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QUARTERLY MONITORING REPORT

FIRST QUARTER 2009

GROUNDWATER TREATMENT SYSTEM

HENDERSON, NEVADA

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

HARGIS + ASSOCIATES, INC.

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ACRONYMS AND ABBREVIATIONS

µg/L	micrograms per liter
BCLs	Basic Comparison Levels
BHC	benzene hexachloride
DAQEM	Clark County Department of Air Quality and Environmental Management
EPA	U.S. Environmental Protection Agency
GAC	granular activated carbon
gpm	gallons per minute
GWTS	groundwater treatment system
H+A	Hargis + Associates, Inc.
HHTC	Human Health Toxicity Criteria
LGAC	liquid phase granular activated carbon
MCL	maximum contaminant level
Montrose	Montrose Chemical Corporation of California
NDEP	Nevada Division of Environmental Protection
Olin	Olin Corporation
PQL	Practical Quantitation Limit
Stauffer	Stauffer Chemical Company
SMC	Stauffer Management Company, LLC
SWT	selected wellhead treatment
TAMI	TestAmerica Analytical Corporation
TTHMs	total trihalomethanes
VOCs	volatile organic compounds

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1.0 INTRODUCTION

This quarterly monitoring report presents a summary of the operation and monitoring of the Henderson Groundwater Treatment System (GWTS), located in Henderson, Nevada for the first quarter 2009 (Figure 1). This report includes revisions in presentation as requested by the Nevada Division of Environmental Protection (NDEP) in a letter dated March 2, 2009 (NDEP, 2009b).

1.1 BACKGROUND

The GWTS is operated under a Consent Order between the State of Nevada, Stauffer Chemical Company (Stauffer), and the Montrose Chemical Corporation of California (Montrose) to remediate contaminated groundwater and has been operational since December 1983 (State of Nevada, 1983). Presently, the GWTS operation is being overseen by *de maximis, inc*. with assistance provided by Olin Corporation (Olin) (formerly Pioneer Americas, LLC), Montrose, and Stauffer Management Company, LLC (SMC). Olin, Montrose, and SMC are collectively referred to herein as “the Companies”.

The purpose of the GWTS is to extract and treat contaminated shallow zone groundwater migrating northward from the former Stauffer and Montrose facilities located within the Olin property at the Black Mountain Industrial Complex. Contaminated groundwater is extracted from the shallow zone by 13 extraction wells and treated using air-stripping followed by activated carbon adsorption (referred to as the granular activated carbon [GAC] system). The treated groundwater is then returned to the shallow zone downgradient of the extraction wells via three below-grade recharge trenches, called the “east”, “center” and “west” trenches. These trenches are constructed in a line about 1,800 feet long perpendicular to the groundwater flow direction. The east and west trenches are comprised of three separate segments of piping of

approximately equal length. The center trench is one continuous pipe. The process flow diagrams for the GWTS are illustrated in Figures 2 through 4.

The Consent Order requires quarterly groundwater sampling and analyses for selected VOCs and other organic compounds (State of Nevada, 1983). Groundwater sampling is conducted at two upgradient well locations identified as Consent Order monitor wells H-18A and H-21R; and three downgradient well locations identified as Consent Order monitor wells H-49A, H-56A, and H-58A. Pertinent GWTS features and Consent Order monitor well locations are illustrated on Figure 5. Figure 6 presents a geologic cross-section along the extraction well line that illustrates groundwater level elevations monitored in January 2009 with respect to the major hydrogeologic units underlying the wellfield.

1.2 OVERVIEW OF FIRST QUARTER 2009 OPERATIONS

The GWTS operated throughout the first quarter 2009. Extracted groundwater from all extraction wells was treated sequentially by the air stripper and the GAC system to remove VOCs, pesticides and semi-VOCs. Routine maintenance and activated carbon changeouts were conducted as presented in Section 4.0 of this report.

Groundwater levels were monitored in the GWTS extraction wells, monitor wells, and piezometers located in the vicinity of the GWTS for reporting pursuant to the Consent Order. In addition to the routine GWTS process monitoring/sampling and Consent Order well sampling, groundwater samples were collected from nine transect monitor wells located immediately downgradient of the GWTS.

2.0 CONSENT ORDER MONITOR WELL GROUNDWATER SAMPLING

Groundwater samples were collected during the first quarter from Consent Order monitor wells H-18A, H-21R, H-49A, H-56A, and H-58A on January 19, 2009 by Converse Consultants. Groundwater samples were collected from each monitor well using a decontaminated submersible pump with the intake placed at the approximate midpoint of each screened interval. Groundwater samples are collected using a low flow sampling technique as detailed in the Standard Operating Procedures prepared by H+A (2007). The groundwater samples were analyzed for the following parameters as required by the Consent Order:

All Consent Order Monitor Wells

- VOCs using U.S. Environmental Protection Agency (EPA) Method 8260B.
- p-Chlorothioanisole using EPA Method 8270C.

Upgradient Consent Order Monitor Wells Only

- Selected organic acids using high performance liquid chromatography.
- Consent Order pesticides (phosmet and carbophenothion) using EPA Method 8141A.

All chemical analyses were conducted by TestAmerica Analytical Testing Corporation (TAMI) or by a TAMI subcontractor laboratory (Alpha Analytical). Analytical laboratory reports and field sampling forms are provided (Appendix A).

The results of the chemical analyses are summarized in Table 1. Graphs illustrating concentration trends of benzene, chlorobenzene and chloroform for each Consent Order monitor well are provided in Appendix B. These chemicals have been selected for presentation because they are the predominant VOCs present in the GWTS area. The graphs are structured to illustrate trends in concentrations over the total duration of the monitoring program and also for the last five years. Graphs illustrating concentration trends for the organic acids 4-chlorobenzenesulfonic acid, benzenesulfonic acid, and diethyl phosphorodithioic acid were

also prepared for Consent Order Well H-21R in response to a request by NDEP (2008d). These graphs are also provided in Appendix B.

The concentration trend graphs differ from those included in previous reports in that the sample's practical quantitation limit (PQL also known as the "laboratory reporting limit") concentration is also plotted in response to a request by NDEP (2008b). Because of the diverse source of historical information used to construct the project database, PQL values are available for only a few samples collected prior to calendar year 2006. Note that there are some instances where a detected concentration point is plotted at a concentration less than the PQL. These are instances when the laboratory was instructed to report estimated sample concentrations between the PQL and the Sample Quantitation Limit.

The graphs also include an indicator for the Maximum Contaminant Level (MCL) concentrations for benzene, chlorobenzene and chloroform. For chloroform, the MCL cited is the 80 micrograms per liter (µg/L) as established by EPA for total trihalomethanes (TTHMs, the sum of chloroform bromodichloromethane, dibromochloromethane, and bromoform) in drinking water. Of the TTHMs, only chloroform was present in first quarter 2009 groundwater samples. Additionally, the organic acid concentration trend graphs for monitor well H-21R include an indicator for Human Health Toxicity Criteria (HHTC). A water level hydrograph illustrating water level elevations for each Consent Order monitor well over the total duration of the monitoring program is also included in Appendix B.

2.1 UPGRADIENT RESULTS

Monitor Well H-18A

Consent Order pesticides and p-chlorothioanisole, were not detected above their respective limits of detection in the groundwater sample collected at monitor well H-18A during the first quarter 2009. The VOC chloroform and the organic acids 4-chlorobenzenesulfonic acid and benzenesulfonic acid were detected above their respective limits of detection (Table 1; Appendix A).

Water quality data for monitor well H-18A during the past five years were reviewed to determine if the first quarter 2009 concentrations of chloroform exceeded historical detected ranges for this

compound (period of record December 2003 to November 2008). The detected concentration of chloroform of 3.6 µg/L did not exceed the historical detected range for this compound.

The analytical results were compared to the MCLs to identify any exceedances in first quarter 2009 samples. If an MCL was not available for a compound, then the NDEP Basic Comparison Levels (BCLs) (NDEP, 2009a) for residential water were used for the comparison. For organic acids, for which neither MCLs nor BCLs have been established, HHTCs for drinking water were used (Integral, 2006 and NDEP, 2007). The MCL, BCL, and HHTC values are displayed on Table 1. No MCLs, BCLs, or HHTC values were exceeded in the groundwater sample collected from upgradient Consent Order monitor well H-18A.

Monitor Well H-21R

Consent Order pesticides and p-chlorothioanisole were not detected above their respective limits of detection in the groundwater sample collected at monitor well H-21R during the first quarter 2009. Two VOCs and three organic acids were detected above their respective limits of detection (Table 1; Appendix A). These compounds were also detected in fourth quarter 2008 samples at similar concentrations as detected in the first quarter 2009 samples.

Water quality data for monitor well H-21R during the past five years were reviewed to determine if the first quarter 2009 concentrations of chlorobenzene, benzene, and chloroform exceeded historical detected ranges for these compounds (period of record December 2003 to November 2008). Both chlorobenzene and benzene concentrations in the first quarter 2009 sample collected from monitor well H-21R fell within their respective historical ranges of detection. Chloroform was not detected above its limit of detection in the sample collected from monitor well H-21R in the first quarter 2009.

The results for the groundwater sample from monitor well H-21R were compared to the MCLs to identify any exceedances in first quarter 2009 samples. If an MCL was not available for a compound, then the EPA BCLs for residential water were used for the comparison. For organic acids, for which neither MCLs nor BCLs have been established, HHTCs for drinking water were used (Integral, 2006 and NDEP, 2007). The MCL, BCL, and HHTC values are displayed on Table 1.

MCLs were exceeded in the groundwater sample collected from monitor well H-21R for benzene and chlorobenzene. The organic acids benzenesulfonic acid and diethyl phosphorodithioic acid exceeded their respective HHTCs in the H-21R groundwater sample (Table 1).

2.2 DOWNGRADIENT RESULTS

VOCs were detected above their respective limits of detection in the groundwater samples collected from the three downgradient Consent Order monitor wells during the first quarter 2009 including: 1,1-dichloroethane, 1,2,3-trichlorobenzene 1,2,4-trichlorobenzene, 1,2- and 1,4-dichlorobenzene, chlorobenzene, chloroform, tetrachloroethene, and trichloroethene (Table 1; Appendix A). p-Chlorothioanisole was not detected above its limit of detection in any of the groundwater samples collected from the downgradient Consent Order monitor wells.

Water quality data for the downgradient Consent Order monitor wells during the past five years (December 2003 to November 2008) were reviewed to determine if the first quarter 2009 concentrations of chlorobenzene, benzene, and chloroform exceeded historical detected ranges for these compounds.

- Benzene was not detected above its limit of detection in samples collected from these wells in the first quarter 2009.
- Chlorobenzene was detected in well H-49A only but did not exceed the historical maximum concentration.
- Chloroform was detected at a concentration equal to its limit of detection in the sample collected from monitor well H-58A. The concentration of chloroform in this sample did not exceed the historical maximum concentration.

The detected concentrations in the downgradient monitor well samples were also compared to the MCLs and BCLs to identify any exceedances of those criteria in first quarter 2009 samples. None of the detected concentrations exceeded MCL concentrations. However, 1,2,4-trichlorobenzene, 1,4-dichlorobenzene, chloroform, tetrachloroethene, and trichloroethene exceeded their respective BCLs (Table 1).

3.0 SYSTEM OPERATION AND MONITORING

This section summarizes GWTS operational and monitoring data and provides a summary of air and groundwater quality compliance for the first quarter 2009.

3.1 OPERATION

All extraction wells were operational during the first quarter 2009. However, certain wells were off-line for varying periods of time due to maintenance of various well components and system shutdowns (reconfiguration of well flow to bypass selected wellhead treatment (SWT) system, GAC changeout, high equalization tank levels, LGAC backpressure, air stripper maintenance, and generator service).

For the quarter, the overall total extraction well flowrate averaged 197 gallons per minute (gpm). During the past four quarters, the average overall extraction well flowrate for the quarter has been in the range of 178 to 209 gpm. The total volume of groundwater processed during the first quarter 2009 was 26,138,500 gallons. A graph illustrating the quarterly volume of groundwater processed since 1999 is presented in Figure 7.

All treated effluent was discharged to the east, center, and west recharge trenches during the first quarter 2009. Figure 8 presents a summary of flow to the trenches during the first quarter 2009.

3.2 INFLUENT AND EFFLUENT MONITORING

Influent and effluent samples were collected and analyzed during the first quarter 2009 pursuant to the Consent Order. The sampling ports used to collect samples from the treatment system are illustrated on Figure 3. TAMI analyzed all influent and effluent samples for:

- VOCs including benzene, chlorobenzene, chloroform, dimethyl disulfide, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,3-dichlorobenzene, and 1,2,4-trichlorobenzene using EPA Method 8260B, and

- p-Chlorothioanisole using EPA Method 8270C.

Additional samples were collected from the liquid phase granular activated carbon (LGAC) influent and effluent during the period January 5 through March 26 2009 as part of a special operational evaluation of the LGAC system performance. The samples were analyzed for pesticides using EPA Method 8081A.

