387	32.304	20	7.917	20	6.277	20	6.2768	6.2916
2	ME	24.357	32.060	15	15.620	35	6.262	35	6.2622	6.2916
3	ME	24.397	30.814	15	22.037	50	6.250	50	6.2499	6.2916
4	ME	24.543	31.817	19	29.311	69	6.236	69	6.2358	6.2916
5	ME	24.592	31.725	20	36.444	89	6.222	89	6.2217	6.2916
7	ME	24.527	31.715	20	43.632	109	6.207	109	6.2073	6.2916
11	ME	24.325	31.890	20	51.197	129	6.192	129	6.1920	6.2916
14	ME	24.590	31.656	20	58.263	149	6.177	149	6.1774	6.2916
16	ME	24.602	31.259	20	64.920	169	6.163	169	6.1635	6.2916
17	ME	24.518	31.245	20	71.647	189	6.149	189	6.1492	6.2916
18	ME	24.516	31.343	20	78.474	209	6.135	209	6.1345	6.2916
19	ME	24.542	31.475	20	85.407	229	6.119	229	6.1194	6.2916
20	ME	24.375	32.734	22	93.766	251	6.101	251	6.1008	6.2916
21	ME	24.540	31.367	20	100.593	271	6.085	271	6.0854	6.2916
22	ME	24.318	30.244	20	106.519	291	6.072	291	6.0718	6.2916
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
	ME									
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	ME									
	ME									
	ME									
	ME									
	ME									

Delete Data in any Empty Rows Above

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EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0001
Client Sample ID:	ITB2701-12

IST Filter Information

Filter ID #	Filter IST	Preweight (mg)	Post-Weight (mg)	ΔMF (mg)
6	IST	27.159	27.329	0.170
8	IST	26.898	27.055	0.157
9	IST	27.315	27.424	0.109
10	IST	27.025	27.175	0.150
12	IST	27.09	27.227	0.137
13	IST	26.931	27.081	0.150
15	IST	27.158	27.306	0.148
	IST			0.000
	IST			0.000
	IST			0.000

Enter Filter numbers that are to be sent.

Filters sent to another lab for analysis
10
13

Filter Lot Used	Filter Type: Pore Size	
80812200D	MCE	0.2
		microns

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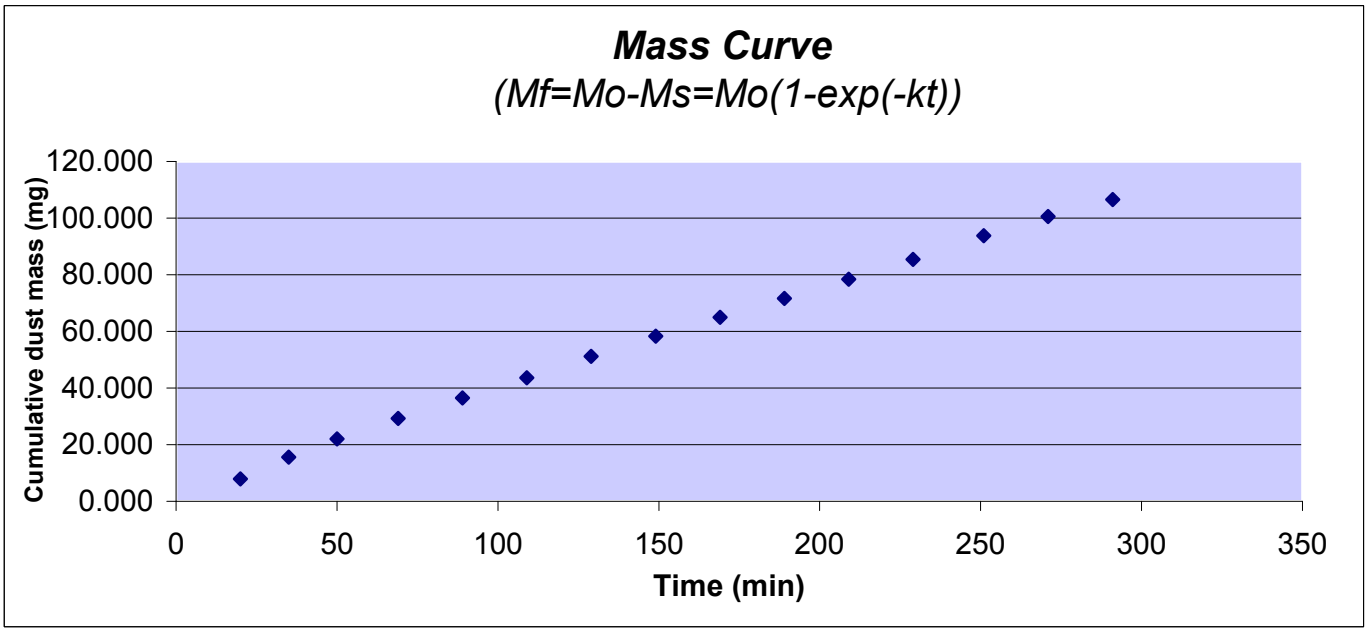
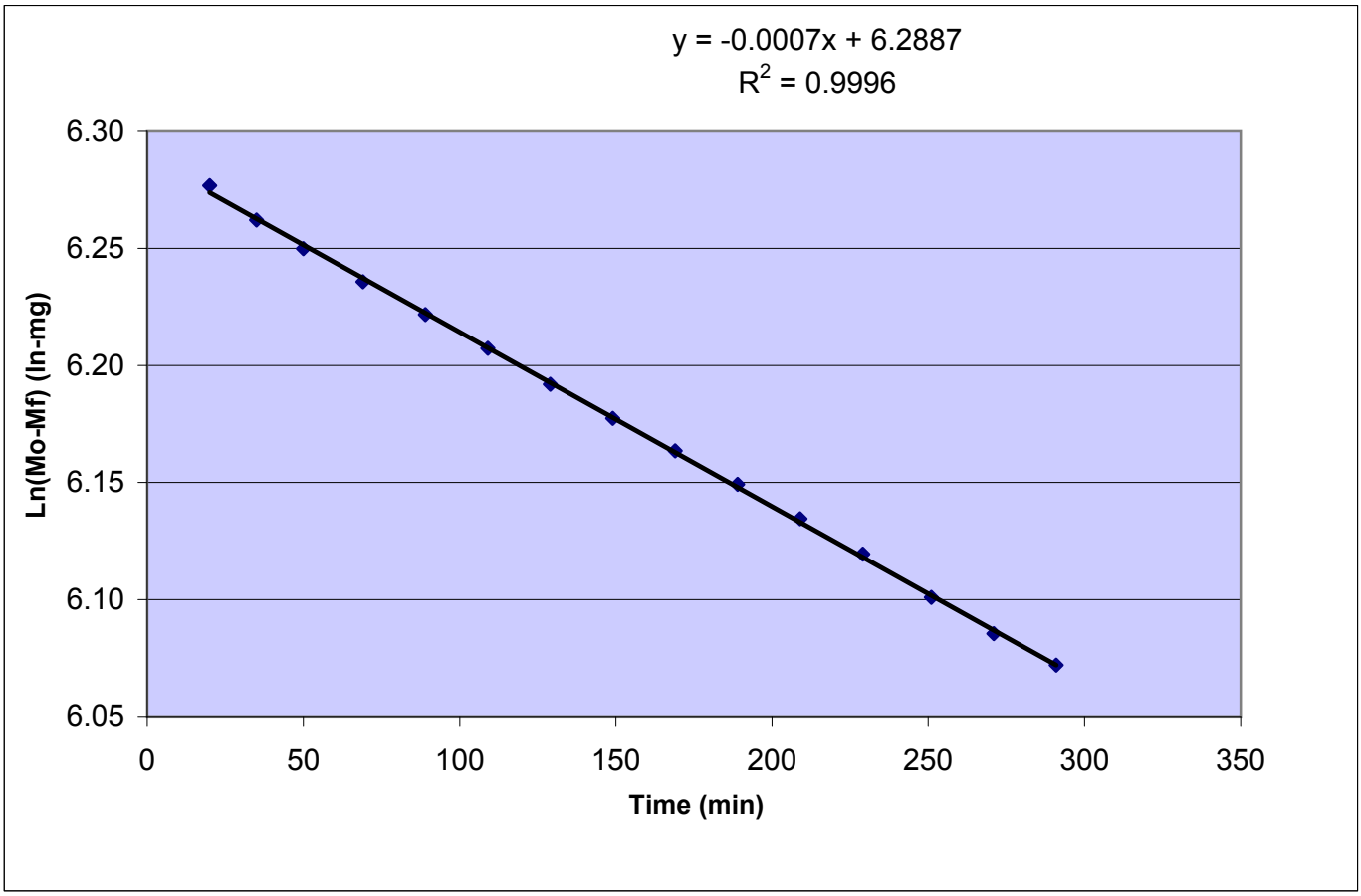
EMSL Analytical, Inc
Elutriator Prep Worksheet

EMSL Ord./sample:	091001931-0001
Client Sample ID:	ITB2701-12





107 Haddon Avenue, Westmont, NJ 08108

Phone: (800) 220-3675 Fax: (856) 858-1292 Email: WestmontAsbLab@emsl.com

EPA 540-R-97-028 -Superfund Method

Draft Modified Elutriator Method for the Determination of Asbestos in Soils and Bulk Material Method (Revision 1)

Structure Sketch Sheet for Direct Data Entry

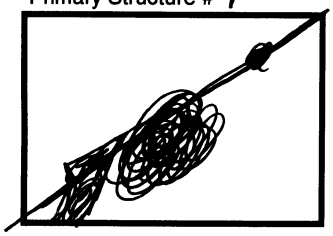
EMSL Order ID: 091001931-0001

Client: Test America-Irvine, CA

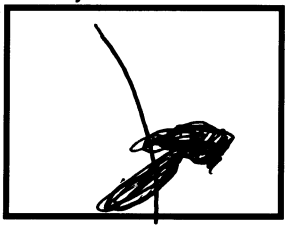
Client Sample: *ITB2701-12*

Page 1 of 1

Primary Structure # 1



Primary Structure # 2



Primary Structure #

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Structure #

Analyst: KD

Date: 12MAR10

Scope: 1-46

2235 Polvorosa Ave., Suite 230, San Leandro, CA 91030

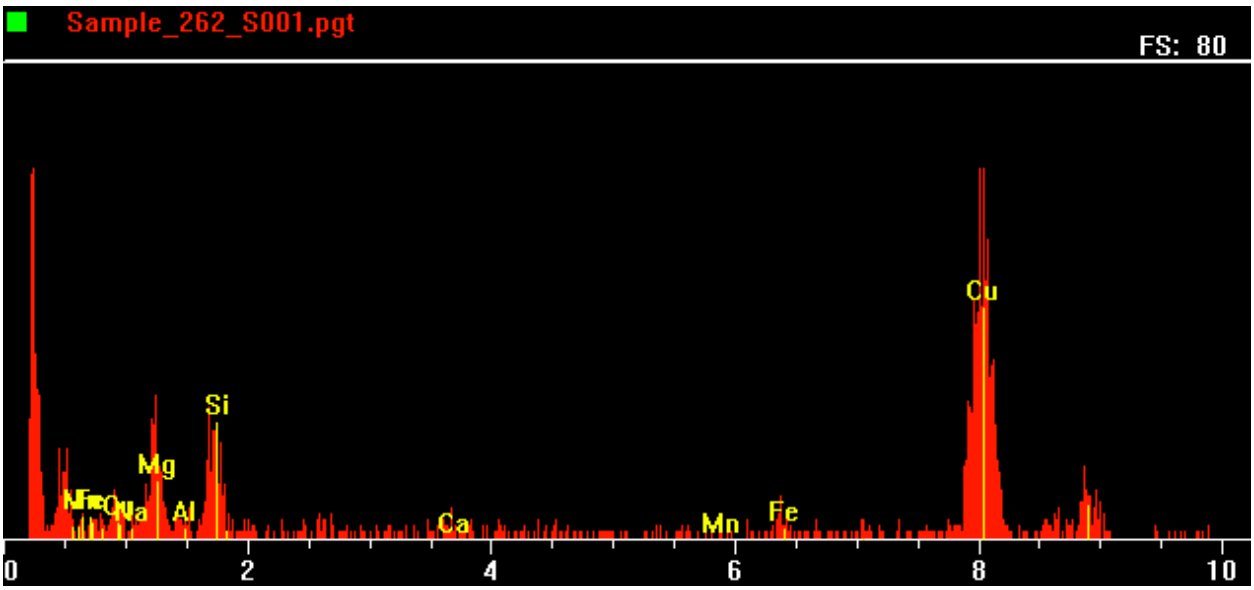
Phone: (510) 895-3675 Fax: (510) 895-3680 Email: SanLeandroLab@emsl.com

Energy Dispersive X-Ray Analysis
Quantitative Spectra & Data

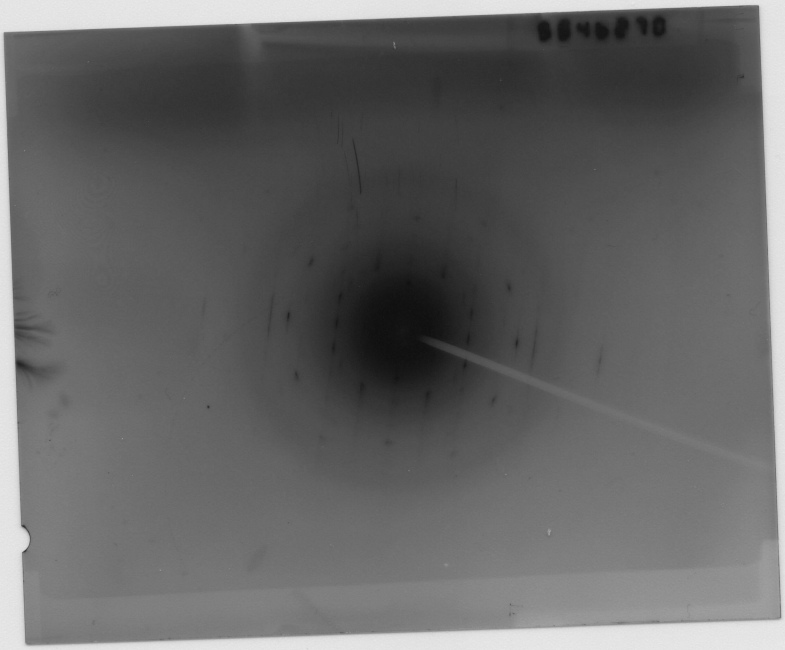
EMSL ANALYTICAL, INC.

File: 091001931-0001_TEM_Elutriator_EDX_Chrysotile
Collected: March 12, 2010 13:48:20

Live Time:	75.04	Count Rate:	80	Dead Time:	0.87 %
Beam Voltage:	20.00	Beam Current:	2.00	Takeoff Angle:	31.00



Element	keV	KRatio	Wt%	Gross (cps)	BKG (cps)	Net (cps)
Na	1.041	0.0000	0.00	0.8	0.6	0.0
Mg	1.254	0.0362	13.04	4.6	0.6	4.0
Al	1.487	0.0012	0.37	0.8	0.7	0.1
Si	1.740	0.0458	9.95	5.8	0.3	5.5
Ca	3.691	0.0073	0.77	0.6	0.0	0.6
Mn	5.898	0.0057	0.52	0.3	0.0	0.3
Fe	6.403	0.0251	2.05	1.2	0.0	1.2
Cu	8.046	0.6900	73.30	21.9	0.5	21.4
Total			**100.00**			



SUBCONTRACT ORDER
TestAmerica Irvine

ITB2701

0905 1931

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Harris

RECEIVING LABORATORY:

EMSL - New Jersey - SUB
107 Haddon Ave
Westmont, NJ 08108
Phone :(856) 858-4800
Fax: (856) 858-4960
Project Location: NV - NEVADA
Receipt Temperature: ____ °C Ice: Y / N

Standard TAT is requested unless specific due date is requested. => Due Date: _____ Initials: _____

Analysis	Units	Expires	Comments
Sample ID: ITB2701-12 (FTF-38 - Soil)		Sampled: 02/25/10 11:00	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 11:00	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 4 oz Jar (B)			
Sample ID: ITB2701-13 (FTF-37 - Soil)		Sampled: 02/25/10 11:05	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 11:05	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 4 oz Jar (B)			
Sample ID: ITB2701-14 (FD2-022510 - Soil)		Sampled: 02/25/10 11:08	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 11:08	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 4 oz Jar (B)			
Sample ID: ITB2701-15 (FDF-41 - Soil)		Sampled: 02/25/10 11:20	
Asbestos-TEM (Soil)	Present/Not Pr	02/27/10 11:20	Elutriator method; sub to EMSL, New Jersey
Containers Supplied: 4 oz Jar (B)			

Released By	Date/Time	Received By	Date/Time
Olga Orrales	2/26/10 17:00	FedEx	2/26/10 17:00

Lanzing, Terri

From: Lanzing, Terri
Sent: Thursday, March 04, 2010 4:13 PM
To: 'amy.harris@testamericainc.com'
Subject: EMSL receipt confirmation for 091001931 (ITB2701 Project Location: NV - Nevada).
Attachments: 091001931_rpt - amended.pdf; 091001931_COC.pdf

Confirmation for samples on EMSL order ID 091001931 (ITB2701
Project Location: NV - Nevada)

Please see the attached documentation. The due date has been amended.

If you do not wish to receive receipt confirmations in the future,
please contact Customer Service at (800) 220-3675.

This email may contain privileged and confidential information and is solely for the use of the sender's intended recipient(s).
If you received this email in error, please notify the sender by reply email and delete all copies and attachments. Thank you

EMSL Analytical, Inc.
107 Haddon Ave., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Amy Harris**
TestAmerica - Irvine, CA
17461 Derian Avenue
Suite 100
Irvine, CA 92614

Fax: (949) 260-3297 Phone: (949) 261-1022

Customer ID: TEST72
Customer PO:
Received: 03/02/10 10:30 AM
EMSL Order: 041004070

EMSL Proj:
Analysis Date: 3/3/2010

Test Report: Determination of Asbestos Structures over 10um in Length in Waste Water Performed by the EPA 100.2 Method

Sample ID	Sample Prep Date	# Fibers Asbestos	# Fibers Non-Asbestos	Type(s) Of Asbestos	Analytical Sensitivity (MFL)	Confidence Limits	Concentration Of Asbestos Fibers (MFL)	Comments
ITB2701-01 (EB-022510-WATER) *041004070-0001*	3-2-10	0	0		0.19	0.00-0.72	<0.19	

Analyst(s)
Christopher Gratz (1)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Sample collection and containers provided by the client, acceptable bottle blank level is defined as <=0.01MFL>10um. ND=None Detected. This report may not be reproduced, except in full, without written permission by EMSL Analytical, Inc. The test results contained within this report meet the requirements of NELAC unless otherwise noted. This report relates only to the samples reported above. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. 107 Haddon Ave., WestmontNJ NJ DEP 04006, NY ELAP 10872, FL DOH E87786

THIS IS THE LAST PAGE OF THE REPORT.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. ITB2701

TestAmerica Irvine

Lot #: F0C020457

Amy Harris

TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817

TESTAMERICA LABORATORIES, INC.

Kay Clay
Project Manager

March 9, 2010

Case Narrative
LOT NUMBER: F0C020457

This report contains the analytical results for the eight samples received under chain of custody by TestAmerica St. Louis on March 2, 2010. These samples are associated with your TestAmerica Irvine project.

The analytical results included in this report meet all applicable quality control procedure requirements, except as noted on the following page.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by TestAmerica St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. **TestAmerica St. Louis' Florida certification number is E87689.** The case narrative is an integral part of this report.

This report shall not be reproduced, except in full, without the written approval of the laboratory.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

Observations/Nonconformances
Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

Trace Inductively Coupled Plasma (ICP) Metals (SW846 6010B)
Batch: 0061245
There was insufficient sample volume to perform MS/MSD analysis. A LCS/LCSD was performed to demonstrate accuracy and replicate precision.

Affected Samples:
F0C020457 (1): ITB2701-01

METHODS SUMMARY

F0C020457

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F0C020457

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LV7K7	001	ITB2701-01	02/25/10	12:00
LV7K9	002	ITB2701-02	02/25/10	09:15
LV7LG	003	ITB2701-03	02/25/10	09:25
LV7LK	004	ITB2701-04	02/25/10	09:30
LV7LN	005	ITB2701-05	02/25/10	09:45
LV7LQ	006	ITB2701-06	02/25/10	09:55
LV7LV	007	ITB2701-07	02/25/10	10:00
LV7L4	008	ITB2701-08	02/25/10	10:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TestAmerica Irvine

Client Sample ID: ITB2701-01

TOTAL Metals

Lot-Sample #...: F0C020457-001 **Matrix.....:** WATER
Date Sampled...: 02/25/10 12:00 **Date Received..:** 03/02/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0061245						
Sulfur	ND	5000	ug/L	SW846 6010B	03/02-03/04/10	LV7K71AC
		Dilution Factor: 1		Analysis Time..: 14:32		

TestAmerica Irvine

Client Sample ID: ITB2701-02

TOTAL Metals

Lot-Sample #...: F0C020457-002 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 09:15 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**349 B**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7K91AD**
		Dilution Factor: 1		Analysis Time..: 09:24		

NOTE(S):

B Estimated result. Result is less than RL.

TestAmerica Irvine

Client Sample ID: ITB2701-03

TOTAL Metals

Lot-Sample #...: F0C020457-003 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 09:25 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**1410**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7LG1AD**
		Dilution Factor: 1		Analysis Time..: 09:49		

TestAmerica Irvine

Client Sample ID: ITB2701-04

TOTAL Metals

Lot-Sample #...: F0C020457-004 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 09:30 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**2020**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7LK1AD**
		Dilution Factor: 1		Analysis Time..: 09:55		

TestAmerica Irvine

Client Sample ID: ITB2701-05

TOTAL Metals

Lot-Sample #...: F0C020457-005 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 09:45 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**321 B**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7LN1AD**
		Dilution Factor: 1		Analysis Time..: 10:01		

NOTE(S):

B Estimated result. Result is less than RL.

TestAmerica Irvine

Client Sample ID: ITB2701-06

TOTAL Metals

Lot-Sample #...: F0C020457-006 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 09:55 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**253 B**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7LQ1AD**
		Dilution Factor: 1		Analysis Time..: 10:09		

NOTE(S):

B Estimated result. Result is less than RL.

TestAmerica Irvine

Client Sample ID: ITB2701-07

TOTAL Metals

Lot-Sample #...: F0C020457-007 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 10:00 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**195 B**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7LV1AD**
		Dilution Factor: 1		Analysis Time..: 10:27		

NOTE(S):

B Estimated result. Result is less than RL.

TestAmerica Irvine

Client Sample ID: ITB2701-08

TOTAL Metals

Lot-Sample #...: F0C020457-008 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 10:10 **Date Received..:** 03/02/10
% Moisture.....:

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0062054						
Sulfur	**252 B**	**500**	**mg/kg**	**SW846 6010B**	**03/03-03/08/10**	**LV7L41AD**
		Dilution Factor: 1		Analysis Time..: 10:33		

NOTE(S):

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: F0C020457 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F0C020000-245 **Prep Batch #...:** 0061245						
Sulfur	ND	5000	ug/L	SW846 6010B	03/02-03/04/10	LV7QX1AA
		Dilution Factor: 1				
		Analysis Time..: 14:14				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: F0C020457 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F0C030000-054 **Prep Batch #...:** 0062054						
Sulfur	ND	500	mg/kg	SW846 6010B	03/03-03/08/10	LV8A21AA
		Dilution Factor: 1				
		Analysis Time..: 09:12				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: F0C020457 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Sulfur	105	(80 - 120)			SW846 6010B	03/02-03/04/10	0061245
	104	(80 - 120)	1.2	(0-20)	SW846 6010B	03/02-03/04/10	0061245

Dilution Factor: 1 Analysis Time..: 14:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F0C020457 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F0C030000-054 **Prep Batch #...:** 0062054					
Sulfur	108	(80 - 120)	SW846 6010B	03/03-03/08/10	LV8A21AC
		Dilution Factor: 1	Analysis Time..: 09:18		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F0C020457 **Matrix.....:** SOLID
Date Sampled...: 02/25/10 09:15 **Date Received..:** 03/02/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F0C020457-002 **Prep Batch #...:** 0062054							
						% Moisture.....:	
Sulfur	106	(75 - 125)			SW846 6010B	03/03-03/08/10	LV7K91AE
	100	(75 - 125)	4.2	(0-30)	SW846 6010B	03/03-03/08/10	LV7K91AF

Dilution Factor: 1
Analysis Time..: 09:37

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Clin 304

SUBCONTRACT ORDER
TestAmerica Irvine

ITB2701

F0C020457

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Harris
Client: Geosyntec Consultants (Henderson)

RECEIVING LABORATORY:

TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Phone :(314) 298-8566
Fax: (314) 298-8757
Project Location: NV - NEVADA
Receipt Temperature: _____ °C Ice: Y / N

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: ITB2701-01 (EB-022510 - Water) Sampled: 02/25/10 12:00						
Sulfur-6010-OUT	mg/l	03/09/10	08/24/10 12:00	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied: 100 mL Poly (E)						
Sample ID: ITB2701-02 (SB-1-0.5 - Soil) Sampled: 02/25/10 09:15						
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 09:15	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied: 2 oz Jar (C)						
Sample ID: ITB2701-03 (SB-1-3 - Soil) Sampled: 02/25/10 09:25						
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 09:25	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied: 9 oz Jar (D)						
Sample ID: ITB2701-04 (FD-022510 - Soil) Sampled: 02/25/10 09:30						
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 09:30	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied: 9 oz Jar (D)						
Sample ID: ITB2701-05 (SB-2-0.5 - Soil) Sampled: 02/25/10 09:45						
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 09:45	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied: 4 oz Jar (C)						
Sample ID: ITB2701-06 (SB-2-3 - Soil) Sampled: 02/25/10 09:55						
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 09:55	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied: 9 oz Jar (D)						

Released By	Date/Time	Received By	Date/Time
	3/1/10 12:00	FedEx	3/1/10 17:00
Released By	Date/Time	Received By	Date/Time
		Angela Boon	3/2/10 9:15

Page 1 of 2

SUBCONTRACT ORDER
TestAmerica Irvine

ITB2701

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: ITB2701-07 (SB-17-0.5 - Soil)			Sampled: 02/25/10 10:00			
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 10:00	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied:						
4 oz Jar (C)						
Sample ID: ITB2701-08 (SB-17-3 - Soil)			Sampled: 02/25/10 10:10			
Sulfur-6010-OUT	mg/kg	03/09/10	08/24/10 10:10	$50.00	0%	Molecular Sulfur; TA St. Louis
Containers Supplied:						
9 oz Jar (D)						

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F0C020457; 460
460
462
465
466

CONDITION UPON RECEIPT FORM

Client: TA Irvine
Quote No: 77635, 85044
COC/RFA No: Below
304
Initiated By: AB
Date: 3-2-10 Time: 9:15

Shipping Information

Shipper: (FedEx) UPS DHL Courier Client Other: _____ Multiple Packages: (Y) N

Shipping # (s):*

1. 4289 2133 5249
2. 5043
3. 5032
4. 5054
5.
6.
7.
8.
9.
10.