Influent Monitoring Results

Concentrations of VOCs detected in influent samples were generally consistent throughout the first quarter 2009 (Table 2; Figure 9). As of the first of the year, all extraction wells were routed directly to the air stripper. Hence, the maximum concentrations of benzene, chloroform and chlorobenzene were greater during the first quarter 2009 than observed in the fourth quarter of 2008 because a portion of the extraction well volume no longer was pre-treated by the SWT system.

The influent concentration data for benzene, chloroform and chlorobenzene are summarized in the table below.

Compound	Maximum Concentration For Fourth Quarter 2008 (µg/L)	Maximum Concentration For First Quarter 2009 (µg/L)
Benzene	3,500	7,100
Chloroform	25	730
Chlorobenzene	2,200	5,900

The VOC compounds 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, and 1,4-dichlorobenzene, were also detected at concentrations greater than the fourth quarter 2008 maximum concentrations (Table 2).

Air Stripper Effluent Monitoring Results

The air stripper effluent samples were analyzed for nine compounds including, benzene, chlorobenzene, chloroform, dimethyl disulfide, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,3-dichlorobenzene, 1,2,4-trichlorobenzene and p-chlorothioanisole using EPA Methods 8260B and 8270C to evaluate treatment performance and to provide data for air permit reporting. The results of the chemical analyses are summarized in Table 2.

GWTS Discharge Monitoring Results

Chloroform was detected in the system effluent samples collected during the first quarter 2009 at concentrations of 11 µg/L or less. None of the concentrations in these samples for chloroform exceeded the weekly or monthly Consent Order discharge limits (Table 2).

The results of the special operational evaluation sampling of the LGAC Influent and Discharge conducted in the first quarter to evaluate if the liquid phase granular activated carbon (LGAC) system reduced concentrations of selected pesticides indicated that four pesticide compounds were detected in first quarter 2009 samples including, alpha-, beta-, delta-, and gamma-benzene hexachloride (BHC) (Table 3). The comparison of the influent and discharge sample analytical results indicate that BHC concentrations are reduced by the LGAC system. The comparison indicates that gamma BHC concentrations in the influent samples exceeded the MCL for this compound and that the LGAC system reduced concentrations to less than the MCL. The comparison also indicates that discharge concentrations of alpha, beta and gamma BHC, when detected, typically exceed the BCL for these compounds (Table 3).

3.3 MASS REMOVED

The total mass of VOCs removed during the first quarter 2009 was approximately 2,545 pounds (Table 4). This mass represents approximately 54 pounds of VOCs removed by activated carbon, and approximately 2,491 pounds of VOCs removed by air stripping. A graph illustrating the mass removed since 1999 is presented in Figure 10.

3.4 AIR PERMIT COMPLIANCE

The air stripper operated during the first quarter 2009 during which approximately 2,491 pounds of VOCs were removed from the extracted groundwater (Table 4). The January 12, 2006 Clark

County Department of Air Quality and Environmental Management (DAQEM) permit allows a maximum of 4,400 pounds of VOCs annually (calendar year). The increased mass loading to the air stripper is related to the SWT not being used during the first quarter. The Companies have completed the process of negotiating a new permit with the Clark County DAQEM, which will allow for a higher annual air emissions permit level that will allow the air-stripper to operate without the aid of the SWT system year-around.

3.5 DOWNGRADIENT TRANSECT GROUNDWATER MONITORING PROGRAM

A special groundwater sampling program has been conducted by the Companies at a transect of monitoring wells located directly downgradient of the GWTS approximately on a quarterly basis since March 2004. The special sampling of the downgradient transect has been retained by the Companies to assist in the overall evaluation of capture effectiveness. The locations of the transect wells are nearer to the GWTS recharge trenches than the three downgradient Consent Order monitoring wells and, therefore, reflect changes in groundwater conditions prior to the Consent Order monitor wells.

The transect sampling program for the first quarter 2009 was completed during the period January 20 through 22, 2009 (Figure 5). The sampling included two new monitor wells (MC-113 and MC-114) that were added to the transect monitoring system during the fourth quarter 2008. These wells are now part of the routine program. All samples were analyzed for VOCs by Method 8260B and pesticides by Method 8081A.

Table 5 presents the analytical data for the transect well first quarter 2009 samples along with detection limits and the applicable MCLs or BCLs for the individual analytes. Copies of the complete analytical reports for the samples are included in Appendix A. The following provides a brief discussion of the transect sampling results as requested by NDEP (2008a and 2009b).

Volatile Organic Compounds

VOCs were detected in the groundwater samples collected from the transect monitor wells during the first quarter 2009 (Table 5; Appendix A). These VOCs include: 1,1-dichloroethane, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, benzene, chloroform,

chlorobenzene, and tetrachloroethene. Of these chemicals, MCLs for benzene and chlorobenzene were exceeded in some wells as follows:

- The MCL of 5.0 µg/l for benzene was exceeded in the groundwater samples collected from transect wells MC-50 (88 µg/l) and MC-114 (2,000 µg/l). The concentration of benzene in the sample collected from MC-50 is consistent with historical data which has shown a range of values from non-detect to 1,400 µg/l. There is no discernable trend in the benzene data from well MC-50. For well MC-114, this was the second sampling event and while the concentration is greater than the initial sample during the fourth quarter 2008, it is too early to determine trends for benzene in this well.

- The MCL of 100 µg/l for chlorobenzene was exceeded in the groundwater samples collected from transect monitor wells MC-49 (210 µg/l) and MC-114 (1,600 µg/l). The concentration of chlorobenzene in the sample collected from MC-49 is consistent with historical data which has shown a range of values from non-detect to 2,540 µg/l. There is a very slight downward trend in the chlorobenzene data from well MC-49. For well MC-114, this was the second sampling event and while the concentration is greater than the initial sample during the fourth quarter 2008, it is too early to determine trends for chlorobenzene in this well.

Detected VOC concentrations were compared to BCLs if an MCL was not available for the compound. The remaining VOC concentrations were either less than BCLs or the particular VOC did not have an established BCL.

Hydrographs in Appendix B illustrate the changes in chlorobenzene, benzene, and chloroform concentrations during the time period during which the transect program has been conducted.

Pesticides

Four pesticide compounds were detected in downgradient transect monitor wells samples during the first quarter 2009 including alpha-, beta-, delta- and gamma- BHC. Three of these pesticide compounds (alpha-, beta-, and delta-BHC) were detected in all of the transect monitor well samples and gamma-BHC was detected in transect monitor wells MC-50 and MC-114 (Table 5). The concentrations of these compounds ranged from 0.11 to 11 µg/l and are consistent with concentrations detected previously in downgradient transect monitoring wells. Of these four compounds, gamma-BHC has an established MCL and NDEP has established BCLs for alpha- and beta-BHC. The concentrations ranges detected in the first quarter 2009 samples and the applicable MCL and BCLs are shown in the following table:

		Range of Concentrations in First Quarter 2009 samples (µg/L)	
Compound	MCL/BCL (µg/L)	Minimum	Maximum
alpha-BHC	0.0107	0.11	3.8
beta-BHC	0.0374	1.6	11
delta-BHC	Not Established	0.44	4.0
gamma-BHC	0.2	0.14	3.0

The analytical results for the first quarter 2009 indicated that concentrations of gamma-BHC exceeded the MCL of 0.2 µg/L at well MC-114 and that the detected concentrations of alpha- and beta-BHC exceeded the BCLs in all of the samples.

4.0 SYSTEM STATUS

4.1 GROUNDWATER TREATMENT SYSTEM MAINTENANCE

Routine maintenance of the GWTS extraction and treatment system during the first quarter 2009 consisted of the backwashing of the two 5,000 pound LGAC vessels, changing of bag filters, cleaning the air stripper trays, replacement of air stripper components, and repairs and equipment replacement at several extraction wells. Additional routine maintenance activities consisted of the inspection of pumps, flow meters, valves, pipelines, pressure gages, electrical connections, and other miscellaneous components to ensure that the GWTS continued to operate as designed. Carbon changeouts for the LGAC system were conducted on January 23, February 26, and March 27.

During the fourth quarter of 2008 the Companies were informed that Basic Power Company's two filter capacitor banks upstream of the GWTS were returned to service. The GWTS ran exclusively on grid power from December 15, 2008 through February 5, 2009. The GWTS shut down on February 5th due to high voltage readings on the 480 volt line and failed to restart on grid power. The system was returned to generator on February 6, 2009 and as of the end of the first quarter 2009 was still running on generator power. During March 2009, Basic Remediation Company moved the power poles that feed the GWTS at which time an extreme voltage imbalance was detected on one of the phases. Repairs have been scheduled and it is anticipated that the system will return to grid power during the second quarter 2009.

4.2 GROUNDWATER LEVEL MONITORING

A groundwater elevation contour map was constructed from data for January 19 to 28, 2009 using water level measurements collected from 113 locations in the shallow zone. The data used to construct the map are presented in Table 6. Using the same methods as used in previous quarters, the water level data were initially contoured using Surfer 7.0 and then adjusted by hand using professional judgment and the current understanding of the groundwater flow in the vicinity of the GWTS. The contour interval was decreased from two feet

to one foot in the immediate vicinity of the extraction wellfield and recharge trenches in response to NDEP's request for more detail in the quarterly maps (NDEP, 2009b). The resulting groundwater elevation contour map is presented in Figure 11.

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TABLE 1

RESULTS OF CONSENT ORDER MONITOR WELL GROUNDWATER SAMPLING

Parameter	Primary Maximum Contaminant Level	NDEP Basic Comparison Levels for Residential Water (unless noted)	H-18A 01/19/2009 REG	H-21R 01/19/2009 REG	H-49A 01/19/2009 REG	H-56A 01/19/2009 REG	H-58A 01/19/2009 REG
VOCs (EPA 8260B)							
1,1,1,2-TETRACHLOROETHANE	--	0.432	<5	<500	<5	<5	<5
1,1,1-TRICHLOROETHANE	200	8,960	<2	<200	<2	<2	<2
1,1,2,2-TETRACHLOROETHANE	--	0.0553	<2	<200	<2	<2	<2
1,1,2-TRICHLOROETHANE	5	0.2	<2	<200	<2	<2	<2
1,1-DICHLOROETHANE	--	1220	<2	<200	**17**	<2	**2.3**
1,1-DICHLOROETHENE	7	339	<5	<500	<5	<5	<5
1,1-DICHLOROPROPENE	--	--	<2	<200	<2	<2	<2
1,2,3-TRICHLOROBENZENE	--	--	<5	<500	<5	**5.5**	<5
1,2,3-TRICHLOROPROPANE	--	0.0336	<10	<1,000	<10	<10	<10
1,2,4-TRICHLOROBENZENE	70	8.16	<5	<500	**15**	**9.8**	**7.8**
1,2,4-TRIMETHYLBENZENE	--	2.12	<2	<200	<2	<2	<2
1,2-DIBROMO-3-CHLOROPROPANE	0.2	0.0006	<5	<500	<5	<5	<5
1,2-DIBROMOETHANE	--	0.0056	<2	<200	<2	<2	<2
1,2-DICHLOROBENZENE	600	49.3	<2	<200	**9.8**	<2	**8.5**
1,2-DICHLOROETHANE	5	0.123	<2	<200	<2	<2	<2
1,2-DICHLOROPROPANE	5	0.165	<2	<200	<2	<2	<2
1,3,5-TRIMETHYLBENZENE	--	12.3	<2	<200	<2	<2	<2
1,3-DICHLOROBENZENE	--	14.5	<2	<200	<2	<2	<2
1,3-DICHLOROPROPANE	--	122	<2	<200	<2	<2	<2
1,4-DICHLOROBENZENE	75	0.467	<2	<200	**14**	<2	**11**
2,2-DICHLOROPROPANE	--	--	<2	<200	<2	<2	<2
2-CHLOROTOLUENE	--	122	<5	<500	<5	<5	<5
4-CHLOROTOLUENE	--	--	<5	<500	<5	<5	<5
BENZENE	5	0.354	<2	**33,000**	<2	<2	<2
BROMOBENZENE	--	23.3	<5	<500	<5	<5	<5
BROMOCHLOROMETHANE	--	--	<5	<500	<5	<5	<5
BROMODICHLOROMETHANE	80[a]	0.181	<2	<200	<2	<2	<2
BROMOFORM	80[a]	8.51	<5	<500	<5	<5	<5
BROMOMETHANE	--	8.66	<5	<500	<5	<5	<5
CARBON TETRACHLORIDE	5	0.171	<5	<500	<5	<5	<5
CHLOROBENZENE	100	89.6	<2	**16,000**	**8.4**	<2	<2
CHLOROETHANE	--	3.86	<5	<500	<5	<5	<5
CHLOROFORM	80[a]	0.167	**3.6**	<200	<2	<2	**2.0**
CHLOROMETHANE	--	188	<5	<500	<5	<5	<5
CIS-1,2-DICHLOROETHENE	70	60.8	<2	<200	<2	<2	<2
CIS-1,3-DICHLOROPROPENE	--	--	<2	<200	<2	<2	<2
DIBROMOCHLOROMETHANE	80[a]	0.133	<2	<200	<2	<2	<2
DIBROMOMETHANE	--	60.8	<2	<200	<2	<2	<2
DICHLORODIFLUOROMETHANE	--	395	<5	<500	<5	<5	<5
DIMETHYL DISULFIDE	--	--	<2	<200	<2	<2	<2
ETHYLBENZENE	700	1340	<2	<200	<2	<2	<2
HEXACHLOROBUTADIENE	--	0.862	<5	<500	<5	<5	<5
ISOPROPYLBENZENE	--	658	<2	<200	<2	<2	<2
M,P-XYLENE	10,000	208	<2	<200	<2	<2	<2