Sample Temperature (s):**

1. 5
2. ambient
3. ↓
4.
5.
6.
7.
8.
9.
10.

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	(Y) N	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y (N) N/A	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) N N/A	Does the Chain of Custody match sample ID's on the container(s)?	12.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	(Y) N N/A	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	(Y) N N/A	Was pH taken by original TestAmerica lab?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: COC-ITB2701 - TAT 3/9/10 per KC
2802827
2837
2835
2829 2 did not receive ~~COC~~ WS w/ COC AB 3-2-10
2751 5
2766

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: Jaymah Pohl Date: 3-4-10

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.

ADMIN-0004, REVISED 10/21/08 \\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

APPENDIX F

DATA QUALITY ASSESSMENT

TABLES

APPENDIX F
DATA QUALITY ASSESSMENT TABLE FOR SOIL (DRY AND WET WEIGHT)
FORMER DICHLOROBENZIL WAREHOUSE AREA
HENDERSON, NEVADA

Geosyntec consultants

Dry Weight

1,1,1,2-Tetrachloroethane				
Number of Samples	5			
Standard Deviation	3.30E-05			
Threshold (mg/kg)	3.69	α=5%	α=10%	α=15%
10% of Threshold (0.37 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1,1-Trichloroethane				
Number of Samples	5			
Standard Deviation	4.20E-05			
Threshold (mg/kg)	1385.38	α=5%	α=10%	α=15%
10% of Threshold (138.54 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (277.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (415.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1,2,2-Tetrachloroethane				
Number of Samples	5			
Standard Deviation	5.47E-05			
Threshold (mg/kg)	0.47	α=5%	α=10%	α=15%
10% of Threshold (0.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1,2-Trichloroethane				
Number of Samples	5			
Standard Deviation	4.30E-05			
Threshold (mg/kg)	1.05	α=5%	α=10%	α=15%
10% of Threshold (0.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1-Dichloroethane				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	4.19	α=5%	α=10%	α=15%
10% of Threshold (0.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1-Dichloroethene				
Number of Samples	5			
Standard Deviation	3.49E-05			
Threshold (mg/kg)	284.90	α=5%	α=10%	α=15%
10% of Threshold (28.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (56.98 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (85.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1-Dichloropropene				
Number of Samples	5			
Standard Deviation	2.28E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

1,2,3-Trichlorobenzene				
Number of Samples	5			
Standard Deviation	6.64E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

1,2,3-Trichloropropane				
Number of Samples	5			
Standard Deviation	6.64E-05			
Threshold (mg/kg)	0.02	α=5%	α=10%	α=15%
10% of Threshold (0.002 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.004 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.006 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2,4,5-Tetrachlorobenzene				
Number of Samples	3			
Standard Deviation	4.29E-03			
Threshold (mg/kg)	18.33	α=5%	α=10%	α=15%
10% of Threshold (1.83 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (5.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2,4-Trichlorobenzene				
Number of Samples	5			
Standard Deviation	6.64E-05			
Threshold (mg/kg)	22.08	α=5%	α=10%	α=15%
10% of Threshold (2.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (4.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (6.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2,4-Trimethylbenzene				
Number of Samples	5			
Standard Deviation	5.00E-05			
Threshold (mg/kg)	143.87	α=5%	α=10%	α=15%
10% of Threshold (14.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (28.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (43.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dibromo-3-chloropropane				
Number of Samples	5			
Standard Deviation	8.27E-05			
Threshold (mg/kg)	0.01	α=5%	α=10%	α=15%
10% of Threshold (0.001 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.002 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.003 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

1,1,1,2-Tetrachloroethane				
Number of Samples	5			
Standard Deviation	3.85E-05			
Threshold (mg/kg)	3.69	α=5%	α=10%	α=15%
10% of Threshold (0.37 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1,1-Trichloroethane				
Number of Samples	5			
Standard Deviation	4.51E-05			
Threshold (mg/kg)	1385.38	α=5%	α=10%	α=15%
10% of Threshold (138.54 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (277.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (415.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1,2,2-Tetrachloroethane				
Number of Samples	5			
Standard Deviation	5.55E-05			
Threshold (mg/kg)	0.47	α=5%	α=10%	α=15%
10% of Threshold (0.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1,2-Trichloroethane				
Number of Samples	5			
Standard Deviation	6.15E-05			
Threshold (mg/kg)	1.05	α=5%	α=10%	α=15%
10% of Threshold (0.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1-Dichloroethane				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	4.19	α=5%	α=10%	α=15%
10% of Threshold (0.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1-Dichloroethene				
Number of Samples	5			
Standard Deviation	3.98E-05			
Threshold (mg/kg)	284.90	α=5%	α=10%	α=15%
10% of Threshold (28.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (56.98 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (85.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,1-Dichloropropene				
Number of Samples	5			
Standard Deviation	2.56E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

1,2,3-Trichlorobenzene				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

1,2,3-Trichloropropane				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	0.02	α=5%	α=10%	α=15%
10% of Threshold (0.002 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.004 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.006 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2,4,5-Tetrachlorobenzene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	18.33	α=5%	α=10%	α=15%
10% of Threshold (1.83 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (5.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2,4-Trichlorobenzene				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	22.08	α=5%	α=10%	α=15%
10% of Threshold (2.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (4.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (6.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2,4-Trimethylbenzene				
Number of Samples	5			
Standard Deviation	5.30E-05			
Threshold (mg/kg)	143.87	α=5%	α=10%	α=15%
10% of Threshold (14.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (28.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (43.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dibromo-3-chloropropane				
Number of Samples	5			
Standard Deviation	1.04E-04			
Threshold (mg/kg)	0.01	α=5%	α=10%	α=15%
10% of Threshold (0.001 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.002 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.003 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Geosyntec consultants

Dry Weight

1,2-Dibromoethane (EDB)				
Number of Samples	5			
Standard Deviation	3.62E-05			
Threshold (mg/kg)	0.03	α=5%	α=10%	α=15%
10% of Threshold (0.003 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.007 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dichlorobenzene				
Number of Samples	5			
Standard Deviation	5.57E-05			
Threshold (mg/kg)	372.61	α=5%	α=10%	α=15%
10% of Threshold (37.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (74.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (111.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dichloroethane				
Number of Samples	5			
Standard Deviation	3.62E-05			
Threshold (mg/kg)	0.43	α=5%	α=10%	α=15%
10% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dichloropropane				
Number of Samples	5			
Standard Deviation	2.16E-05			
Threshold (mg/kg)	0.82	α=5%	α=10%	α=15%
10% of Threshold (0.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Diphenylhydrazine/Azobenzene				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	3.91	α=5%	α=10%	α=15%
10% of Threshold (0.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,3,5-Trimethylbenzene				
Number of Samples	5			
Standard Deviation	3.76E-05			
Threshold (mg/kg)	57.92	α=5%	α=10%	α=15%
10% of Threshold (5.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (11.58 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (17.37 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,3-Dichlorobenzene				
Number of Samples	5			
Standard Deviation	5.68E-05			
Threshold (mg/kg)	213.90	α=5%	α=10%	α=15%
10% of Threshold (21.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (42.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (64.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,3-Dichloropropane				
Number of Samples	5			
Standard Deviation	3.76E-05			
Threshold (mg/kg)	15.24	α=5%	α=10%	α=15%
10% of Threshold (1.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,4-Dichlorobenzene				
Number of Samples	5			
Standard Deviation	6.31E-05			
Threshold (mg/kg)	2.59	α=5%	α=10%	α=15%
10% of Threshold (0.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,4-Dioxane				
Number of Samples	3			
Standard Deviation	4.68E-04			
Threshold (mg/kg)	4.86	α=5%	α=10%	α=15%
10% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.97 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.46 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,2'-/4,4'-Dichlorobenzil				
Number of Samples	37			
Standard Deviation	2.99E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,2-Dichloropropane				
Number of Samples	5			
Standard Deviation	2.72E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,3-DiCB-(5)				
Number of Samples	3			
Standard Deviation	6.59E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

1,2-Dibromoethane (EDB)				
Number of Samples	5			
Standard Deviation	5.50E-05			
Threshold (mg/kg)	0.03	α=5%	α=10%	α=15%
10% of Threshold (0.003 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.007 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dichlorobenzene				
Number of Samples	5			
Standard Deviation	7.58E-05			
Threshold (mg/kg)	372.61	α=5%	α=10%	α=15%
10% of Threshold (37.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (74.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (111.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dichloroethane				
Number of Samples	5			
Standard Deviation	5.50E-05			
Threshold (mg/kg)	0.43	α=5%	α=10%	α=15%
10% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Dichloropropane				
Number of Samples	5			
Standard Deviation	2.22E-05			
Threshold (mg/kg)	0.82	α=5%	α=10%	α=15%
10% of Threshold (0.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,2-Diphenylhydrazine/Azobenzene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	3.91	α=5%	α=10%	α=15%
10% of Threshold (0.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,3,5-Trimethylbenzene				
Number of Samples	5			
Standard Deviation	4.24E-05			
Threshold (mg/kg)	57.92	α=5%	α=10%	α=15%
10% of Threshold (5.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (11.58 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (17.37 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,3-Dichlorobenzene				
Number of Samples	5			
Standard Deviation	6.06E-05			
Threshold (mg/kg)	213.90	α=5%	α=10%	α=15%
10% of Threshold (21.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (42.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (64.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,3-Dichloropropane				
Number of Samples	5			
Standard Deviation	4.24E-05			
Threshold (mg/kg)	15.24	α=5%	α=10%	α=15%
10% of Threshold (1.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,4-Dichlorobenzene				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	2.59	α=5%	α=10%	α=15%
10% of Threshold (0.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

1,4-Dioxane				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	4.86	α=5%	α=10%	α=15%
10% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.97 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.46 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,2'-/4,4'-Dichlorobenzil				
Number of Samples	37			
Standard Deviation	4.15E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,2-Dichloropropane				
Number of Samples	5			
Standard Deviation	2.97E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,3-DiCB-(5)				
Number of Samples	3			
Standard Deviation	5.22E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

2,3'-DiCB-(6)				
Number of Samples	3			
Standard Deviation	6.20E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4,5-Trichlorophenol				
Number of Samples	3			
Standard Deviation	1.01E-02			
Threshold (mg/kg)	6110.49	α=5%	α=10%	α=15%
10% of Threshold (611.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1222.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1833.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4,6-Trichlorophenol				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	44.22	α=5%	α=10%	α=15%
10% of Threshold (4.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (8.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (13.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4'-DDD				
Number of Samples	37			
Standard Deviation	4.94E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4'-DDE				
Number of Samples	37			
Standard Deviation	3.72E-02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4'-DDT				
Number of Samples	37			
Standard Deviation	1.64E-02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4-DiCB-(7)				
Number of Samples	3			
Standard Deviation	5.90E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4'-DiCB-(8)				
Number of Samples	3			
Standard Deviation	3.22E-06			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4-Dichlorophenol				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	183.31	α=5%	α=10%	α=15%
10% of Threshold (18.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (36.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (54.99 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4-Dimethylphenol				
Number of Samples	3			
Standard Deviation	7.79E-03			
Threshold (mg/kg)	1222.10	α=5%	α=10%	α=15%
10% of Threshold (122.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (244.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (366.63 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4-Dinitrophenol				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	122.21	α=5%	α=10%	α=15%
10% of Threshold (12.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (24.44 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (36.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4-Dinitrotoluene				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	1.57	α=5%	α=10%	α=15%
10% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,5-DiCB-(9)				
Number of Samples	3			
Standard Deviation	6.30E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

2,3'-DiCB-(6)				
Number of Samples	3			
Standard Deviation	4.93E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4,5-Trichlorophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	6110.49	α=5%	α=10%	α=15%
10% of Threshold (611.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1222.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1833.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4,6-Trichlorophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	44.22	α=5%	α=10%	α=15%
10% of Threshold (4.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (8.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (13.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4'-DDD				
Number of Samples	37			
Standard Deviation	4.62E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4'-DDE				
Number of Samples	37			
Standard Deviation	3.48E-02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4'-DDT				
Number of Samples	37			
Standard Deviation	1.53E-02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4-DiCB-(7)				
Number of Samples	3			
Standard Deviation	4.65E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4'-DiCB-(8)				
Number of Samples	3			
Standard Deviation	2.46E-06			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,4-Dichlorophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	183.31	α=5%	α=10%	α=15%
10% of Threshold (18.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (36.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (54.99 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4-Dimethylphenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	1222.10	α=5%	α=10%	α=15%
10% of Threshold (122.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (244.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (366.63 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4-Dinitrophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	122.21	α=5%	α=10%	α=15%
10% of Threshold (12.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (24.44 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (36.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,4-Dinitrotoluene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	1.57	α=5%	α=10%	α=15%
10% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2,5-DiCB-(9)				
Number of Samples	3			
Standard Deviation	4.82E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

2,6-DiCB-(10)				
Number of Samples	3			
Standard Deviation	4.71E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,6-Dinitrotoluene				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	61.10	α=5%	α=10%	α=15%
10% of Threshold (6.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

22'-DiCB-(4)				
Number of Samples	3			
Standard Deviation	6.25E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

233'44'55'-HeptaCB-(189)				
Number of Samples	3			
Standard Deviation	1.03E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

233'44'-PentaCB-(105)				
Number of Samples	3			
Standard Deviation	1.55E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

23'44'55'-HexaCB-(167)				
Number of Samples	3			
Standard Deviation	1.78E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2344'5-PentaCB-(114)				
Number of Samples	3			
Standard Deviation	1.39E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

23'44'5-PentaCB-(118)				
Number of Samples	3			
Standard Deviation	1.36E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

23'44'5'-PentaCB-(123)				
Number of Samples	3			
Standard Deviation	1.39E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2-Butanone (MEK)				
Number of Samples	5			
Standard Deviation	3.49E-04			
Threshold (mg/kg)	32089.64	α=5%	α=10%	α=15%
10% of Threshold (3208.96 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6417.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (9626.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Chloronaphthalene				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	82.62	α=5%	α=10%	α=15%
10% of Threshold (8.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (16.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (24.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Chlorophenol				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	220.49	α=5%	α=10%	α=15%
10% of Threshold (22.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (44.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (66.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Chlorotoluene				
Number of Samples	5			
Standard Deviation	4.30E-05			
Threshold (mg/kg)	247.76	α=5%	α=10%	α=15%
10% of Threshold (24.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (49.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (74.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

2,6-DiCB-(10)				
Number of Samples	3			
Standard Deviation	1.80E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2,6-Dinitrotoluene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	61.10	α=5%	α=10%	α=15%
10% of Threshold (6.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

22'-DiCB-(4)				
Number of Samples	3			
Standard Deviation	2.36E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

233'44'55'-HeptaCB-(189)				
Number of Samples	3			
Standard Deviation	6.06E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

233'44'-PentaCB-(105)				
Number of Samples	3			
Standard Deviation	1.01E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

23'44'55'-HexaCB-(167)				
Number of Samples	3			
Standard Deviation	1.43E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2344'5-PentaCB-(114)				
Number of Samples	3			
Standard Deviation	8.95E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

23'44'5-PentaCB-(118)				
Number of Samples	3			
Standard Deviation	8.67E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

23'44'5'-PentaCB-(123)				
Number of Samples	3			
Standard Deviation	8.95E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2-Butanone (MEK)				
Number of Samples	5			
Standard Deviation	3.98E-04			
Threshold (mg/kg)	32089.64	α=5%	α=10%	α=15%
10% of Threshold (3208.96 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6417.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (9626.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Chloronaphthalene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	82.62	α=5%	α=10%	α=15%
10% of Threshold (8.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (16.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (24.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Chlorophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	220.49	α=5%	α=10%	α=15%
10% of Threshold (22.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (44.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (66.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Chlorotoluene				
Number of Samples	5			
Standard Deviation	6.15E-05			
Threshold (mg/kg)	247.76	α=5%	α=10%	α=15%
10% of Threshold (24.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (49.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (74.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

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Dry Weight

2-Hexanone				
Number of Samples	5			
Standard Deviation	6.31E-04			
Threshold (mg/kg)	460.12	α=5%	α=10%	α=15%
10% of Threshold (46.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (92.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (138.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Methylnaphthalene				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2-Methylphenol				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	3055.25	α=5%	α=10%	α=15%
10% of Threshold (305.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (611.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (916.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Nitroaniline				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	183.05	α=5%	α=10%	α=15%
10% of Threshold (18.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (36.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (54.91 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Nitrophenol				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3,3'-DiCB-(11)				
Number of Samples	3			
Standard Deviation	4.85E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3,3-Dichlorobenzidine				
Number of Samples	3			
Standard Deviation	1.17E-02			
Threshold (mg/kg)	1.08	α=5%	α=10%	α=15%
10% of Threshold (0.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

3,5-DiCB-(14)				
Number of Samples	3			
Standard Deviation	5.92E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

33'44'55'-HexaCB-(169)				
Number of Samples	3			
Standard Deviation	9.88E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

33'44'5-PentaCB-(126)				
Number of Samples	3			
Standard Deviation	1.28E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

33'44'-TetraCB-(77)				
Number of Samples	3			
Standard Deviation	4.93E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

344'5-TetraCB-(81)				
Number of Samples	3			
Standard Deviation	5.97E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3-Hexene-2,5-dione				
Number of Samples	3			
Standard Deviation	6.79E-01			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3-Nitroaniline				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

2-Hexanone				
Number of Samples	5			
Standard Deviation	6.71E-04			
Threshold (mg/kg)	460.12	α=5%	α=10%	α=15%
10% of Threshold (46.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (92.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (138.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Methylnaphthalene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

2-Methylphenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	3055.25	α=5%	α=10%	α=15%
10% of Threshold (305.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (611.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (916.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Nitroaniline				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	183.05	α=5%	α=10%	α=15%
10% of Threshold (18.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (36.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (54.91 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

2-Nitrophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3,3'-DiCB-(11)				
Number of Samples	3			
Standard Deviation	2.57E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3,3-Dichlorobenzidine				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	1.08	α=5%	α=10%	α=15%
10% of Threshold (0.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

3,5-DiCB-(14)				
Number of Samples	3			
Standard Deviation	4.65E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

33'44'55'-HexaCB-(169)				
Number of Samples	3			
Standard Deviation	5.51E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

33'44'5-PentaCB-(126)				
Number of Samples	3			
Standard Deviation	8.19E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

33'44'-TetraCB-(77)				
Number of Samples	3			
Standard Deviation	6.61E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

344'5-TetraCB-(81)				
Number of Samples	3			
Standard Deviation	3.33E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3-Hexene-2,5-dione				
Number of Samples	3			
Standard Deviation	3.51E-01			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

3-Nitroaniline				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

4,4'-DDD				
Number of Samples	38			
Standard Deviation	1.60E-03			
Threshold (mg/kg)	2.44	α=5%	α=10%	α=15%
10% of Threshold (0.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4,4'-DDE				
Number of Samples	38			
Standard Deviation	3.71E-01			
Threshold (mg/kg)	1.72	α=5%	α=10%	α=15%
10% of Threshold (0.17 mg/kg)	β=15%	40	30	24
	β=20%	35	25	20
	β=25%	30	22	16
20% of Threshold (0.34 mg/kg)	β=15%	11	8	6
	β=20%	10	7	5
	β=25%	9	6	4
30% of Threshold (0.52 mg/kg)	β=15%	6	4	3
	β=20%	5	4	3
	β=25%	5	3	2

4,4'-DDT				
Number of Samples	38			
Standard Deviation	1.36E-01			
Threshold (mg/kg)	1.72	α=5%	α=10%	α=15%
10% of Threshold (0.17 mg/kg)	β=15%	7	5	4
	β=20%	6	4	3
	β=25%	5	4	3
20% of Threshold (0.34 mg/kg)	β=15%	3	2	1
	β=20%	2	2	1
	β=25%	2	2	1
30% of Threshold (0.52 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

4,4'-DiCB-(15)				
Number of Samples	3			
Standard Deviation	9.11E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4,4'-Dichlorobenzophenone				
Number of Samples	3			
Standard Deviation	6.39E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4,6-Dinitro-2-methylphenol				
Number of Samples	3			
Standard Deviation	8.57E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Bromophenyl phenyl ether				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chloro-3-methylphenol				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chloroaniline				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	2.43	α=5%	α=10%	α=15%
10% of Threshold (0.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Chlorobenzenesulfonic acid				
Number of Samples	3			
Standard Deviation	3.90E-02			
Threshold (mg/kg)	117.20	α=5%	α=10%	α=15%
10% of Threshold (11.72 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (23.44 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (35.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Chlorobenzenethiol				
Number of Samples	3			
Standard Deviation	1.56E-01			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorophenyl methyl sulfide				
Number of Samples	3			
Standard Deviation	5.07E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorophenyl methyl sulfone				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorophenyl phenyl ether				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

4,4'-DDD				
Number of Samples	38			
Standard Deviation	1.50E-03			
Threshold (mg/kg)	2.44	α=5%	α=10%	α=15%
10% of Threshold (0.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4,4'-DDE				
Number of Samples	38			
Standard Deviation	3.47E-01			
Threshold (mg/kg)	1.72	α=5%	α=10%	α=15%
10% of Threshold (0.17 mg/kg)	β=15%	35	26	21
	β=20%	31	22	17
	β=25%	27	19	14
20% of Threshold (0.34 mg/kg)	β=15%	10	7	6
	β=20%	9	6	5
	β=25%	8	5	4
30% of Threshold (0.52 mg/kg)	β=15%	5	4	3
	β=20%	5	3	2
	β=25%	4	3	2

4,4'-DDT				
Number of Samples	38			
Standard Deviation	1.27E-01			
Threshold (mg/kg)	1.72	α=5%	α=10%	α=15%
10% of Threshold (0.17 mg/kg)	β=15%	6	4	3
	β=20%	5	4	3
	β=25%	5	3	2
20% of Threshold (0.34 mg/kg)	β=15%	2	2	1
	β=20%	2	2	1
	β=25%	2	1	1
30% of Threshold (0.52 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

4,4'-DiCB-(15)				
Number of Samples	3			
Standard Deviation	7.40E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4,4'-Dichlorobenzophenone				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4,6-Dinitro-2-methylphenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Bromophenyl phenyl ether				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chloro-3-methylphenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chloroaniline				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	2.43	α=5%	α=10%	α=15%
10% of Threshold (0.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Chlorobenzenesulfonic acid				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	117.20	α=5%	α=10%	α=15%
10% of Threshold (11.72 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (23.44 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (35.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Chlorobenzenethiol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorophenyl methyl sulfide				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorophenyl methyl sulfone				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorophenyl phenyl ether				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

4-Chlorophenyl sulfone				
Number of Samples	3			
Standard Deviation	6.63E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorotoluene				
Number of Samples	5			
Standard Deviation	4.55E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Methyl-2-pentanone (MIBK)				
Number of Samples	5			
Standard Deviation	1.95E-04			
Threshold (mg/kg)	5797.29	α=5%	α=10%	α=15%
10% of Threshold (579.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1159.46 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1739.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Methylphenol				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	305.52	α=5%	α=10%	α=15%
10% of Threshold (30.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (61.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (91.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Nitroaniline				
Number of Samples	3			
Standard Deviation	7.01E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Nitrophenol				
Number of Samples	3			
Standard Deviation	1.09E-02			
Threshold (mg/kg)	488.84	α=5%	α=10%	α=15%
10% of Threshold (48.88 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (97.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (146.65 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acenaphthene				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	508.89	α=5%	α=10%	α=15%
10% of Threshold (50.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (101.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (152.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acenaphthylene				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	146.52	α=5%	α=10%	α=15%
10% of Threshold (14.65 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (29.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (43.96 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acetaldehyde				
Number of Samples	3			
Standard Deviation	5.61E-03			
Threshold (mg/kg)	13.87	α=5%	α=10%	α=15%
10% of Threshold (1.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acetone				
Number of Samples	5			
Standard Deviation	1.16E-02			
Threshold (mg/kg)	60006.60	α=5%	α=10%	α=15%
10% of Threshold (6000.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12001.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18001.98 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Aldrin				
Number of Samples	38			
Standard Deviation	3.66E-04			
Threshold (mg/kg)	0.03	α=5%	α=10%	α=15%
10% of Threshold (0.003 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.006 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.009 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	2.05E+04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

alpha-BHC				
Number of Samples	38			
Standard Deviation	6.47E-04			
Threshold (mg/kg)	21.10	α=5%	α=10%	α=15%
10% of Threshold (6000.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12001.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18001.98 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Aluminum				
Number of Samples	37			
Standard Deviation	2.34E+03			
Threshold (mg/kg)	77248.68	α=5%	α=10%	α=15%
10% of Threshold (7724.87 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (15449.74 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	1	1	1
30% of Threshold (23174.6 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

4-Chlorophenyl sulfone				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Chlorotoluene				
Number of Samples	5			
Standard Deviation	4.65E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Methyl-2-pentanone (MIBK)				
Number of Samples	5			
Standard Deviation	2.08E-04			
Threshold (mg/kg)	5797.29	α=5%	α=10%	α=15%
10% of Threshold (579.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1159.46 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1739.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Methylphenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	305.52	α=5%	α=10%	α=15%
10% of Threshold (30.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (61.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (91.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

4-Nitroaniline				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

4-Nitrophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	488.84	α=5%	α=10%	α=15%
10% of Threshold (48.88 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (97.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (146.65 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acenaphthene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	508.89	α=5%	α=10%	α=15%
10% of Threshold (50.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (101.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (152.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acenaphthylene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	146.52	α=5%	α=10%	α=15%
10% of Threshold (14.65 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (29.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (43.96 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acetaldehyde				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	13.87	α=5%	α=10%	α=15%
10% of Threshold (1.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Acetone				
Number of Samples	5			
Standard Deviation	1.15E-02			
Threshold (mg/kg)	60006.60	α=5%	α=10%	α=15%
10% of Threshold (6000.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12001.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18001.98 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Aldrin				
Number of Samples	38			
Standard Deviation	3.41E-04			
Threshold (mg/kg)	0.03	α=5%	α=10%	α=15%
10% of Threshold (0.003 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.006 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.009 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	2.00E+04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

alpha-BHC				
Number of Samples	38			
Standard Deviation	6.08E-04			
Threshold (mg/kg)	21.10	α=5%	α=10%	α=15%
10% of Threshold (6000.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12001.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18001.98 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Aluminum				
Number of Samples	37			
Standard Deviation	1.47E+03			
Threshold (mg/kg)	77248.68	α=5%	α=10%	α=15%
10% of Threshold (7724.87 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (15449.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (23174.6 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