TABLE 1

RESULTS OF CONSENT ORDER MONITOR WELL GROUNDWATER SAMPLING

Parameter	Primary Maximum Contaminant Level	NDEP Basic Comparison Levels for Residential Water (unless noted)	H-18A 01/19/2009 REG	H-21R 01/19/2009 REG	H-49A 01/19/2009 REG	H-56A 01/19/2009 REG	H-58A 01/19/2009 REG
METHYLENE CHLORIDE	--	4.28	<5	<500	<5	<5	<5
N-BUTYLBENZENE	--	60.8	<5	<500	<5	<5	<5
N-PROPYLBENZENE	--	60.8	<2	<200	<2	<2	<2
NAPHTHALENE	--	6.2	<5	<500	<5	<5	<5
O-XYLENE	10,000	73,000	<2	<200	<2	<2	<2
P-ISOPROPYL TOLUENE	--	--	<2	<200	<2	<2	<2
SEC-BUTYLBENZENE	--	60.8	<5	<500	<5	<5	<5
STYRENE	--	1640	<2 M2R	<200	<2	<2	<2
TERT- BUTYLBENZENE	--	60.8	<5	<500	<5	<5	<5
TETRACHLOROETHENE	5	0.105	<2	<200	**4.7**	<2	<2
TOLUENE	1,000	2,280	<2	<200	<2	<2	<2
TRANS-1,2-DICHLOROETHENE	100	106	<2	<200	<2	<2	<2
TRANS-1,3-DICHLOROPROPENE	--	--	<2	<200	<2	<2	<2
TRICHLOROETHENE	5	0.028	<2	<200	**2.5**	<2	**2.2**
TRICHLOROFLUOROMETHANE	--	1,290	<5	<500	<5	<5	<5
VINYL CHLORIDE	2	0.0844	<5	<500	<5	<5	<5
CHLORINATED HYDROCARBONS (EPA 8270C)							
4-CHLOROPHENYL METHYL SULFIDE (P-CHLOROTHIOANISOLE)	--	--	<9.7	<19 RL3	<9.5	<9.5	<9.5
ORGANIC ACIDS (High Performance Liquid Chloromatography)							
4-CHLOROBENZENESULFONIC ACID	--	37,000[b]	**160**	**23,000**	NT	NT	NT
BENZENESULFONIC ACID	--	18,000[b]	**200**	**26,000**	NT	NT	NT
DIETHYL PHOSPHORODITHIOIC ACID	--	2,900[b]	<50	**170,000**	NT	NT	NT
DIMETHYL PHOSPHORODITHIOIC ACID	--	3,700[b]	<250	<250	NT	NT	NT
PHTHALIC ACID	--	73,000[b]	<50	<50	NT	NT	NT
CONSENT ORDER PESTICIDES (EPA 8141A)							
CARBOPHENOTHION (TRITHION)	--	--	<0.6	<0.6	NT	NT	NT
PHOSMET	--	--	<1.5	<1.5	NT	NT	NT

Footnote:

All concentrations are in micrograms per liter (µg/L)

a = Total Trihalomethanes

b = Human Health Toxicity Criteria developed for organic acids in drinking water (Integral,2006; NDEP, 2007)

ABBREVIATIONS AND QUALIFIERS:

M2 = The MS and/or MSD were below the acceptance limits due to sample matrix interference.

NT = Not Tested for analyte

R = The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.

REG = Regular Sample

RL3= Reporting limit raised due to high concentrations of non-target analytes.

TABLE 2

RESULTS OF INFLUENT AND EFFLUENT SAMPLING FOR FIRST QUARTER 2009

		ANALYTES, all concentrations in micrograms per liter								
SAMPLE IDENTIFIER (A)	WEEK ENDING	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	BENZENE	CHLOROBENZENE	CHLOROFORM	DIMETHYL DISULFIDE	p-CHLOROTHIOANISOLE
AIR STRIPPER INFLUENT	1/2/2009	<100	200	<40	320	6100	5100	640	<40	<9.4
	1/9/2009	<100	200	<40	330	5900	5300	650	<40	<9.4
	1/16/2009	75	190	<20	300	5200	4700	650	<20	<9.5
	1/23/2009	<100	180	<40	290	5300	4800	640	<40	<9.4
	1/30/2009	<100	190	<40	310	5900	5300	590	<40	<9.4
	2/4/2009**	<100	180	<40	280	5500	4600	730	<40	<9.4
	2/13/2009	<100	200	<40	320	6500	5400	670	<40	<9.4
	2/20/2009	<100	210	<40	330	5600	4600	630	<40	<9.4
	2/25/2009**	<200	220	<80	340	5300	4600	640	<80	<9.4
	3/6/2009	<100	200	<40	310	5700	4000	570	<40	<9.4
	3/13/2009	<100	220	<40	330	7100	5900	490	<40	<9.4
	3/20/2009	<100	170	<40	260	4800	4300	400	<40	<9.4
	3/26/2009	66	170	<20	250	5400	4600	480 M2	<20	<9.5
AIR STRIPPER EFFLUENT	1/2/2009	5.9	14	<2	14	76	120	13	5.1	NT
	1/9/2009	5.9	14	<2	13	49	100	12	5.3	NT
	1/16/2009	6	14	<2	13	44	96	13	4.8	NT
	1/23/2009	5.6	13	<2	12	44	96	13	6.1	NT
	1/30/2009	<5	10	<2	9.6	35	78	8.1	5.2	NT
	2/4/2009**	6.7	14	<2	13	52	100	16	3.8	NT
	2/13/2009	8.5	20	<2	19	110	200	21	6.5	NT
	2/20/2009	6.8	15	<2	14	58	110	13	8.2	NT
	2/25/2009**	8.6	19	<2	18	78	150	18	7.1	NT
	3/6/2009	8.6	19	<2	18	79	140	17	7.4	NT
	3/13/2009	7.3	17	<2	16	63	120	13	4.1	NT
	3/20/2009	8.7	20	<2	19	91	160	16	9.1	NT
	3/26/2009	7.6	18	<2	17	76	130	18	6.2	NT

See Page 2 for Footnotes

TABLE 2

RESULTS OF INFLUENT AND EFFLUENT SAMPLING FOR FIRST QUARTER 2009

		ANALYTES, all concentrations in micrograms per liter								
SAMPLE IDENTIFIER (A)	WEEK ENDING	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	BENZENE	CHLOROBENZENE	CHLOROFORM	DIMETHYL DISULFIDE	p-CHLOROTHIOANISOLE
LGAC DISCHARGE	1/2/2009	<5	<2	<2	<2	<2	<2	3.6	<2	<9.4
	1/9/2009	<5	<2	<2	<2	<2	<2	8.5	<2	<9.4
	1/16/2009	<5	<2	<2	<2	<2	<2	10	<2	<9.5
	1/23/2009	<5	<2	<2	<2	<2	<2	11	<2	<9.4
	1/30/2009	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	2/4/2009**	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	2/13/2009	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	2/20/2009	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	2/25/2009**	<5	<2	<2	<2	<2	<2	2.0	<2	<9.4
	3/6/2009	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	3/13/2009	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	3/20/2009	<5	<2	<2	<2	<2	<2	<2	<2	<9.4
	3/26/2009	<5	<2	<2	<2	<2	<2	4.0	<2	<9.5
	Maximum Contaminant Level	70	600	--	75	5	100	80*	--	--
	NDEP Basic Comparison Levels for Residential Water	8.2	49	15	0.47	0.35	90	0.17	--	--
	Consent Order Discharge Limits:									
	Weekly Maximum	140	140	50	160	200	250	500	120	150
	Monthly Average	70	70	25	80	100	125	250	60	75

Note: Refer to main text, Section 3.0, for a complete description of system operations during the quarter.

Footnote:

-- = not established
* = Maximum Contaminant Level for Total Trihalomethanes (TTHMs) = total of concentrations of chloroform+ bromodichloromethane+ dibromochloromethane+ bromoform
** = Composite samples collected on Monday and Wednesday only due to work on the LGAC system
< = Less than; numerical value is limit of detection for analyte
A = Refer to Figure 3 for sampling port locations
LGAC = Liquid-Phase Granular Activated Carbon
NT = not taken
M2 = The MS and/or MSD were below the acceptance limits due to sample matrix interference.

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TABLE 3

RESULTS OF LGAC INFLUENT AND LGAC DISCHARGE PESTICIDE SAMPLING FOR FIRST QUARTER 2009

		ANALYTES, all concentrations in micrograms per liter			
SAMPLE IDENTIFIER (A)	SAMPLE DATE	ALPHA-BHC	BETA-BHC	DELTA-BHC	GAMMA-BHC (LINDANE)
LGAC INFLUENT	01/05/2009	**21.6**	**14.4**	**2.70**	**0.613**
	01/12/2009	**21.6**	**14.3**	**2.85**	**0.653**
	01/21/2009	**20.8**	**13.9**	**2.80**	**0.629**
	01/30/2009	**20.7**	**13.9**	**2.76**	**0.649**
	02/06/2009	**23.5**	**15.8**	**2.84**	**0.726**
	02/13/2009	**20.6**	**13.8**	**2.86**	**0.629**
	02/20/2009	**20.0**	**12.9**	**2.80**	**0.597**
	02/25/2009	**19.9**	**13.4**	**2.76**	**0.584**
	03/06/2009	**20.2**	**13.5**	**2.78**	**0.590**
	03/13/2009	**21.9**	**14.5**	**3.07**	**0.639**
	03/20/2009	**21.0**	**13.9**	**2.70**	**0.580**
	03/26/2009	**21.6**	**13.5**	**2.71**	**0.628**
LGAC DISCHARGE	01/05/2009	**0.100**	**0.132**	<.01	<.01
	01/12/2009	**0.886**	**0.638**	**0.103**	**0.024**
	01/21/2009	**1.44**	**0.876**	**0.119**	**0.035**
	01/30/2009	**0.100**	**0.061**	<.01	<.01
	02/06/2009	**0.225**	**0.128**	**0.010**	**0.006**
	02/13/2009	**1.10**	**0.647**	**0.086**	**0.028**
	02/20/2009	**2.08**	**1.19**	**0.163**	**0.053**
	02/25/2009	**2.69**	**1.66**	**0.236**	**0.066**
	03/06/2009	**0.096**	**0.056**	<.01	<.01
	03/13/2009	**0.097**	**0.054**	<.01	<.01
	03/20/2009	**0.619**	**0.330**	**0.044**	**0.012**
	03/26/2009	**1.09**	**0.577**	**0.056**	**0.020**
	Maximum Contaminant Level	--	--	--	0.2
	NDEP Basic Comparison Levels for Residential Water	0.0107	0.0374	--	0.0517

Note: Refer to main text, Section 3.0, for a complete description of system operations during the quarter.