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Dry Weight

Amphibole Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Aniline				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	85.33	α=5%	α=10%	α=15%
10% of Threshold (8.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (17.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (25.6 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Anthracene				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	2002.64	α=5%	α=10%	α=15%
10% of Threshold (200.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (400.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (600.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Antimony				
Number of Samples	37			
Standard Deviation	2.41E-02			
Threshold (mg/kg)	31.29	α=5%	α=10%	α=15%
10% of Threshold (3.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (9.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1016				
Number of Samples	3			
Standard Deviation	1.95E-03			
Threshold (mg/kg)	3.93	α=5%	α=10%	α=15%
10% of Threshold (0.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1221				
Number of Samples	3			
Standard Deviation	1.01E-03			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1232				
Number of Samples	3			
Standard Deviation	4.68E-04			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1242				
Number of Samples	3			
Standard Deviation	1.25E-03			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1248				
Number of Samples	3			
Standard Deviation	7.79E-04			
Threshold	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1254				
Number of Samples	3			
Standard Deviation	1.25E-03			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1260				
Number of Samples	3			
Standard Deviation	1.95E-03			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Arsenic				
Number of Samples	37			
Standard Deviation	4.65E+00			
Threshold (mg/kg)	21.62	α=5%	α=10%	α=15%
10% of Threshold (2.16 mg/kg)	β=15%	40	30	24
	β=20%	35	25	19
	β=25%	30	21	16
20% of Threshold (4.32 mg/kg)	β=15%	11	8	6
	β=20%	10	7	5
	β=25%	9	6	4
30% of Threshold (6.49 mg/kg)	β=15%	6	4	3
	β=20%	5	4	3
	β=25%	5	3	2
Barium				
Number of Samples	37			
Standard Deviation	6.52E+01			
Threshold (mg/kg)	15261.32	α=5%	α=10%	α=15%
10% of Threshold (1526.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3052.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4578.4 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Benzene				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	0.81	α=5%	α=10%	α=15%
10% of Threshold (0.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

Amphibole Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Aniline				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	85.33	α=5%	α=10%	α=15%
10% of Threshold (8.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (17.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (25.6 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Anthracene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	2002.64	α=5%	α=10%	α=15%
10% of Threshold (200.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (400.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (600.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Antimony				
Number of Samples	37			
Standard Deviation	1.88E-02			
Threshold (mg/kg)	31.29	α=5%	α=10%	α=15%
10% of Threshold (3.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (9.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1016				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	3.93	α=5%	α=10%	α=15%
10% of Threshold (0.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1221				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1232				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1242				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1248				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1254				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Aroclor 1260				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.22	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Arsenic				
Number of Samples	37			
Standard Deviation	3.35E+00			
Threshold (mg/kg)	21.62	α=5%	α=10%	α=15%
10% of Threshold (2.16 mg/kg)	β=15%	21	16	13
	β=20%	19	13	10
	β=25%	16	12	9
20% of Threshold (4.32 mg/kg)	β=15%	6	5	4
	β=20%	6	4	3
	β=25%	5	3	3
30% of Threshold (6.49 mg/kg)	β=15%	4	2	2
	β=20%	3	2	2
	β=25%	3	2	1
Barium				
Number of Samples	37			
Standard Deviation	6.27E+01			
Threshold (mg/kg)	15261.32	α=5%	α=10%	α=15%
10% of Threshold (1526.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3052.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4578.4 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Benzene				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	0.81	α=5%	α=10%	α=15%
10% of Threshold (0.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Geosyntec consultants

Dry Weight

Benzenesulfonic acid				
Number of Samples	3			
Standard Deviation	6.01E-01			
Threshold (mg/kg)	39107.14	α=5%	α=10%	α=15%
10% of Threshold (3910.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (7821.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (11732.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(a)anthracene				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(a)pyrene				
Number of Samples	3			
Standard Deviation	3.12E-03			
Threshold (mg/kg)	0.06	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	3	2	2
	β=20%	3	2	2
	β=25%	3	2	1
20% of Threshold (0.01 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (0.02 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Benzo(b)fluoranthene				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(g,h,i)perylene				
Number of Samples	3			
Standard Deviation	8.57E-03			
Threshold (mg/kg)	2346.43	α=5%	α=10%	α=15%
10% of Threshold (234.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (469.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (703.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(k)fluoranthene				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	6.21	α=5%	α=10%	α=15%
10% of Threshold (0.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzoic acid				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzophenone				
Number of Samples	3			
Standard Deviation	5.77E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Benzyl alcohol				
Number of Samples	3			
Standard Deviation	7.79E-03			
Threshold (mg/kg)	30552.46	α=5%	α=10%	α=15%
10% of Threshold (3055.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6110.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (9165.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Beryllium				
Number of Samples	37			
Standard Deviation	1.79E-01			
Threshold (mg/kg)	155.46	α=5%	α=10%	α=15%
10% of Threshold (15.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (31.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (46.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

beta-BHC				
Number of Samples	38			
Standard Deviation	1.54E-01			
Threshold (mg/kg)	4.22	α=5%	α=10%	α=15%
10% of Threshold (0.42 mg/kg)	β=15%	2	2	1
	β=20%	2	2	1
	β=25%	2	1	1
20% of Threshold (0.84 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (1.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bicarbonate Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	2.02E+04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Bis(2-chloroethoxy)methane				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Bis(2-chloroethyl)ether				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	0.24	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (0.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

Benzenesulfonic acid				
Number of Samples	3			
Standard Deviation	4.33E-01			
Threshold (mg/kg)	39107.14	α=5%	α=10%	α=15%
10% of Threshold (3910.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (7821.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (11732.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(a)anthracene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(a)pyrene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.06	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(b)fluoranthene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(g,h,i)perylene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	2346.43	α=5%	α=10%	α=15%
10% of Threshold (234.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (469.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (703.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzo(k)fluoranthene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	6.21	α=5%	α=10%	α=15%
10% of Threshold (0.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzoic acid				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Benzophenone				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Benzyl alcohol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	30552.46	α=5%	α=10%	α=15%
10% of Threshold (3055.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6110.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (9165.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Beryllium				
Number of Samples	37			
Standard Deviation	1.23E-01			
Threshold (mg/kg)	155.46	α=5%	α=10%	α=15%
10% of Threshold (15.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (31.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (46.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

beta-BHC				
Number of Samples	38			
Standard Deviation	1.44E-01			
Threshold (mg/kg)	4.22	α=5%	α=10%	α=15%
10% of Threshold (0.42 mg/kg)	β=15%	2	2	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (0.84 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (1.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bicarbonate Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	1.97E+04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Bis(2-chloroethoxy)methane				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Bis(2-chloroethyl)ether				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.24	α=5%	α=10%	α=15%
10% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

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Dry Weight

Bis(2-chloroisopropyl)ether				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	3.37	α=5%	α=10%	α=15%
10% of Threshold (0.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bis(2-ethylhexyl)phthalate				
Number of Samples	3			
Standard Deviation	7.01E-03			
Threshold (mg/kg)	34.74	α=5%	α=10%	α=15%
10% of Threshold (3.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6.95 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (10.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

bis(4-chlorophenyl)disulfide				
Number of Samples	3			
Standard Deviation	7.56E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Boron				
Number of Samples	3			
Standard Deviation	2.05E+01			
Threshold (mg/kg)	15633.09	α=5%	α=10%	α=15%
10% of Threshold (1563.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3126.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4689.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromobenzene				
Number of Samples	5			
Standard Deviation	5.68E-05			
Threshold (mg/kg)	242.95	α=5%	α=10%	α=15%
10% of Threshold (24.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (48.59 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (72.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromochloromethane				
Number of Samples	5			
Standard Deviation	6.91E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Bromodichloromethane				
Number of Samples	5			
Standard Deviation	2.50E-05			
Threshold (mg/kg)	0.65	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromoform				
Number of Samples	5			
Standard Deviation	1.47E-03			
Threshold (mg/kg)	61.57	α=5%	α=10%	α=15%
10% of Threshold (6.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromomethane				
Number of Samples	5			
Standard Deviation	6.31E-05			
Threshold (mg/kg)	8.70	α=5%	α=10%	α=15%
10% of Threshold (0.87 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (2.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Butyl benzyl phthalate				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	240.48	α=5%	α=10%	α=15%
10% of Threshold (24.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (48.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (72.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Cadmium				
Number of Samples	37			
Standard Deviation	1.84E-01			
Threshold (mg/kg)	77.67	α=5%	α=10%	α=15%
10% of Threshold (7.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (15.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (23.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Calcium				
Number of Samples	37			
Standard Deviation	1.08E+04			
Threshold (mg/kg)	82800.00	α=5%	α=10%	α=15%
10% of Threshold (8280 mg/kg)	β=15%	15	11	9
	β=20%	14	10	7
	β=25%	12	8	6
20% of Threshold (16560 mg/kg)	β=15%	5	3	3
	β=20%	4	3	2
	β=25%	4	3	2
30% of Threshold (24840 mg/kg)	β=15%	3	2	1
	β=20%	3	2	1
	β=25%	3	2	1

Carbon tetrachloride				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	0.73	α=5%	α=10%	α=15%
10% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Carbonate Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	5.36E+02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

Bis(2-chloroisopropyl)ether				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	3.37	α=5%	α=10%	α=15%
10% of Threshold (0.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bis(2-ethylhexyl)phthalate				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	34.74	α=5%	α=10%	α=15%
10% of Threshold (3.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6.95 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (10.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

bis(4-chlorophenyl)disulfide				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Boron				
Number of Samples	3			
Standard Deviation	1.53E+01			
Threshold (mg/kg)	15633.09	α=5%	α=10%	α=15%
10% of Threshold (1563.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3126.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (4689.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromobenzene				
Number of Samples	5			
Standard Deviation	6.06E-05			
Threshold (mg/kg)	242.95	α=5%	α=10%	α=15%
10% of Threshold (24.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (48.59 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (72.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromochloromethane				
Number of Samples	5			
Standard Deviation	5.89E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Bromodichloromethane				
Number of Samples	5			
Standard Deviation	2.83E-05			
Threshold (mg/kg)	0.65	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromoform				
Number of Samples	5			
Standard Deviation	1.08E-03			
Threshold (mg/kg)	61.57	α=5%	α=10%	α=15%
10% of Threshold (6.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Bromomethane				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	8.70	α=5%	α=10%	α=15%
10% of Threshold (0.87 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (2.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Butyl benzyl phthalate				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	240.48	α=5%	α=10%	α=15%
10% of Threshold (24.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (48.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (72.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Cadmium				
Number of Samples	37			
Standard Deviation	1.74E-01			
Threshold (mg/kg)	77.67	α=5%	α=10%	α=15%
10% of Threshold (7.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (15.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (23.3 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Calcium				
Number of Samples	37			
Standard Deviation	1.03E+04			
Threshold (mg/kg)	82800.00	α=5%	α=10%	α=15%
10% of Threshold (8280 mg/kg)	β=15%	14	10	8
	β=20%	12	9	7
	β=25%	11	8	6
20% of Threshold (16560 mg/kg)	β=15%	5	3	2
	β=20%	4	3	2
	β=25%	4	3	2
30% of Threshold (24840 mg/kg)	β=15%	3	2	1
	β=20%	3	2	1
	β=25%	2	2	1

Carbon tetrachloride				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	0.73	α=5%	α=10%	α=15%
10% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Carbonate Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	5.03E+02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

Chlordane				
Number of Samples	38			
Standard Deviation	8.67E-03			
Threshold (mg/kg)	1.62	α=5%	α=10%	α=15%
10% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloride				
Number of Samples	3			
Standard Deviation	6.60E+02			
Threshold (mg/kg)	1110.00	α=5%	α=10%	α=15%
10% of Threshold (111 mg/kg)	β=15%	296	221	177
	β=20%	255	186	145
	β=25%	222	158	121
20% of Threshold (222 mg/kg)	β=15%	75	56	45
	β=20%	65	47	37
	β=25%	57	40	31
30% of Threshold (333 mg/kg)	β=15%	34	25	20
	β=20%	30	21	17
	β=25%	26	18	14

Chloroacetaldehyde				
Number of Samples	3			
Standard Deviation	9.35E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Chlorobenzene				
Number of Samples	5			
Standard Deviation	3.16E-05			
Threshold (mg/kg)	273.18	α=5%	α=10%	α=15%
10% of Threshold (27.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (54.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (81.95 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloroethane				
Number of Samples	5			
Standard Deviation	8.27E-05			
Threshold (mg/kg)	220.81	α=5%	α=10%	α=15%
10% of Threshold (22.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (44.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (66.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloroform				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	0.31	α=5%	α=10%	α=15%
10% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloromethane				
Number of Samples	5			
Standard Deviation	6.64E-05			
Threshold (mg/kg)	1.60	α=5%	α=10%	α=15%
10% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.48 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chromium				
Number of Samples	37			
Standard Deviation	6.02E+00			
Threshold (mg/kg)	16.70	α=5%	α=10%	α=15%
10% of Threshold (1.67 mg/kg)	β=15%	110	82	65
	β=20%	95	69	54
	β=25%	83	59	45
20% of Threshold (3.34 mg/kg)	β=15%	28	21	17
	β=20%	25	18	14
	β=25%	22	15	12
30% of Threshold (5.01 mg/kg)	β=15%	13	10	8
	β=20%	12	8	6
	β=25%	10	7	5

Chromium [VI]				
Number of Samples	34			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	234.20	α=5%	α=10%	α=15%
10% of Threshold (23.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (46.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (70.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chrysene				
Number of Samples	3			
Standard Deviation	3.12E-03			
Threshold (mg/kg)	62.13	α=5%	α=10%	α=15%
10% of Threshold (6.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chrysotile Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

cis-1,2-Dichloroethene				
Number of Samples	5			
Standard Deviation	6.26E-05			
Threshold (mg/kg)	147.73	α=5%	α=10%	α=15%
10% of Threshold (14.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (29.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (44.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

cis-1,3-Dichloropropene				
Number of Samples	5			
Standard Deviation	2.83E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Cobalt				
Number of Samples	37			
Standard Deviation	1.49E+00			
Threshold (mg/kg)	23.39	α=5%	α=10%	α=15%
10% of Threshold (2.34 mg/kg)	β=15%	5	3	3
	β=20%	4	3	2
	β=25%	4	3	2
20% of Threshold (4.68 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (7.02 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Wet Weight

Chlordane				
Number of Samples	38			
Standard Deviation	8.11E-03			
Threshold (mg/kg)	1.62	α=5%	α=10%	α=15%
10% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.49 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloride				
Number of Samples	3			
Standard Deviation	4.92E+02			
Threshold (mg/kg)	1110.00	α=5%	α=10%	α=15%
10% of Threshold (111 mg/kg)	β=15%	165	123	99
	β=20%	142	104	81
	β=25%	124	88	67
20% of Threshold (222 mg/kg)	β=15%	42	31	25
	β=20%	37	27	21
	β=25%	32	23	17
30% of Threshold (333 mg/kg)	β=15%	20	14	11
	β=20%	17	12	9
	β=25%	15	11	8

Chloroacetaldehyde				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Chlorobenzene				
Number of Samples	5			
Standard Deviation	3.49E-05			
Threshold (mg/kg)	273.18	α=5%	α=10%	α=15%
10% of Threshold (27.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (54.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (81.95 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloroethane				
Number of Samples	5			
Standard Deviation	1.04E-04			
Threshold (mg/kg)	220.81	α=5%	α=10%	α=15%
10% of Threshold (22.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (44.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (66.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloroform				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	0.31	α=5%	α=10%	α=15%
10% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chloromethane				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	1.60	α=5%	α=10%	α=15%
10% of Threshold (0.16 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.48 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chromium				
Number of Samples	37			
Standard Deviation	4.23E+00			
Threshold (mg/kg)	16.70	α=5%	α=10%	α=15%
10% of Threshold (1.67 mg/kg)	β=15%	55	41	33
	β=20%	47	34	27
	β=25%	41	29	22
20% of Threshold (3.34 mg/kg)	β=15%	15	11	9
	β=20%	13	9	7
	β=25%	11	8	6
30% of Threshold (5.01 mg/kg)	β=15%	7	5	4
	β=20%	6	5	3
	β=25%	6	4	3

Chromium [VI]				
Number of Samples	34			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	234.20	α=5%	α=10%	α=15%
10% of Threshold (23.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (46.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (70.26 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chrysene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	62.13	α=5%	α=10%	α=15%
10% of Threshold (6.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Chrysotile Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

cis-1,2-Dichloroethene				
Number of Samples	5			
Standard Deviation	5.20E-05			
Threshold (mg/kg)	147.73	α=5%	α=10%	α=15%
10% of Threshold (14.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (29.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (44.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

cis-1,3-Dichloropropene				
Number of Samples	5			
Standard Deviation	3.01E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Cobalt				
Number of Samples	37			
Standard Deviation	1.35E+00			
Threshold (mg/kg)	23.39	α=5%	α=10%	α=15%
10% of Threshold (2.34 mg/kg)	β=15%	4	3	2
	β=20%	4	3	2
	β=25%	3	2	2
20% of Threshold (4.68 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (7.02 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

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Dry Weight

Copper				
Number of Samples	37			
Standard Deviation	2.93E+00			
Threshold (mg/kg)	2905.10	α=5%	α=10%	α=15%
10% of Threshold (290.51 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (581.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (871.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

delta-BHC				
Number of Samples	38			
Standard Deviation	3.66E-04			
Threshold (mg/kg)	21.1	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (NA)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (NA)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibenz(a,h)anthracene				
Number of Samples	3			
Standard Deviation	7.79E-03			
Threshold (mg/kg)	0.06	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	14	11	8
	β=20%	13	9	7
	β=25%	11	8	6
20% of Threshold (0.01 mg/kg)	β=15%	5	3	2
	β=20%	4	3	2
	β=25%	4	3	2
30% of Threshold (0.02 mg/kg)	β=15%	3	2	1
	β=20%	3	2	1
	β=25%	2	2	1

Dibenzofuran				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	156.43	α=5%	α=10%	α=15%
10% of Threshold (15.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (31.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (46.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibromochloromethane				
Number of Samples	5			
Standard Deviation	3.41E-05			
Threshold (mg/kg)	1.12	α=5%	α=10%	α=15%
10% of Threshold (0.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibromomethane				
Number of Samples	5			
Standard Deviation	6.91E-05			
Threshold (mg/kg)	43.40	α=5%	α=10%	α=15%
10% of Threshold (4.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (8.68 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (13.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

DiCB-(12)+(13)				
Number of Samples	3			
Standard Deviation	6.21E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Dichloroacetaldehyde				
Number of Samples	3			
Standard Deviation	1.40E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Dichlorodifluoromethane				
Number of Samples	5			
Standard Deviation	8.27E-05			
Threshold (mg/kg)	217.77	α=5%	α=10%	α=15%
10% of Threshold (21.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (43.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (65.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dieldrin				
Number of Samples	38			
Standard Deviation	8.24E-04			
Threshold (mg/kg)	0.03	α=5%	α=10%	α=15%
10% of Threshold (0 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (0.01 mg/kg)	β=15%	2	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Diethyl phosphorodithioic acid				
Number of Samples	3			
Standard Deviation	3.90E-02			
Threshold (mg/kg)	6257.14	α=5%	α=10%	α=15%
10% of Threshold (625.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1251.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1877.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Diethyl phthalate				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	48883.93	α=5%	α=10%	α=15%
10% of Threshold (4888.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9776.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14665.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dimethyl phosphorodithioic acid				
Number of Samples	3			
Standard Deviation	1.36E+01			
Threshold (mg/kg)	7821.43	α=5%	α=10%	α=15%
10% of Threshold (782.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1564.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (2346.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dimethyl phthalate				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

Copper				
Number of Samples	37			
Standard Deviation	2.57E+00			
Threshold (mg/kg)	2905.10	α=5%	α=10%	α=15%
10% of Threshold (290.51 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (581.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (871.53 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

delta-BHC				
Number of Samples	38			
Standard Deviation	3.41E-04			
Threshold (mg/kg)	21.1	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (NA)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (NA)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibenz(a,h)anthracene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.06	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibenzofuran				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	156.43	α=5%	α=10%	α=15%
10% of Threshold (15.64 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (31.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (46.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibromochloromethane				
Number of Samples	5			
Standard Deviation	3.63E-05			
Threshold (mg/kg)	1.12	α=5%	α=10%	α=15%
10% of Threshold (0.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dibromomethane				
Number of Samples	5			
Standard Deviation	5.89E-05			
Threshold (mg/kg)	43.40	α=5%	α=10%	α=15%
10% of Threshold (4.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (8.68 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (13.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

DiCB-(12)+(13)				
Number of Samples	3			
Standard Deviation	4.93E-07			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Dichloroacetaldehyde				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Dichlorodifluoromethane				
Number of Samples	5			
Standard Deviation	1.04E-04			
Threshold (mg/kg)	217.77	α=5%	α=10%	α=15%
10% of Threshold (21.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (43.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (65.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dieldrin				
Number of Samples	38			
Standard Deviation	7.71E-04			
Threshold (mg/kg)	0.03	α=5%	α=10%	α=15%
10% of Threshold (0 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Diethyl phosphorodithioic acid				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	6257.14	α=5%	α=10%	α=15%
10% of Threshold (625.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1251.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1877.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Diethyl phthalate				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	48883.93	α=5%	α=10%	α=15%
10% of Threshold (4888.39 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9776.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14665.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dimethyl phosphorodithioic acid				
Number of Samples	3			
Standard Deviation	9.92E+00			
Threshold (mg/kg)	7821.43	α=5%	α=10%	α=15%
10% of Threshold (782.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1564.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (2346.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Dimethyl phthalate				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

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Dry Weight

Di-n-butyl phthalate				
Number of Samples	3			
Standard Deviation	4.51E-02			
Threshold (mg/kg)	6110.49	α=5%	α=10%	α=15%
10% of Threshold (611.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1222.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1833.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Di-n-octyl phthalate				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Diphenyl sulfone				
Number of Samples	3			
Standard Deviation	1.17E-01			
Threshold (mg/kg)	183.31	α=5%	α=10%	α=15%
10% of Threshold (18.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (36.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (54.99 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Endosulfan I				
Number of Samples	38			
Standard Deviation	3.66E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endosulfan II				
Number of Samples	38			
Standard Deviation	8.42E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endosulfan sulfate				
Number of Samples	38			
Standard Deviation	7.99E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endrin				
Number of Samples	38			
Standard Deviation	8.42E-04			
Threshold (mg/kg)	18.33	α=5%	α=10%	α=15%
10% of Threshold (1.83 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (5.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Endrin aldehyde				
Number of Samples	38			
Standard Deviation	1.78E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endrin ketone				
Number of Samples	38			
Standard Deviation	1.73E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Ethanol				
Number of Samples	3			
Standard Deviation	2.49E-02			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Ethylbenzene				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	3.79	α=5%	α=10%	α=15%
10% of Threshold (0.38 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.76 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Fluoranthene				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold	2293.67	α=5%	α=10%	α=15%
10% of Threshold (229.37 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (458.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (688.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Fluorene				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	671.21	α=5%	α=10%	α=15%
10% of Threshold (67.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (134.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (201.36 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Formaldehyde				
Number of Samples	3			
Standard Deviation	4.05E-02			
Threshold (mg/kg)	10.57	α=5%	α=10%	α=15%
10% of Threshold (1.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (3.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

Di-n-butyl phthalate				
Number of Samples	3			
Standard Deviation	3.18E-02			
Threshold (mg/kg)	6110.49	α=5%	α=10%	α=15%
10% of Threshold (611.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1222.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1833.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Di-n-octyl phthalate				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Diphenyl sulfone				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	183.31	α=5%	α=10%	α=15%
10% of Threshold (18.33 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (36.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (54.99 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Endosulfan I				
Number of Samples	38			
Standard Deviation	3.41E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endosulfan II				
Number of Samples	38			
Standard Deviation	7.76E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endosulfan sulfate				
Number of Samples	38			
Standard Deviation	7.47E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endrin				
Number of Samples	38			
Standard Deviation	7.76E-04			
Threshold (mg/kg)	18.33	α=5%	α=10%	α=15%
10% of Threshold (1.83 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (5.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Endrin aldehyde				
Number of Samples	38			
Standard Deviation	1.66E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Endrin ketone				
Number of Samples	38			
Standard Deviation	1.62E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Ethanol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Ethylbenzene				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	3.79	α=5%	α=10%	α=15%
10% of Threshold (0.38 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.76 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Fluoranthene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold	2293.67	α=5%	α=10%	α=15%
10% of Threshold (229.37 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (458.73 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (688.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Fluorene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	671.21	α=5%	α=10%	α=15%
10% of Threshold (67.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (134.24 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (201.36 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Formaldehyde				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	10.57	α=5%	α=10%	α=15%
10% of Threshold (1.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (3.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

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Dry Weight

gamma-BHC (Lindane)				
Number of Samples	38			
Standard Deviation	3.66E-04			
Threshold (mg/kg)	0.70	α=5%	α=10%	α=15%
10% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Heptachlor				
Number of Samples	38			
Standard Deviation	3.25E-04			
Threshold (mg/kg)	0.11	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Heptachlor epoxide				
Number of Samples	38			
Standard Deviation	3.25E-04			
Threshold (mg/kg)	0.05	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