Footnote:

-- = not established
< = Less than; numerical value is limit of detection for analyte
A = Refer to Figure 3 for sampling port locations
LGAC = Liquid-Phase Granular Activated Carbon

TABLE 4
VOLATILE ORGANIC COMPOUND MASS REMOVAL FOR FIRST QUARTER 2009

Week Ending	Water Treated, Gallons	Average Flow, Gallons per minute	Removal (total pounds)	VOCs Treated by SWT	VOCs Treated by Activated Carbon Polishing	VOCs Treated by Air Stripper	Comments
01/02/2009	2,139,290	212	220.5	0	4.4	216.1	SWT not used during this quarter
01/09/2009	2,087,350	207	215.3	0	3.3	212.0	
01/16/2009	2,199,920	218	203.7	0	3.3	200.4	
01/23/2009	1,890,300	188	176.5	0	2.8	173.7	
01/30/2009	2,149,130	213	220.3	0	2.6	217.7	
2/4/2009*	1,473,320	205	138.7	0	2.5	136.2	
02/13/2009	2,361,290	182	257.8	0	7.6	250.2	
02/20/2009	2,144,930	213	203.4	0	4.0	199.4	
2/25/2009*	1,408,380	196	130.4	0	3.5	126.9	
03/06/2009	2,766,130	213	248.7	0	6.7	242.0	
03/13/2009	1,671,350	166	195.8	0	3.4	192.4	
03/20/2009	2,100,310	208	174.0	0	5.7	168.3	
03/26/2009	1,746,800	202	159.7	0	3.9	155.8	
TOTALS	**26,138,500**		**2,545**	**0**	**53.7**	**2,491**	

VOCs = Volatile organic compounds
SWT = Selected wellhead treatment
* = Composite samples collected on Monday and Wednesday due to work on the LGAC system

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TABLE 5

RESULTS OF TRANSECT MONITOR WELL GROUNDWATER SAMPLING

Parameter	Primary Maximum Contaminant Level	NDEP Basic Comparison Levels for Residential Water	MC-46 01/20/2009 REG	MC-47 01/20/2009 REG	MC-48 01/20/2009 REG	MC-49 01/20/2009 REG	MC-50 01/21/2009 REG	MC-51 01/21/2009 REG	MC-53 01/21/2009 REG	MC-113 01/22/2009 REG	MC-114 01/22/2009 REG
VOCs (EPA 8260B)											
1,1,1,2-TETRACHLOROETHANE	--	0.432	<5	<5	<5	<5	<5	<5	<5	<5	<50
1,1,1-TRICHLOROETHANE	200	8960	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,1,2,2-TETRACHLOROETHANE	--	0.0553	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,1,2-TRICHLOROETHANE	5	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,1-DICHLOROETHANE	--	1220	<2	**3.4**	**2.3**	**5.2**	<2	<2	**2.4**	<2	**26**
1,1-DICHLOROETHENE	7	339	<5	<5	<5	<5	<5	<5	<5	<5	<50
1,1-DICHLOROPROPENE	--	--	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,2,3-TRICHLOROBENZENE	--	--	<5	<5	<5	<5	<5	<5	<5	<5	<50
1,2,3-TRICHLOROPROPANE	--	0.0336	<10	<10	<10	<10	<10	<10	<10	<10	<100
1,2,4-TRICHLOROBENZENE	70	8.16	<5	<5	**7**	**13**	**6.8**	<5	<5	**5.5**	<50
1,2,4-TRIMETHYLBENZENE	--	2.12	<2	<2	<2	<2	<2	<2	<2	<2	<20
CHLOROPROPANE	0.2	0.0006	<5	<5	<5	<5	<5	<5	<5	<5	<50
1,2-DIBROMOETHANE	--	0.0056	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,2-DICHLOROBENZENE	600	49.3	<2	<2	**7.5**	**29**	**6.7**	<2	<2	**2.7**	**21**
1,2-DICHLOROETHANE	5	0.123	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,2-DICHLOROPROPANE	5	0.165	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,3,5-TRIMETHYLBENZENE	--	12.3	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,3-DICHLOROBENZENE	--	14.5	<2	<2	<2	**<2**	<2	<2	<2	<2	<20
1,3-DICHLOROPROPANE	--	122	<2	<2	<2	<2	<2	<2	<2	<2	<20
1,4-DICHLOROBENZENE	75	0.467	**3.1**	<2	**11**	**43**	**10**	<2	<2	**4.2**	**26**
2,2-DICHLOROPROPANE	--	--	<2	<2	<2	<2	<2	<2	<2	<2	<20
2-CHLOROTOLUENE	--	122	<5	<5	<5	<5	<5	<5	<5	<5	<50
4-CHLOROTOLUENE	--	--	<5	<5	<5	<5	<5	<5	<5	<5	<50
BENZENE	5	0.354	<2	**3.5**	<2	**5.0**	**88**	<2	<2	<2	**2,000**
BROMOBENZENE	--	23.3	<5	<5	<5	<5	<5	<5	<5	<5	<50
BROMOCHLOROMETHANE	--	--	<5	<5	<5	<5	<5	<5	<5	<5	<50
BROMODICHLOROMETHANE	80[a]	0.181	<2	<2	<2	<2	<2	<2	<2	<2	<20
BROMOFORM		8.51	<5	<5	<5	<5	<5	<5	<5	<5	<50
CHLOROFORM		0.167	<2	**11**	<2	<2	**3.4**	**6.1**	**9.3**	<2	<20
DIBROMOCHLOROMETHANE		0.133	<2	<2	<2	<2	<2	<2	<2	<2	<20
BROMOMETHANE	--	8.66	<5	<5	<5	<5	<5	<5	<5	<5	<50
CARBON TETRACHLORIDE	5	0.171	<5	<5	<5	<5	<5	<5	<5	<5	<50
CHLOROBENZENE	100	89.6	<2	**2.7**	**21**	**210**	**91**	<2	<2	<2	**1,600**
CHLOROETHANE	--	3.86	<5	<5	<5	<5	<5	<5	<5	<5	<50
CHLOROMETHANE	--	188	<5	<5	<5	<5	<5	<5	<5	<5	<50
CIS-1,2-DICHLOROETHENE	70	60.8	<2	<2	<2	<2	<2	<2	<2	<2	<20
CIS-1,3-DICHLOROPROPENE	--	--	<2 M1	<2	<2	<2	<2	<2	<2	<2	<20

TABLE 5

RESULTS OF TRANSECT MONITOR WELL GROUNDWATER SAMPLING

Parameter	Primary Maximum Contaminant Level	NDEP Basic Comparison Levels for Residential Water	MC-46 01/20/2009 REG	MC-47 01/20/2009 REG	MC-48 01/20/2009 REG	MC-49 01/20/2009 REG	MC-50 01/21/2009 REG	MC-51 01/21/2009 REG	MC-53 01/21/2009 REG	MC-113 01/22/2009 REG	MC-114 01/22/2009 REG
DIBROMOMETHANE	--	60.8	<2	<2	<2	<2	<2	<2	<2	<2	<20
DICHLORODIFLUOROMETHANE	--	395	<5	<5	<5	<5	<5	<5	<5	<5	<50
DIMETHYL DISULFIDE	--	--	<2	<2	<2	<2	<2	<2	<2	<2	<20
ETHYLBENZENE	700	1340	<2	<2	<2	<2	<2	<2	<2	<2	<20
HEXACHLOROBUTADIENE	--	0.862	<5	<5	<5	<5	<5	<5	<5	<5	<50
ISOPROPYLBENZENE	--	658	<2	<2	<2	<2	<2	<2	<2	<2	<20
M,P-XYLENE	10000	208	<2	<2	<2	<2	<2	<2	<2	<2	<20
METHYLENE CHLORIDE	--	4.28	<5	<5	<5	<5	<5	<5	<5	<5	<50
N-BUTYLBENZENE	--	60.8	<5	<5	<5	<5	<5	<5	<5	<5	<50
N-PROPYLBENZENE	--	60.8	<2	<2	<2	<2	<2	<2	<2	<2	<20
NAPHTHALENE	--	6.2	<5	<5	<5	<5	<5	<5	<5	<5	<50
O-XYLENE	10000	73000	<2	<2	<2	<2	<2	<2	<2	<2	<20
P-ISOPROPYL TOLUENE	--	--	<2	<2	<2	<2	<2	<2	<2	<2	<20
SEC-BUTYLBENZENE	--	60.8	<5	<5	<5	<5	<5	<5	<5	<5	<50
STYRENE	--	1640	<2 M2	<2	<2	<2	<2	<2	<2	<2	<20
TERT- BUTYLBENZENE	--	60.8	<5	<5	<5	<5	<5	<5	<5	<5	<50
TETRACHLOROETHENE	5	0.105	<2	<2	<2	<2	<2	<2	**2.5**	<2	<20
TOLUENE	1000	2280	<2	<2	<2	<2	<2	<2	<2	<2	<20
TRANS-1,2-DICHLOROETHENE	100	106	<2	<2	<2	<2	<2	<2	<2	<2	<20
TRANS-1,3-DICHLOROPROPENE	--	--	<2	<2	<2	<2	<2	<2	<2	<2	<20
TRICHLOROETHENE	5	0.028	<2	<2	<2	<2	<2	<2	<2	<2	<20
TRICHLOROFLUOROMETHANE	--	1290	<5	<5	<5	<5	<5	<5	<5	<5	<50
VINYL CHLORIDE	2	0.0844	<5	<5	<5	<5	<5	<5	<5	<5	<50
ORGANOCHLORINE PESTICIDES (EPA 8081A)											
2,4'-DDD	--	--	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
2,4'-DDE	--	--	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
2,4'-DDT	--	--	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
4,4'-DDD	--	0.28	<0.094 C-1	<0.094 C-1	<0.094 C-1	<0.094 C-1	<0.094 C-1	<0.094 C-1	<0.094 C-1	<0.094	<0.094
4,4'-DDE	--	0.198	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
4,4'-DDT	--	0.198	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
ALDRIN	--	0.00395	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
ALPHA-BHC	--	0.0107	**0.71**	**0.11**	**2.3**	**3.4**	**1.8**	**0.23**	**0.29**	**1.0**	**3.8**
BETA-BHC	--	0.0374	**7.5**	**3.0**	**7.6**	**8.8**	**11**	**7.1**	**1.6**	**11**	**4.6**
CHLORDANE	2	0.192	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
DELTA-BHC	--	--	**0.86**	**0.82**	**1.1**	**1.2**	**0.81**	**1.6**	**0.44**	**0.64**	**4.0**
DIELDRIN	--	0.0042	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
ENDOSULFAN II	--	219	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
ENDOSULFAN I	--	219	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094

HARGIS + ASSOCIATES, INC.

TABLE 5

RESULTS OF TRANSECT MONITOR WELL GROUNDWATER SAMPLING

Parameter	Primary Maximum Contaminant Level	NDEP Basic Comparison Levels for Residential Water	MC-46 01/20/2009 REG	MC-47 01/20/2009 REG	MC-48 01/20/2009 REG	MC-49 01/20/2009 REG	MC-50 01/21/2009 REG	MC-51 01/21/2009 REG	MC-53 01/21/2009 REG	MC-113 01/22/2009 REG	MC-114 01/22/2009 REG
ENDOSULFAN SULFATE	--	--	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
ENDRIN ALDEHYDE	--	--	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
ENDRIN KETONE	--	--	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
ENDRIN	2	11	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
GAMMA-BHC (LINDANE)	0.2	0.0517	<0.094	<0.094	<0.094	<0.094	**0.14**	<0.094	<0.094	<0.094	**0.3**
HEPTACHLOR EPOXIDE	0.2	0.00739	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
HEPTACHLOR	0.4	0.0149	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
METHOXYCHLOR	40	183	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094
TOXAPHENE	3	0.0611	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7

Footnote: Concentrations are in micrograms per liter (µg/l)

a = Total Trihalomethanes

ABBREVIATIONS AND QUALIFIERS:

C-1 Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria.

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference.

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference.

REG Regular Sample

TABLE 6
WATER LEVEL DATA

WELL IDENTIFIER	DATE MEASURED	MEASURING POINT ELEVATION FEET AMSL	DEPTH TO WATER FEET BMP	GROUNDWATER ELEVATION FEET AMSL
SHALLOW ZONE				
EC-01	1/28/2009	1771.11	54.36	1716.75
EC-02	1/28/2009	1771.43	56.20	1715.23
E-N	1/27/2009	1722.39	34.14	1688.25
E-S	1/27/2009	1727.36	38.03	1689.33
H-10A	1/28/2009	1705.96	32.90	1673.06
H-14	1/28/2009	1709.57	13.93	1695.64
H-18A	1/19/2009	1726.36	28.71	1697.65
H-19	1/27/2009	1730.64	31.78	1698.86
H-21R	1/19/2009	1730.35	32.07	1698.28
H-25	1/28/2009	1707.51	12.61	1694.90
H-28	1/28/2009	1732.90	39.05	1693.85
H-36C	1/27/2009	1717.30	28.21	1689.09
H-43	1/27/2009	1731.22	32.62	1698.60
H-49A	1/19/2009	1687.96	26.40	1661.56
H-53	1/27/2009	1715.25	25.35	1689.90
H-54	1/27/2009	1723.35	35.16	1688.19
H-55	1/28/2009	1752.15	41.27	1710.88
H-56A	1/19/2009	1684.13	23.87	1660.26
H-57	1/27/2009	1723.00	34.47	1688.53
H-58A	1/19/2009	1693.43	29.60	1663.83
MC-03	1/27/2009	1725.73	34.33	1691.40
MC-05	1/27/2009	1715.84	28.47	1687.37
MC-06	1/27/2009	1712.17	27.06	1685.11
MC-07	1/27/2009	1718.66	26.94	1691.72
MC-08	1/27/2009	1719.65	25.91	1693.74
MC-09	1/28/2009	1716.34	28.91	1687.43
MC-100	1/27/2009	1723.94	35.34	1688.60
MC-101	1/27/2009	1722.95	34.61	1688.34
MC-102	1/27/2009	1719.94	31.73	1688.21
MC-103	1/27/2009	1716.92	24.03	1692.89
MC-104	1/27/2009	1715.61	27.16	1688.45
MC-105	1/27/2009	1714.95	22.44	1692.51
MC-106	1/27/2009	1717.79	27.60	1690.19
MC-107	1/27/2009	1717.68	27.02	1690.66
MC-108	1/27/2009	1717.57	26.37	1691.20
MC-109	1/27/2009	1723.16	34.75	1688.41
MC-110	1/27/2009	1727.02	38.19	1688.83
MC-111	1/27/2009	1726.50	37.18	1689.32
MC-113	1/22/2009	1705.34	23.80	1681.54
MC-114	1/22/2009	1706.92	26.65	1680.27
MC-21	1/27/2009	1713.64	20.81	1692.83
MC-22	1/27/2009	1715.01	24.41	1690.60
MC-23	1/27/2009	1715.14	25.37	1689.77
MC-24	1/27/2009	1714.84	25.37	1689.47
MC-25	1/27/2009	1716.26	26.24	1690.02
MC-26	1/27/2009	1717.60	27.19	1690.41