HexaCB-(156)+(157)				
Number of Samples	3			
Standard Deviation	9.39E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Hexachlorobenzene				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	0.30	α=5%	α=10%	α=15%
10% of Threshold (0.03 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hexachlorobutadiene				
Number of Samples	5			
Standard Deviation	4.46E-05			
Threshold (mg/kg)	6.24	α=5%	α=10%	α=15%
10% of Threshold (0.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.87 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hexachlorocyclopentadiene				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	366.09	α=5%	α=10%	α=15%
10% of Threshold (36.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (73.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (109.83 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hexachloroethane				
Number of Samples	3			
Standard Deviation	3.12E-03			
Threshold (mg/kg)	34.74	α=5%	α=10%	α=15%
10% of Threshold (3.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6.95 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (10.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hydroxide Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	3.90E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Indeno(1,2,3-cd)pyrene				
Number of Samples	3			
Standard Deviation	1.01E-02			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Iron				
Number of Samples	37			
Standard Deviation	4.86E+03			
Threshold (mg/kg)	54750.00	α=5%	α=10%	α=15%
10% of Threshold (5475 mg/kg)	β=15%	8	6	4
	β=20%	7	5	4
	β=25%	6	4	3
20% of Threshold (10950 mg/kg)	β=15%	3	2	2
	β=20%	3	2	1
	β=25%	3	2	1
30% of Threshold (16425 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Isophorone				
Number of Samples	3			
Standard Deviation	3.90E-03			
Threshold (mg/kg)	512.01	α=5%	α=10%	α=15%
10% of Threshold (51.2 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (102.4 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (153.6 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Isopropylbenzene				
Number of Samples	5			
Standard Deviation	3.13E-05			
Threshold (mg/kg)	370.84	α=5%	α=10%	α=15%
10% of Threshold (37.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (74.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (111.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Lead				
Number of Samples	37			
Standard Deviation	2.63E+00			
Threshold (mg/kg)	400.00	α=5%	α=10%	α=15%
10% of Threshold (40 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (80 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (120 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

gamma-BHC (Lindane)				
Number of Samples	38			
Standard Deviation	3.41E-04			
Threshold (mg/kg)	0.70	α=5%	α=10%	α=15%
10% of Threshold (0.07 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Heptachlor				
Number of Samples	38			
Standard Deviation	3.00E-04			
Threshold (mg/kg)	0.11	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Heptachlor epoxide				
Number of Samples	38			
Standard Deviation	3.00E-04			
Threshold (mg/kg)	0.05	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

HexaCB-(156)+(157)				
Number of Samples	3			
Standard Deviation	5.22E-08			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Hexachlorobenzene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.30	α=5%	α=10%	α=15%
10% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hexachlorobutadiene				
Number of Samples	5			
Standard Deviation	4.77E-05			
Threshold (mg/kg)	6.24	α=5%	α=10%	α=15%
10% of Threshold (0.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.87 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hexachlorocyclopentadiene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	366.09	α=5%	α=10%	α=15%
10% of Threshold (36.61 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (73.22 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (109.83 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hexachloroethane				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	34.74	α=5%	α=10%	α=15%
10% of Threshold (3.47 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (6.95 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (10.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Hydroxide Alkalinity as CaCO3				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Indeno(1,2,3-cd)pyrene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Iron				
Number of Samples	37			
Standard Deviation	4.70E+03			
Threshold (mg/kg)	54750.00	α=5%	α=10%	α=15%
10% of Threshold (5475 mg/kg)	β=15%	7	5	4
	β=20%	7	5	4
	β=25%	6	4	3
20% of Threshold (10950 mg/kg)	β=15%	3	2	1
	β=20%	3	2	1
	β=25%	3	2	1
30% of Threshold (16425 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Isophorone				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	512.01	α=5%	α=10%	α=15%
10% of Threshold (51.2 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (102.4 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (153.6 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Isopropylbenzene				
Number of Samples	5			
Standard Deviation	3.58E-05			
Threshold (mg/kg)	370.84	α=5%	α=10%	α=15%
10% of Threshold (37.08 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (74.17 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (111.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Lead				
Number of Samples	37			
Standard Deviation	2.49E+00			
Threshold (mg/kg)	400.00	α=5%	α=10%	α=15%
10% of Threshold (40 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (80 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (120 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

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Dry Weight

Lithium				
Number of Samples	3			
Standard Deviation	3.25E+01			
Threshold (mg/kg)	156.43	α=5%	α=10%	α=15%
10% of Threshold (15.64 mg/kg)	β=15%	37	28	22
	β=20%	32	23	18
	β=25%	28	20	15
20% of Threshold (31.29 mg/kg)	β=15%	10	8	6
	β=20%	9	6	5
	β=25%	8	6	4
30% of Threshold (46.93 mg/kg)	β=15%	5	4	3
	β=20%	5	3	2
	β=25%	4	3	2

Long Amphibole Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Long Chrysotile Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

m,p-Xylenes				
Number of Samples	5			
Standard Deviation	3.62E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Magnesium				
Number of Samples	37			
Standard Deviation	4.96E+03			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	3	2	2
	β=20%	3	2	2
	β=25%	3	2	1
20% of Threshold (20000 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (30000 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Manganese				
Number of Samples	37			
Standard Deviation	6.87E+01			
Threshold (mg/kg)	1822.47	α=5%	α=10%	α=15%
10% of Threshold (182.25 mg/kg)	β=15%	3	2	1
	β=20%	2	2	1
	β=25%	2	1	1
20% of Threshold (364.49 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (546.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Mercury				
Number of Samples	37			
Standard Deviation	9.19E-03			
Threshold (mg/kg)	12.51	α=5%	α=10%	α=15%
10% of Threshold (1.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (3.75 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Methoxychlor				
Number of Samples	38			
Standard Deviation	4.81E-03			
Threshold (mg/kg)	305.52	α=5%	α=10%	α=15%
10% of Threshold (30.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (61.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (91.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Methylene chloride				
Number of Samples	5			
Standard Deviation	4.03E-04			
Threshold (mg/kg)	10.97	α=5%	α=10%	α=15%
10% of Threshold (1.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (3.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Methyl-tert-butyl Ether (MTBE)				
Number of Samples	5			
Standard Deviation	6.64E-05			
Threshold (mg/kg)	39.20	α=5%	α=10%	α=15%
10% of Threshold (3.92 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (7.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (11.76 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Molybdenum				
Number of Samples	37			
Standard Deviation	1.38E-01			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Naphthalene				
Number of Samples	5			
Standard Deviation	6.03E-05			
Threshold (mg/kg)	3.10	α=5%	α=10%	α=15%
10% of Threshold (0.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

n-Butylbenzene				
Number of Samples	5			
Standard Deviation	4.52E-05			
Threshold (mg/kg)	237.09	α=5%	α=10%	α=15%
10% of Threshold (23.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (47.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (71.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

n-Hydroxymethylphthalimide				
Number of Samples	3			
Standard Deviation	1.79E-01			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

Lithium				
Number of Samples	3			
Standard Deviation	2.23E+01			
Threshold (mg/kg)	156.43	α=5%	α=10%	α=15%
10% of Threshold (15.64 mg/kg)	β=15%	18	13	11
	β=20%	16	11	9
	β=25%	14	10	7
20% of Threshold (31.29 mg/kg)	β=15%	6	4	3
	β=20%	5	3	3
	β=25%	5	3	2
30% of Threshold (46.93 mg/kg)	β=15%	3	2	2
	β=20%	3	2	1
	β=25%	3	2	1

Long Amphibole Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Long Chrysotile Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

m,p-Xylenes				
Number of Samples	5			
Standard Deviation	5.50E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Magnesium				
Number of Samples	37			
Standard Deviation	3.57E+03			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	2	2	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (20000 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Manganese				
Number of Samples	37			
Standard Deviation	6.39E+01			
Threshold (mg/kg)	1822.47	α=5%	α=10%	α=15%
10% of Threshold (182.25 mg/kg)	β=15%	2	2	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (364.49 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
30% of Threshold (546.74 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Mercury				
Number of Samples	37			
Standard Deviation	8.67E-03			
Threshold (mg/kg)	12.51	α=5%	α=10%	α=15%
10% of Threshold (1.25 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (3.75 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Methoxychlor				
Number of Samples	38			
Standard Deviation	4.50E-03			
Threshold (mg/kg)	305.52	α=5%	α=10%	α=15%
10% of Threshold (30.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (61.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (91.66 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Methylene chloride				
Number of Samples	5			
Standard Deviation	4.30E-04			
Threshold (mg/kg)	10.97	α=5%	α=10%	α=15%
10% of Threshold (1.1 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (2.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (3.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Methyl-tert-butyl Ether (MTBE)				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	39.20	α=5%	α=10%	α=15%
10% of Threshold (3.92 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (7.84 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (11.76 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Molybdenum				
Number of Samples	37			
Standard Deviation	1.29E-01			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Naphthalene				
Number of Samples	5			
Standard Deviation	7.58E-05			
Threshold (mg/kg)	3.10	α=5%	α=10%	α=15%
10% of Threshold (0.31 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.62 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

n-Butylbenzene				
Number of Samples	5			
Standard Deviation	4.69E-05			
Threshold (mg/kg)	237.09	α=5%	α=10%	α=15%
10% of Threshold (23.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (47.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (71.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

n-Hydroxymethylphthalimide				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

Nickel				
Number of Samples	37			
Standard Deviation	2.10E+00			
Threshold (mg/kg)	1542.86	α=5%	α=10%	α=15%
10% of Threshold (154.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (308.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (462.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Nitrobenzene				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	2.69	α=5%	α=10%	α=15%
10% of Threshold (0.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.54 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.81 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

N-Nitrosodimethylamine				
Number of Samples	3			
Standard Deviation	3.12E-03			
Threshold (mg/kg)	0.01	α=5%	α=10%	α=15%
10% of Threshold (0 mg/kg)	β=15%	90	67	54
	β=20%	78	57	44
	β=25%	68	48	37
20% of Threshold (0 mg/kg)	β=15%	24	17	14
	β=20%	21	15	11
	β=25%	18	13	10
30% of Threshold (0 mg/kg)	β=15%	11	8	6
	β=20%	10	7	5
	β=25%	9	6	5

N-Nitroso-di-n-propylamine				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	0.07	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	6	5	4
	β=20%	6	4	3
	β=25%	5	4	3
20% of Threshold (0.01 mg/kg)	β=15%	3	2	1
	β=20%	2	2	1
	β=25%	2	2	1
30% of Threshold (0.02 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

N-Nitrosodiphenylamine				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	99.26	α=5%	α=10%	α=15%
10% of Threshold (9.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (19.85 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (29.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

n-Propylbenzene				
Number of Samples	5			
Standard Deviation	3.53E-05			
Threshold (mg/kg)	237.09	α=5%	α=10%	α=15%
10% of Threshold (23.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (47.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (71.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Octachlorostyrene				
Number of Samples	3			
Standard Deviation	1.79E-01			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

o-Xylene				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	282.26	α=5%	α=10%	α=15%
10% of Threshold (28.23 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (56.45 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (84.68 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Pentachlorobenzene				
Number of Samples	3			
Standard Deviation	5.85E-03			
Threshold (mg/kg)	48.88	α=5%	α=10%	α=15%
10% of Threshold (4.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Pentachlorophenol				
Number of Samples	3			
Standard Deviation	1.17E-02			
Threshold (mg/kg)	0.89	α=5%	α=10%	α=15%
10% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

pH				
Number of Samples	37			
Standard Deviation	4.38E-01			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Phenanthrene				
Number of Samples	3			
Standard Deviation	4.68E-03			
Threshold (mg/kg)	24.53	α=5%	α=10%	α=15%
10% of Threshold (2.45 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (4.91 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (7.36 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Phenol				
Number of Samples	3			
Standard Deviation	3.12E-03			
Threshold (mg/kg)	18330.13	α=5%	α=10%	α=15%
10% of Threshold (1833.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3666.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (5499.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Phenyl disulfide				
Number of Samples	3			
Standard Deviation	8.57E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

Nickel				
Number of Samples	37			
Standard Deviation	1.87E+00			
Threshold (mg/kg)	1542.86	α=5%	α=10%	α=15%
10% of Threshold (154.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (308.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (462.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Nitrobenzene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	2.69	α=5%	α=10%	α=15%
10% of Threshold (0.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.54 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.81 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

N-Nitrosodimethylamine				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.01	α=5%	α=10%	α=15%
10% of Threshold (0 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

N-Nitroso-di-n-propylamine				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.07	α=5%	α=10%	α=15%
10% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.02 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

N-Nitrosodiphenylamine				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	99.26	α=5%	α=10%	α=15%
10% of Threshold (9.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (19.85 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (29.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

n-Propylbenzene				
Number of Samples	5			
Standard Deviation	3.98E-05			
Threshold (mg/kg)	237.09	α=5%	α=10%	α=15%
10% of Threshold (23.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (47.42 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (71.13 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Octachlorostyrene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

o-Xylene				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	282.26	α=5%	α=10%	α=15%
10% of Threshold (28.23 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (56.45 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (84.68 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Pentachlorobenzene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	48.88	α=5%	α=10%	α=15%
10% of Threshold (4.89 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9.78 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14.67 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Pentachlorophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	0.89	α=5%	α=10%	α=15%
10% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

pH				
Number of Samples	37			
Standard Deviation	4.38E-01			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Phenanthrene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	24.53	α=5%	α=10%	α=15%
10% of Threshold (2.45 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (4.91 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (7.36 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Phenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	18330.13	α=5%	α=10%	α=15%
10% of Threshold (1833.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (3666.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (5499.04 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Phenyl disulfide				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

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Dry Weight

Phenyl sulfide				
Number of Samples	3			
Standard Deviation	5.85E-03			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Phosphorus				
Number of Samples	37			
Standard Deviation	1.83E+02			
Threshold (mg/kg)	2010.00	α=5%	α=10%	α=15%
10% of Threshold (201 mg/kg)	β=15%	8	6	5
	β=20%	7	5	4
	β=25%	7	5	3
20% of Threshold (402 mg/kg)	β=15%	3	2	2
	β=20%	3	2	1
	β=25%	3	2	1
30% of Threshold (603 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Phthalic acid				
Number of Samples	3			
Standard Deviation	3.90E-02			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

p-Isopropyltoluene				
Number of Samples	5			
Standard Deviation	4.52E-05			
Threshold (mg/kg)	389.30	α=5%	α=10%	α=15%
10% of Threshold (38.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (77.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (116.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Potassium				
Number of Samples	37			
Standard Deviation	8.32E+02			
Threshold (mg/kg)	3890.00	α=5%	α=10%	α=15%
10% of Threshold (389 mg/kg)	β=15%	39	29	23
	β=20%	34	25	19
	β=25%	30	21	16
20% of Threshold (778 mg/kg)	β=15%	11	8	6
	β=20%	10	7	5
	β=25%	8	6	4
30% of Threshold (1167 mg/kg)	β=15%	6	4	3
	β=20%	5	3	3
	β=25%	5	3	2