TABLE 6
WATER LEVEL DATA

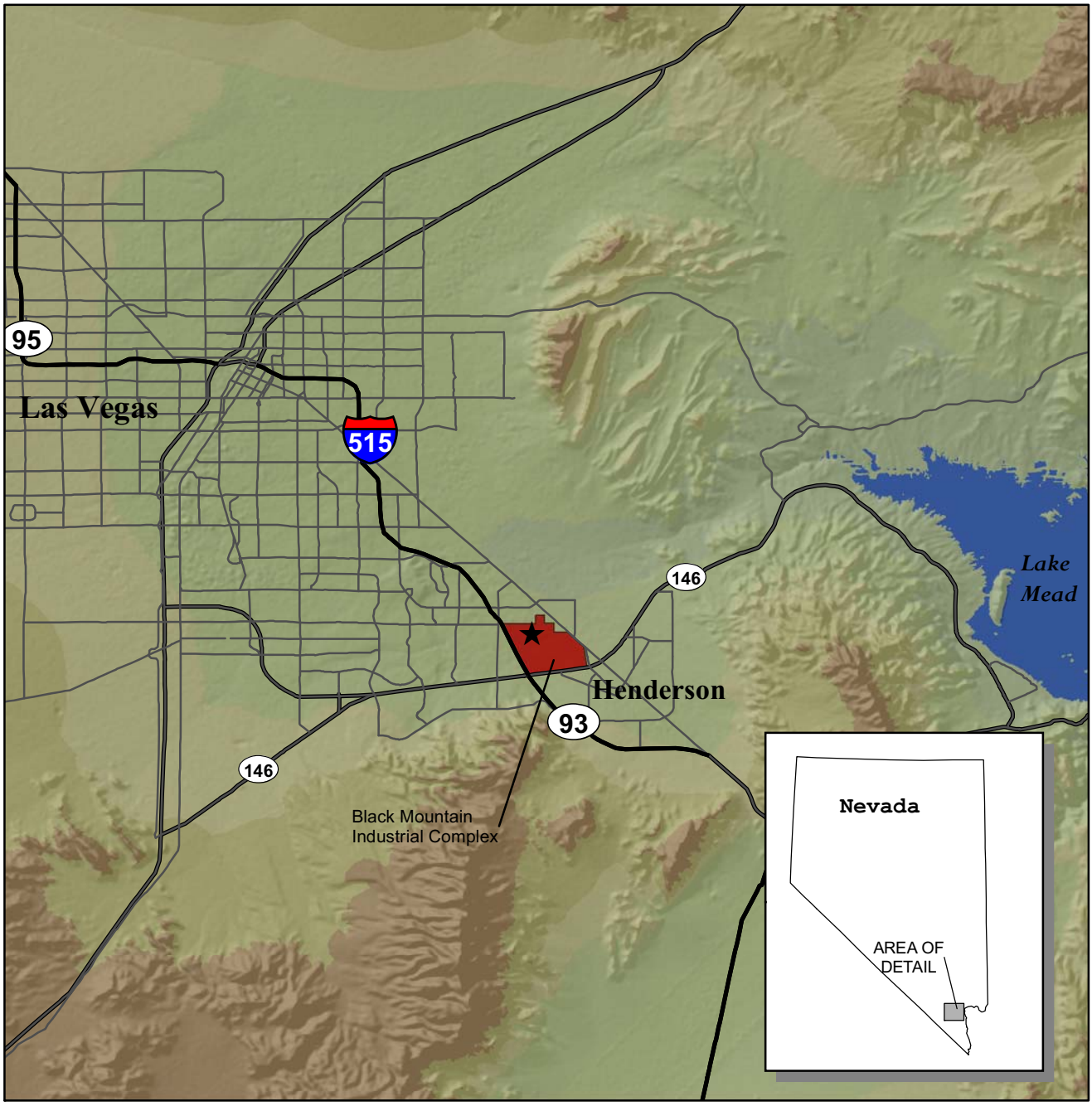
WELL IDENTIFIER	DATE MEASURED	MEASURING POINT ELEVATION FEET AMSL	DEPTH TO WATER FEET BMP	GROUNDWATER ELEVATION FEET AMSL
MC-27	1/27/2009	1721.29	33.34	1687.95
MC-28	1/27/2009	1721.92	33.79	1688.13
MC-29	1/27/2009	1723.40	34.15	1689.25
MC-30	1/27/2009	1725.38	37.00	1688.38
MC-31	1/27/2009	1725.73	36.93	1688.80
MC-32	1/27/2009	1725.73	DRY	NA
MC-33	1/28/2009	1720.22	24.32	1695.90
MC-35	1/27/2009	1716.18	26.20	1689.98
MC-36	1/27/2009	1715.42	25.49	1689.93
MC-37	1/27/2009	1715.67	25.86	1689.81
MC-38	1/27/2009	1715.13	25.54	1689.59
MC-40	1/27/2009	1721.70	33.31	1688.39
MC-41	1/27/2009	1722.24	33.91	1688.33
MC-42	1/28/2009	1722.60	34.31	1688.29
MC-45	1/27/2009	1710.98	27.27	1683.71
MC-45A	1/27/2009	1709.58	25.90	1683.68
MC-46	1/20/2009	1710.95	24.60	1686.35
MC-47	1/27/2009	1710.36	34.47	1675.89
MC-48	1/27/2009	1709.90	30.00	1679.90
MC-49	1/27/2009	1710.08	28.14	1681.94
MC-50	1/21/2009	1713.32	28.44	1684.88
MC-51	1/21/2009	1715.88	29.50	1686.38
MC-52	1/28/2009	1715.88	30.08	1685.80
MC-53	1/21/2009	1715.27	30.28	1684.99
MC-55	1/28/2009	1720.93	DRY	NA
MC-56	1/28/2009	1718.43	30.80	1687.63
MC-58	1/28/2009	1712.67	26.77	1685.90
MC-59	1/28/2009	1725.00	DRY	NA
MC-60	1/28/2009	1703.26	DRY	NA
MC-61	1/28/2009	1706.36	31.90	1674.46
MC-62	1/28/2009	1700.54	31.82	1668.72
MC-63	1/28/2009	1699.33	30.45	1668.88
MC-65	1/28/2009	1705.43	33.38	1672.05
MC-66	1/28/2009	1702.41	32.19	1670.22
MC-68	1/27/2009	1720.78	32.67	1688.11
MC-69	1/27/2009	1718.66	30.22	1688.44
MC-70	1/28/2009	1722.64	DRY	NA
MC-71	1/27/2009	1711.04	34.68	1676.36
MC-72	1/27/2009	1710.06	DRY	NA
MC-73	1/27/2009	1710.81	DRY	NA
MC-77	1/27/2009	1717.54	23.75	1693.79
MC-78	1/27/2009	1719.12	26.03	1693.09
MC-81	1/27/2009	1725.03	28.37	1696.66
MC-83	1/27/2009	1716.08	25.34	1690.74
MC-84	1/27/2009	1714.61	23.48	1691.13
MC-85	1/27/2009	1713.24	22.95	1690.29
MC-87	1/27/2009	1713.67	27.18	1686.49
MC-89	1/27/2009	1715.49	24.11	1691.38
MC-90	1/27/2009	1713.10	28.13	1684.97
MC-92	1/27/2009	1713.99	28.80	1685.19
MC-93	1/28/2009	1719.26	31.82	1687.44
MC-94	1/28/2009	1720.78	32.90	1687.88
MC-95	1/28/2009	1719.35	31.87	1687.48
MC-96	1/28/2009	1715.71	28.45	1687.26
MC-97	1/27/2009	1723.95	35.23	1688.72
MC-98	1/27/2009	1722.42	34.17	1688.25
OLD WELL-E	1/28/2009	1721.02	33.30	1687.72

TABLE 6
WATER LEVEL DATA

WELL IDENTIFIER	DATE MEASURED	MEASURING POINT ELEVATION FEET AMSL	DEPTH TO WATER FEET BMP	GROUNDWATER ELEVATION FEET AMSL
OLD WELL-H	1/27/2009	1724.11	35.97	1688.14
TMW-01	1/27/2009	1713.43	24.68	1688.75
TMW-02	1/27/2009	1713.80	24.38	1689.42
TMW-03	1/27/2009	1724.01	35.66	1688.35
TMW-04	1/27/2009	1724.02	35.64	1688.38
WELL-A	1/27/2009	1714.70	24.17	1690.53
WELL-B	1/27/2009	1717.46	34.21	1683.25
WELL-C	1/27/2009	1717.24	35.41	1681.83
WELL-D	1/28/2009	1720.46	31.90	1688.56
WELL-D2	1/27/2009	1720.53	39.45	1681.08
WELL-E3	1/27/2009	1721.46	40.65	1680.81
WELL-F	1/27/2009	1723.01	40.69	1682.32
WELL-G	1/27/2009	1724.26	46.05	1678.21
WELL-H2	1/27/2009	1725.49	47.78	1677.71
WELL-I	1/27/2009	1726.68	39.70	1686.98
WELL-J	1/27/2009	1718.43	33.72	1684.71
WELL-K2	1/27/2009	1725.73	38.87	1686.86
WELL-L	1/27/2009	1722.73	42.22	1680.51
WELL-M2	1/27/2009	1726.87	44.23	1682.64
W-N	1/27/2009	1716.93	26.96	1689.97
W-S	1/27/2009	1718.94	26.07	1692.87

ABBREVIATIONS:

AMSL = Above mean sea level
BMP = Below measuring point
NA = Not Applicable



Legend

Site

★ Groundwater Treatment System

N

0 2.5 5 Miles

GROUNDWATER TREATMENT SYSTEM
HENDERSON, NEVADA

HENDERSON GROUNDWATER TREATMENT SYSTEM LOCATION

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FIGURE 1

PREP BY: JWM REV BY: BRW	DATE: 2/5/2009 FILE: Fig 1.mxd	PROJECT: 1012.11

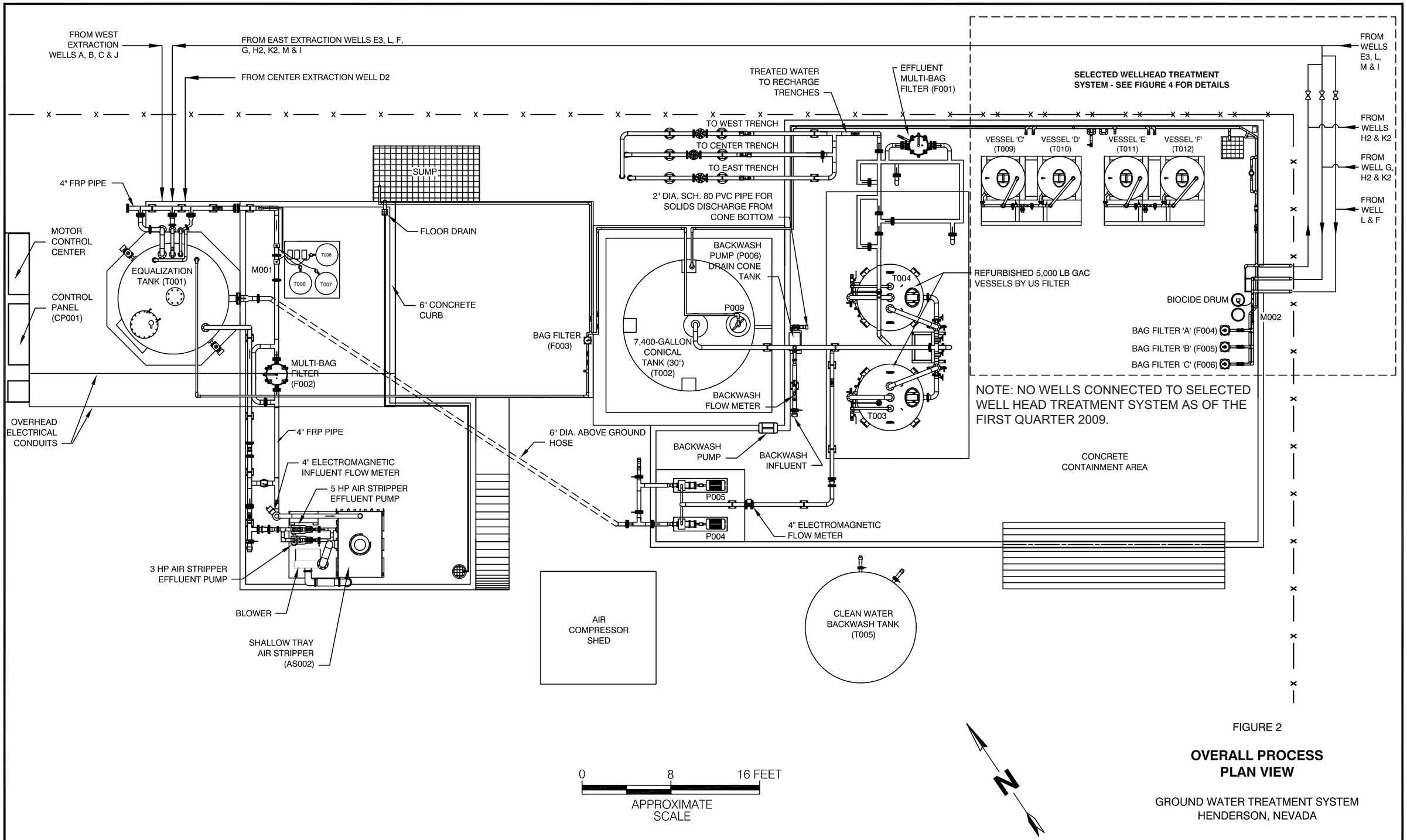
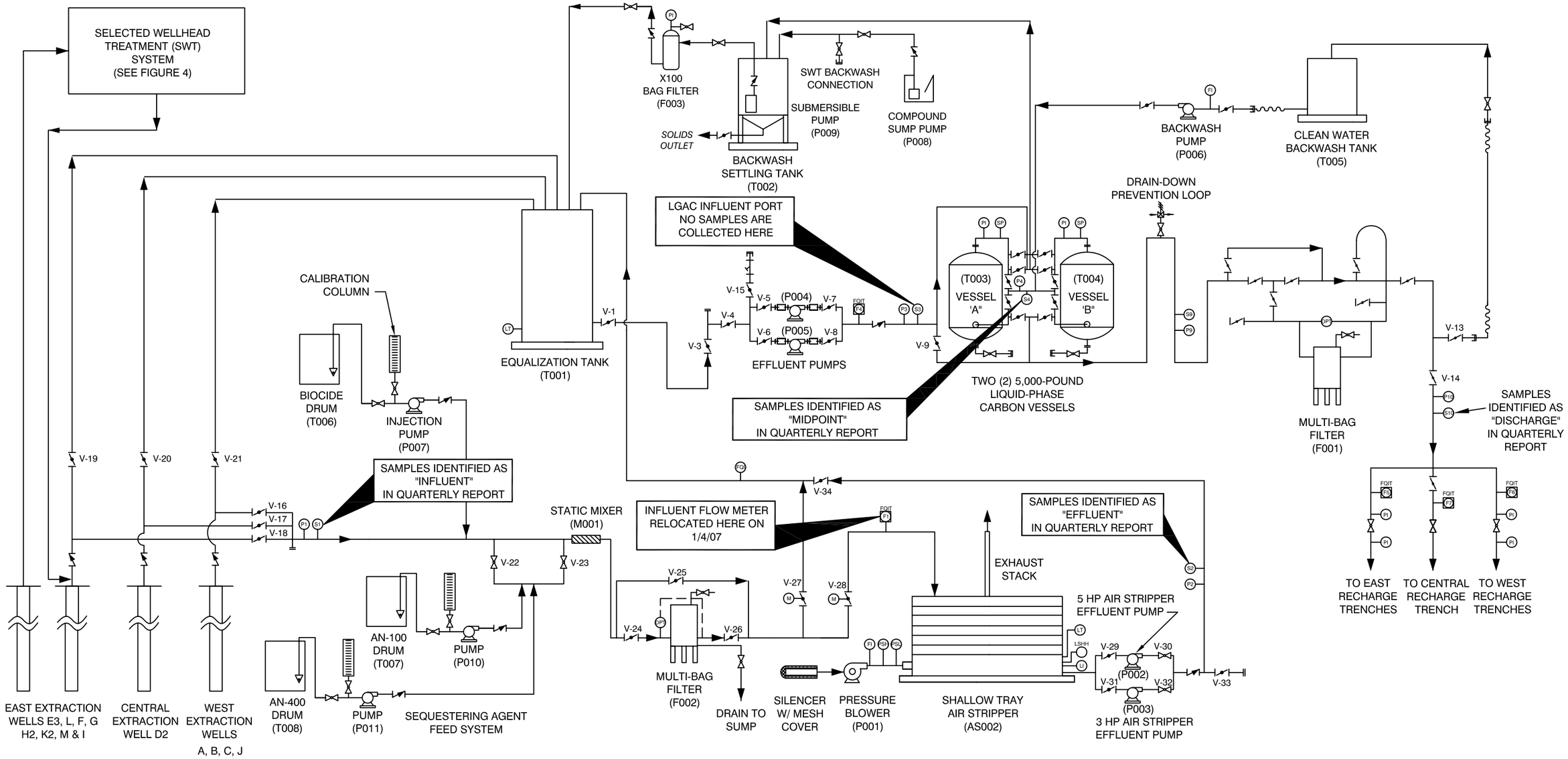


FIGURE 2

OVERALL PROCESS PLAN VIEW

GROUND WATER TREATMENT SYSTEM
HENDERSON, NEVADA

REVISION DATE: 05/13/2009



EXPLANATION

DP	DIFFERENTIAL PRESSURE TRANSMITTER	LSHH	LEVEL SWITCH HIGH HIGH		GATE VALVE
PSL	LOW PRESSURE SWITCH	LI	LEVEL INDICATOR		CONTROL VALVE
PSH	HIGH PRESSURE SWITCH	S1	SAMPLE PORT	M	ELECTRIC MOTOR ACTUATED VALVE
PI	PRESSURE INDICATOR		CHECK VALVE		HOSE CONNECTION
PI	PRESSURE INDICATOR	V-1	BUTTERFLY VALVE		TRANSFER PUMP
FQIT	FLOW INDICATING TRANSMITTER	V-22	BALL VALVE		
LT	LEVEL TRANSMITTER		GLOBE VALVE		

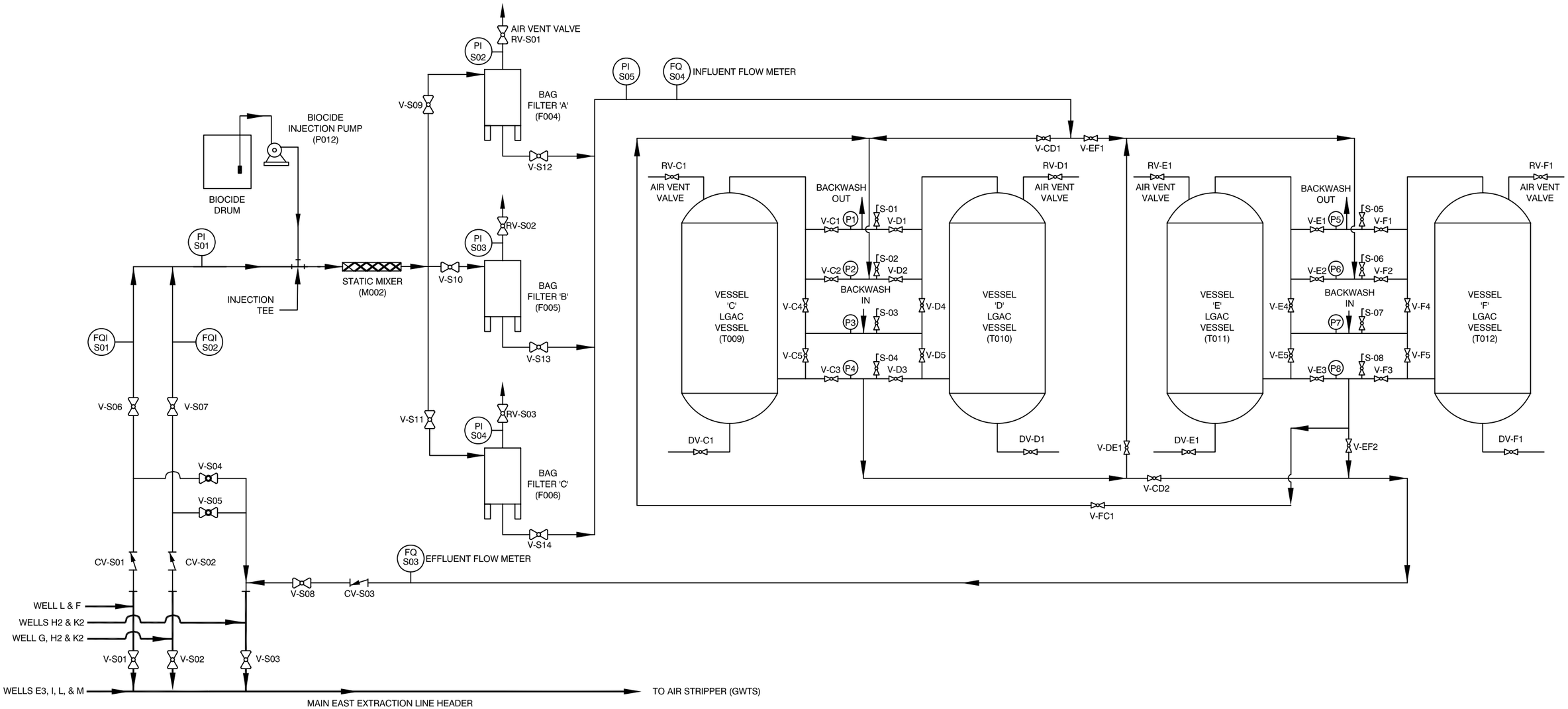
NOTE: NO WELLS CONNECTED TO SELECTED WELL HEAD TREATMENT SYSTEM AS OF THE FIRST QUARTER 2009.

REVISION DATE: 05/13/2009

FIGURE 3

OVERALL PROCESS FLOW DIAGRAM

GROUND WATER TREATMENT SYSTEM
HENDERSON, NEVADA



EXPLANATION

BALL VALVE	PI — PRESSURE GAUGE
CHECK VALVE	FQ — FLOW TOTALIZER
GLOBE VALVE	FQI — FLOW INDICATOR TOTALIZER
S — SAMPLING PORT	

NOTE: NO WELLS CONNECTED TO SELECTED WELL HEAD TREATMENT SYSTEM AS OF THE FIRST QUARTER 2009.