Pyrene				
Number of Samples	3			
Standard Deviation	6.24E-03			
Threshold (mg/kg)	1885.04	α=5%	α=10%	α=15%
10% of Threshold (188.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (377.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (565.51 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Pyridine				
Number of Samples	3			
Standard Deviation	5.46E-03			
Threshold (mg/kg)	60.46	α=5%	α=10%	α=15%
10% of Threshold (6.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

sec-Butylbenzene				
Number of Samples	5			
Standard Deviation	4.00E-05			
Threshold (mg/kg)	223.43	α=5%	α=10%	α=15%
10% of Threshold (22.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (44.69 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (67.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Selenium				
Number of Samples	37			
Standard Deviation	2.55E-01			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Silver				
Number of Samples	37			
Standard Deviation	3.82E-02			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Sodium				
Number of Samples	37			
Standard Deviation	4.79E+02			
Threshold (mg/kg)	1320.00	α=5%	α=10%	α=15%
10% of Threshold (132 mg/kg)	β=15%	111	83	66
	β=20%	96	70	54
	β=25%	83	59	45
20% of Threshold (264 mg/kg)	β=15%	29	21	17
	β=20%	25	18	14
	β=25%	22	15	12
30% of Threshold (396 mg/kg)	β=15%	14	10	8
	β=20%	12	8	7
	β=25%	10	7	5

Strontium				
Number of Samples	3			
Standard Deviation	9.09E+01			
Threshold (mg/kg)	46928.57	α=5%	α=10%	α=15%
10% of Threshold (4692.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9385.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14078.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Styrene				
Number of Samples	5			
Standard Deviation	3.63E-05			
Threshold (mg/kg)	1733.84	α=5%	α=10%	α=15%
10% of Threshold (173.38 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (346.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (520.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Sulfur				
Number of Samples	34			
Standard Deviation	3.90E+02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

Phenyl sulfide				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Phosphorus				
Number of Samples	37			
Standard Deviation	1.77E+02			
Threshold (mg/kg)	2010.00	α=5%	α=10%	α=15%
10% of Threshold (201 mg/kg)	β=15%	8	6	4
	β=20%	7	5	4
	β=25%	6	4	3
20% of Threshold (402 mg/kg)	β=15%	3	2	2
	β=20%	3	2	1
	β=25%	3	2	1
30% of Threshold (603 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1

Phthalic acid				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

p-Isopropyltoluene				
Number of Samples	5			
Standard Deviation	4.69E-05			
Threshold (mg/kg)	389.30	α=5%	α=10%	α=15%
10% of Threshold (38.93 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (77.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (116.79 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Potassium				
Number of Samples	37			
Standard Deviation	6.88E+02			
Threshold (mg/kg)	3890.00	α=5%	α=10%	α=15%
10% of Threshold (389 mg/kg)	β=15%	27	20	16
	β=20%	24	17	13
	β=25%	21	15	11
20% of Threshold (778 mg/kg)	β=15%	8	6	4
	β=20%	7	5	4
	β=25%	6	4	3
30% of Threshold (1167 mg/kg)	β=15%	4	3	2
	β=20%	4	3	2
	β=25%	4	2	2

Pyrene				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	1885.04	α=5%	α=10%	α=15%
10% of Threshold (188.5 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (377.01 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (565.51 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Pyridine				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	60.46	α=5%	α=10%	α=15%
10% of Threshold (6.05 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (12.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (18.14 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

sec-Butylbenzene				
Number of Samples	5			
Standard Deviation	4.38E-05			
Threshold (mg/kg)	223.43	α=5%	α=10%	α=15%
10% of Threshold (22.34 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (44.69 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (67.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Selenium				
Number of Samples	37			
Standard Deviation	2.43E-01			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Silver				
Number of Samples	37			
Standard Deviation	3.19E-02			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Sodium				
Number of Samples	37			
Standard Deviation	4.14E+02			
Threshold (mg/kg)	1320.00	α=5%	α=10%	α=15%
10% of Threshold (132 mg/kg)	β=15%	83	62	50
	β=20%	72	52	41
	β=25%	63	44	34
20% of Threshold (264 mg/kg)	β=15%	22	16	13
	β=20%	19	14	11
	β=25%	17	12	9
30% of Threshold (396 mg/kg)	β=15%	10	8	6
	β=20%	9	7	5
	β=25%	8	6	4

Strontium				
Number of Samples	3			
Standard Deviation	9.54E+01			
Threshold (mg/kg)	46928.57	α=5%	α=10%	α=15%
10% of Threshold (4692.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9385.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14078.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Styrene				
Number of Samples	5			
Standard Deviation	3.90E-05			
Threshold (mg/kg)	1733.84	α=5%	α=10%	α=15%
10% of Threshold (173.38 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (346.77 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (520.15 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Sulfur				
Number of Samples	34			
Standard Deviation	3.65E+02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Geosyntec consultants

Dry Weight

Tentatively Identified Compounds				
Number of Samples	5			
Standard Deviation	1.22E-02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
tert-Butylbenzene				
Number of Samples	5			
Standard Deviation	3.86E-05			
Threshold (mg/kg)	392.89	α=5%	α=10%	α=15%
10% of Threshold (39.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.58 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.87 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Tetrachloroethene				
Number of Samples	5			
Standard Deviation	2.95E-05			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Thallium				
Number of Samples	37			
Standard Deviation	6.55E-02			
Threshold (mg/kg)	5.16	α=5%	α=10%	α=15%
10% of Threshold (0.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Thiophenol				
Number of Samples	3			
Standard Deviation	2.03E-01			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Tin				
Number of Samples	37			
Standard Deviation	1.56E+00			
Threshold (mg/kg)	46928.57	α=5%	α=10%	α=15%
10% of Threshold (4692.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9385.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14078.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Titanium				
Number of Samples	3			
Standard Deviation	2.47E+02			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Toluene				
Number of Samples	5			
Standard Deviation	2.96E-04			
Threshold (mg/kg)	521.17	α=5%	α=10%	α=15%
10% of Threshold (52.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (104.23 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (156.35 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Total Amphibole Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Total Chrysotile Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Toxaphene				
Number of Samples	38			
Standard Deviation	4.52E-02			
Threshold (mg/kg)	0.44	α=5%	α=10%	α=15%
10% of Threshold (0.04 mg/kg)	β=15%	10	7	6
	β=20%	9	6	5
	β=25%	8	5	4
20% of Threshold (0.09 mg/kg)	β=15%	4	2	2
	β=20%	3	2	2
	β=25%	3	2	1
30% of Threshold (0.13 mg/kg)	β=15%	2	2	1
	β=20%	2	1	1
	β=25%	2	1	1
trans-1,2-Dichloroethene				
Number of Samples	5			
Standard Deviation	4.20E-05			
Threshold (mg/kg)	121.80	α=5%	α=10%	α=15%
10% of Threshold (12.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (24.36 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (36.54 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
trans-1,3-Dichloropropene				
Number of Samples	5			
Standard Deviation	3.53E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Trichloroacetaldehyde				
Number of Samples	3			
Standard Deviation	3.12E-04			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

Wet Weight

Tentatively Identified Compounds				
Number of Samples	5			
Standard Deviation	1.41E-02			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
tert-Butylbenzene				
Number of Samples	5			
Standard Deviation	4.02E-05			
Threshold (mg/kg)	392.89	α=5%	α=10%	α=15%
10% of Threshold (39.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.58 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.87 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Tetrachloroethene				
Number of Samples	5			
Standard Deviation	3.09E-05			
Threshold (mg/kg)	0.62	α=5%	α=10%	α=15%
10% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.19 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Thallium				
Number of Samples	37			
Standard Deviation	5.16E-02			
Threshold (mg/kg)	5.16	α=5%	α=10%	α=15%
10% of Threshold (0.52 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (1.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (1.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Thiophenol				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Tin				
Number of Samples	37			
Standard Deviation	1.46E+00			
Threshold (mg/kg)	46928.57	α=5%	α=10%	α=15%
10% of Threshold (4692.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (9385.71 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (14078.57 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Titanium				
Number of Samples	3			
Standard Deviation	1.44E+02			
Threshold (mg/kg)	100000.00	α=5%	α=10%	α=15%
10% of Threshold (10000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (20000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (30000 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Toluene				
Number of Samples	5			
Standard Deviation	3.16E-04			
Threshold (mg/kg)	521.17	α=5%	α=10%	α=15%
10% of Threshold (52.12 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (104.23 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (156.35 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
Total Amphibole Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Total Chrysotile Protocol Structure				
Number of Samples	17			
Standard Deviation	1.67E+04			
Threshold	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Toxaphene				
Number of Samples	38			
Standard Deviation	4.22E-02			
Threshold (mg/kg)	0.44	α=5%	α=10%	α=15%
10% of Threshold (0.04 mg/kg)	β=15%	9	6	5
	β=20%	8	6	4
	β=25%	7	5	4
20% of Threshold (0.09 mg/kg)	β=15%	3	2	2
	β=20%	3	2	1
	β=25%	3	2	1
30% of Threshold (0.13 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
trans-1,2-Dichloroethene				
Number of Samples	5			
Standard Deviation	4.51E-05			
Threshold (mg/kg)	121.80	α=5%	α=10%	α=15%
10% of Threshold (12.18 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (24.36 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (36.54 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
trans-1,3-Dichloropropene				
Number of Samples	5			
Standard Deviation	3.98E-05			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
Trichloroacetaldehyde				
Number of Samples	3			
Standard Deviation	0.00E+00			
Threshold (mg/kg)	NA	α=5%	α=10%	α=15%
10% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
20% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA
30% of Threshold (NA)	β=15%	NA	NA	NA
	β=20%	NA	NA	NA
	β=25%	NA	NA	NA

APPENDIX F
DATA QUALITY ASSESSMENT TABLE FOR SOIL (DRY AND WET WEIGHT)
FORMER DICHLOROBENZIL WAREHOUSE AREA
HENDERSON, NEVADA

Geosyntec consultants

Dry Weight

Trichloroethene				
Number of Samples	5			
Standard Deviation	2.94E-05			
Threshold (mg/kg)	1.06	α=5%	α=10%	α=15%
10% of Threshold (0.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Trichlorofluoromethane				
Number of Samples	5			
Standard Deviation	3.13E-05			
Threshold (mg/kg)	882.73	α=5%	α=10%	α=15%
10% of Threshold (88.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (176.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (264.82 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Uranium				
Number of Samples	34			
Standard Deviation	1.57E-01			
Threshold (mg/kg)	234.50	α=5%	α=10%	α=15%
10% of Threshold (23.45 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (46.9 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (70.35 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Vanadium				
Number of Samples	37			
Standard Deviation	6.96E+00			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	2	1	1
	β=20%	2	1	1
	β=25%	2	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Vinyl chloride				
Number of Samples	5			
Standard Deviation	6.31E-05			
Threshold (mg/kg)	0.29	α=5%	α=10%	α=15%
10% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Zinc				
Number of Samples	37			
Standard Deviation	1.20E+01			
Threshold (mg/kg)	23464.29	α=5%	α=10%	α=15%
10% of Threshold (2346.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (4692.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (7039.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Wet Weight

Trichloroethene				
Number of Samples	5			
Standard Deviation	3.23E-05			
Threshold (mg/kg)	1.06	α=5%	α=10%	α=15%
10% of Threshold (0.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Trichlorofluoromethane				
Number of Samples	5			
Standard Deviation	3.58E-05			
Threshold (mg/kg)	882.73	α=5%	α=10%	α=15%
10% of Threshold (88.27 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (176.55 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (264.82 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Uranium				
Number of Samples	34			
Standard Deviation	1.47E-01			
Threshold (mg/kg)	234.50	α=5%	α=10%	α=15%
10% of Threshold (23.45 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (46.9 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (70.35 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Vanadium				
Number of Samples	37			
Standard Deviation	4.80E+00			
Threshold (mg/kg)	391.07	α=5%	α=10%	α=15%
10% of Threshold (39.11 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (78.21 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (117.32 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Vinyl chloride				
Number of Samples	5			
Standard Deviation	6.71E-05			
Threshold (mg/kg)	0.29	α=5%	α=10%	α=15%
10% of Threshold (0.03 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (0.06 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (0.09 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Zinc				
Number of Samples	37			
Standard Deviation	1.06E+01			
Threshold (mg/kg)	23464.29	α=5%	α=10%	α=15%
10% of Threshold (2346.43 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
20% of Threshold (4692.86 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1
30% of Threshold (7039.29 mg/kg)	β=15%	1	1	1
	β=20%	1	1	1
	β=25%	1	1	1

Notes:
NA Not Available

The values in this table were calculated in accordance with the March 23, 2013 Memo "Montrose Data Quality Assessment (DQA) example and R code", from Mike Balshi & Paul Black to Brian Rakvica.