FIGURE 4

SELECTED WELLHEAD TREATMENT (SWT) PROCESS FLOW DIAGRAM

GROUND WATER TREATMENT SYSTEM
HENDERSON, NEVADA

REVISION DATE: 05/13/2009

MWs and GWTS Components.mxd 03/26/2009

Air Photo date: 2008

0 250 500 Feet

FIGURE 5.
MONITOR WELLS AND GROUNDWATER TREATMENT SYSTEM COMPONENTS

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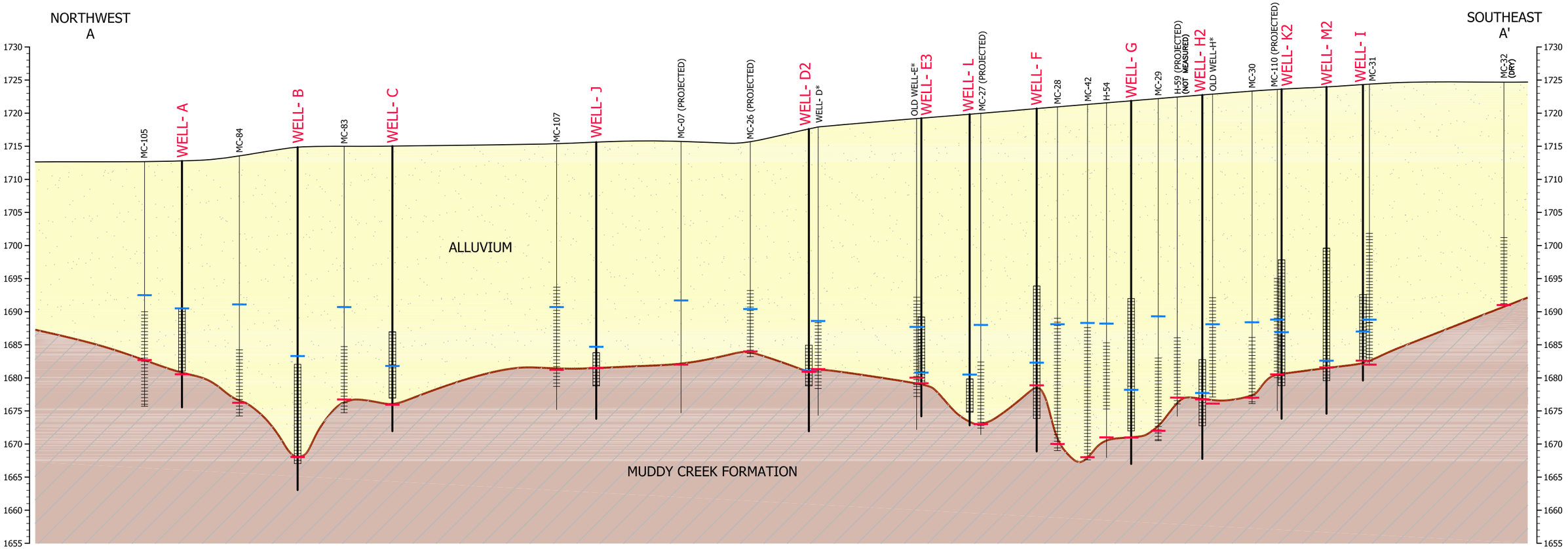
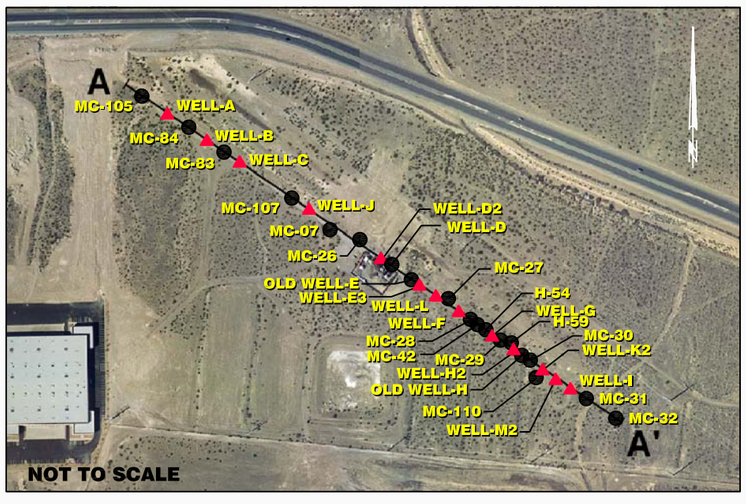
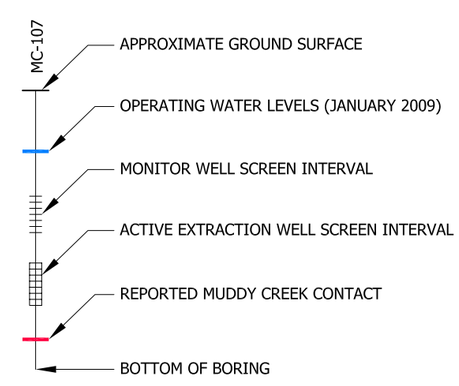


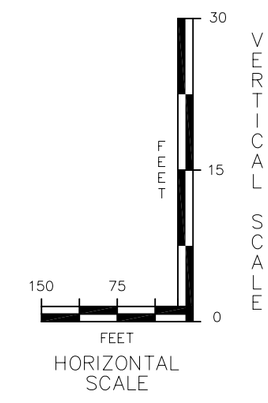


CROSS SECTION LOCATION

EXPLANATION

- QUATERNARY ALLUVIUM
- TERTIARY MUDDY CREEK FORMATION
- APPROXIMATE GROUND SURFACE
- APPROXIMATE CONTACT
- MONITOR WELL
- EXTRACTION WELL
- * DENOTES INACTIVE EXTRACTION WELL





04/09	RPT NO. 1012.11	310-0941	A

HARGIS + ASSOCIATES, INC.
Hydrogeology/Engineering

FIGURE 6. HYDROGEOLOGIC CROSS-SECTION A-A' AT THE GROUNDWATER TREATMENT SYSTEM

Apr 20, 2009 – 10:41am ade – T:\2009\1000-1100\1012 Montrose Henderson\Hydrogeology\X-Sections\310-0941.dwg

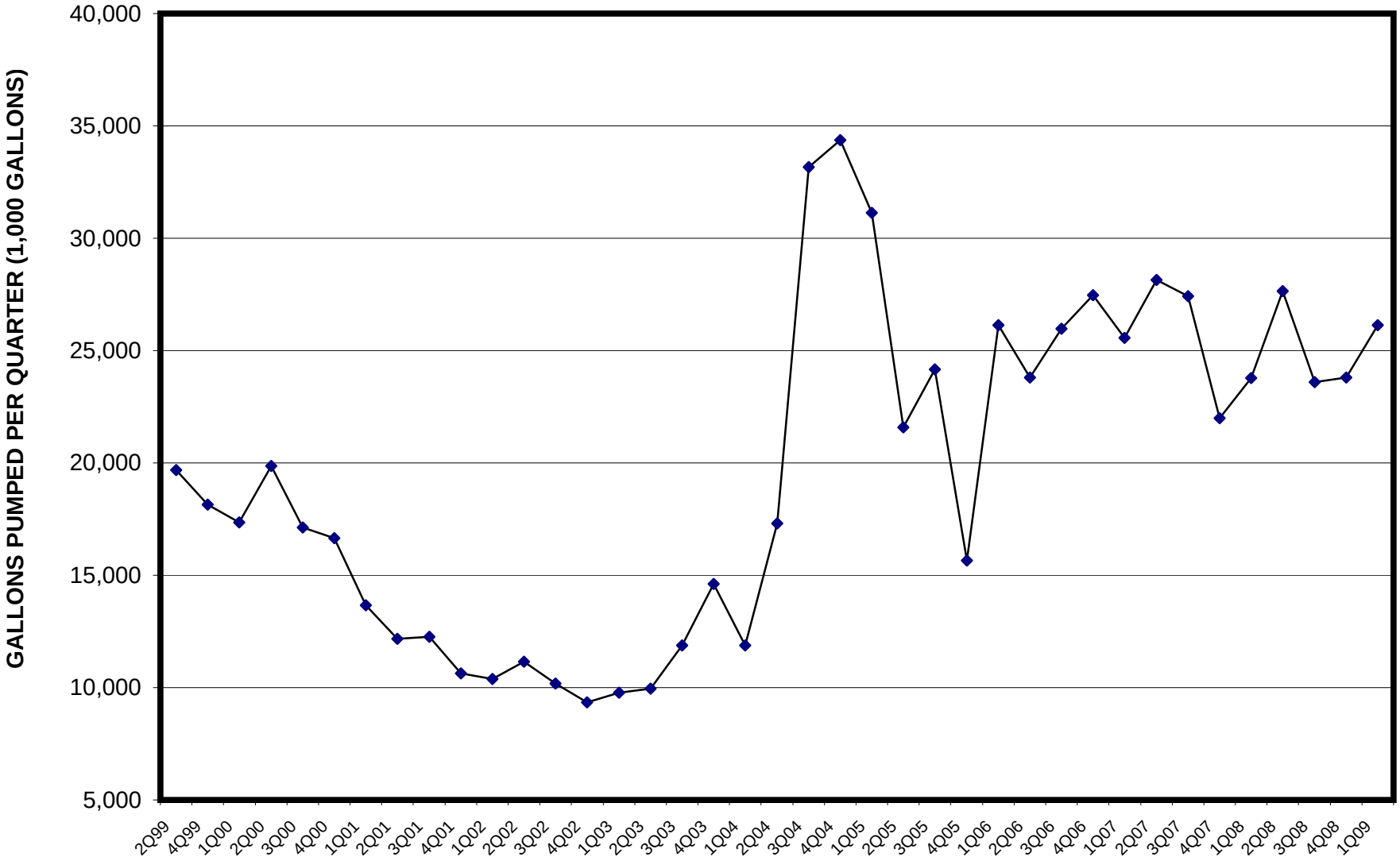


FIGURE 7. VOLUME OF GROUNDWATER PROCESSED

HARGIS + ASSOCIATES, INC.

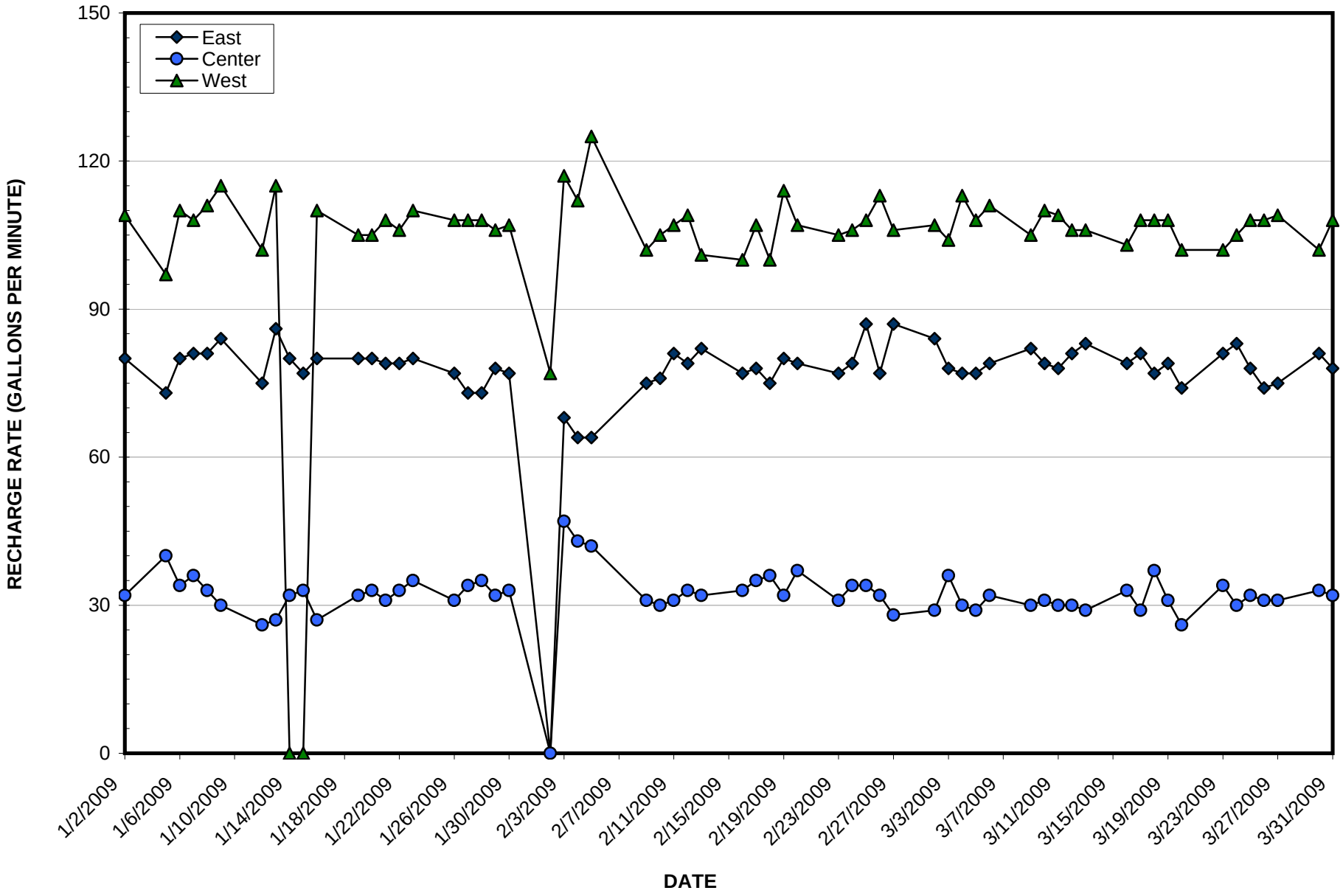


FIGURE 8. FLOW OF LGAC DISCHARGE TO RECHARGE TRENCHES, FIRST QUARTER 2009

HARGIS + ASSOCIATES, INC.

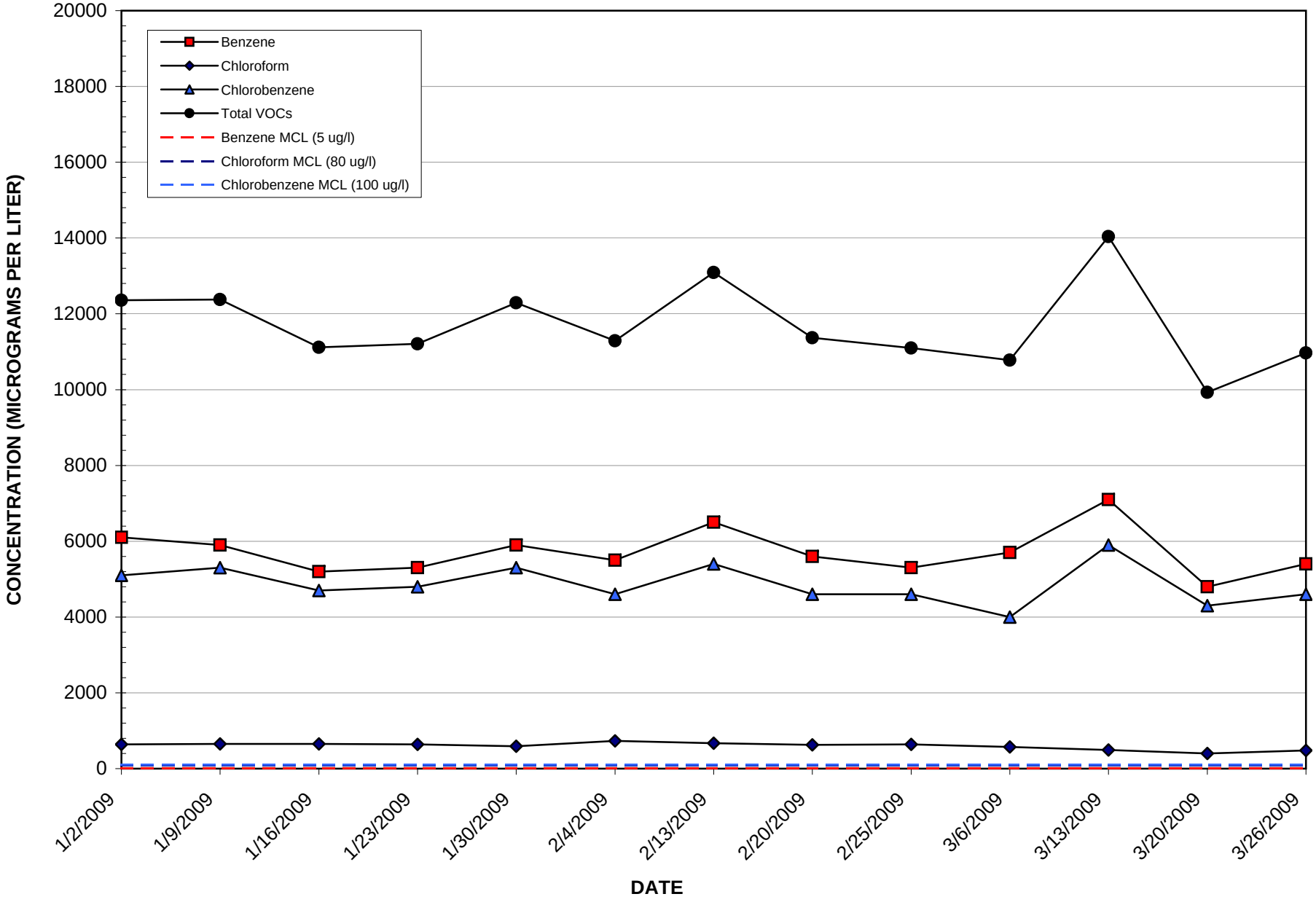


FIGURE 9. CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS, AIR STRIPPER INFLUENT, FIRST QUARTER 2009

HARGIS + ASSOCIATES, INC.

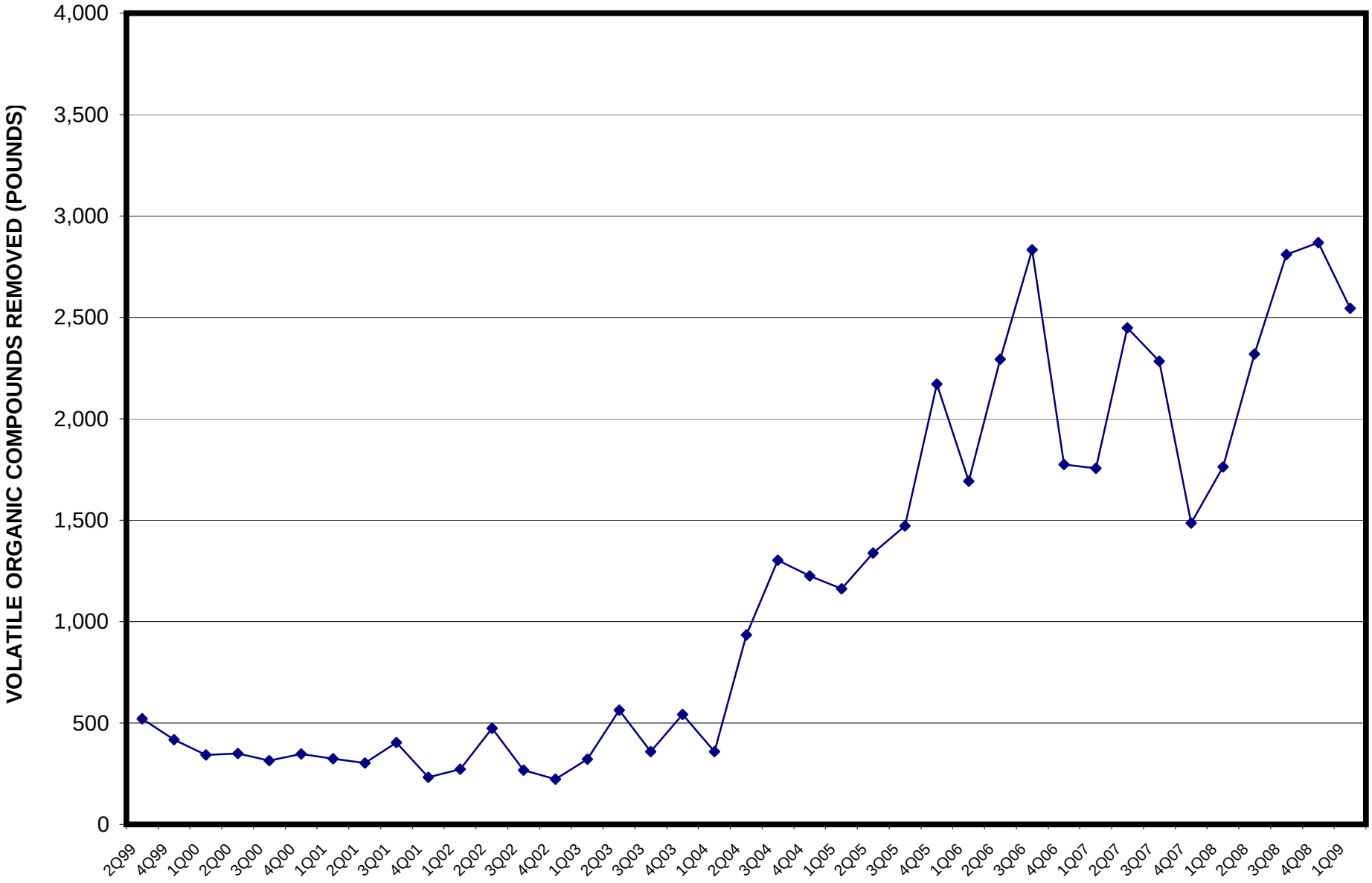
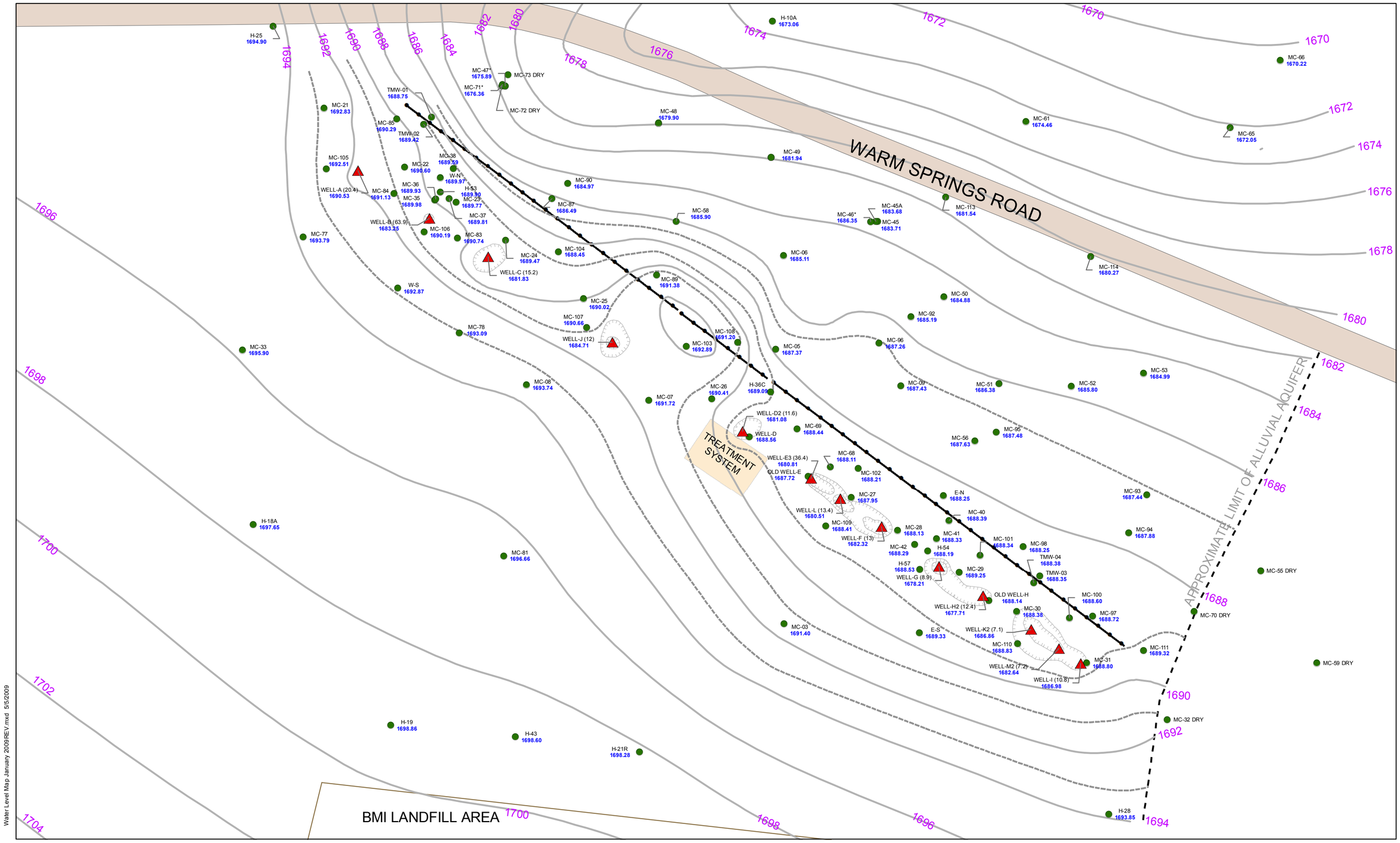


FIGURE 10. VOLATILE ORGANIC COMPOUND MASS REMOVAL

HARGIS + ASSOCIATES, INC.



Water Level Map January 2009REV.mxd 5/5/2009

EXPLANATION

- MONITOR WELL
- EXTRACTION WELL
- 1680 WATER LEVEL CONTOURS, IN FEET ABOVE MEAN SEA LEVEL (DEPRESSION CONTOURS INDICATED BY HASH MARKS AND INTERMEDIATE CONTOURS INDICATED BY DASHING)
- RECHARGE TRENCH LOCATIONS
- PAVED ROAD

H-19 1698.86 — Well Identifier; Water Level Elevation, in feet above mean sea level

WELL-J (12) 1684.71 — Well Identifier (pumping rate in gallons per minute on January 27, 2009); Water Level Elevation, in feet above mean sea level

N

0 75 150 300 Feet

* = anomalous measurement, not used in contouring
Cones of depression are based on recent analysis of wellfield's impact on surrounding water levels.

Notes: Total wellfield flow rate approximately 232 gallons per minute (gpm) on January 27, 2009.
118 gpm was directed to western recharge trench, 35 gpm was directed to the center trench, and 79 gpm was directed to the eastern recharge trench.

FIGURE 11.
WATER LEVELS
JANUARY 19-28, 2009

HARGIS + ASSOCIATES, INC.
HYDROGEOLOGY • ENGINEERING

APPENDIX A

ANALYTICAL LABORATORY REPORTS AND FIELD SAMPLING FORMS

(SEE ATTACHED CD)

MC-32 0713 1126 23.49 DTW 30.20 TD

MC-44 24.20 DTW 31.40 TD

MC-46 31.40 DTW 41.90 TD

H-43 32.52 DTW 37.47

H-21R 32.60 DTW 46.70 TD

Bonnow H2 & MC-29 (H-59) 32.82 DTW 38.45 TD

37.60 DTW 48.68 TD NOT ALL WELL

OLIN-SMC-MONTROSE
GROUND WATER TREATMENT SYSTEM - WATER LEVEL FIELD FORM

QUARTER: 1st
YEAR: 2009

FIELD TEAM INITIALS: MJS

WELL IDENTIFIER	DATE	TIME	DEPTH TO WATER (feet bmp)	Double Check DTW >2 feet different from last round (√)	TOTAL DEPTH OF WELL (feet)	DESCRIPTION OF MEASURING POINT	LOCATION INFO	COMMENTS (Note flow rate at extraction wells in gallons per minute)
MC-31	1/27	742	36.93	37.83	38.18	Top of casing		
MC-111	1/27	738	37.18	37.96	42.6	Top of casing		
MC-32	1/27	724	Dry	Dry	33	Top of casing		
MC-59	1/28	824	DRY	Dry	23.4	Top of casing		
MC-55	1/28	823	DRY	Dry	25.59	Top of casing		
MC-70	1/28	831	DRY	Dry	32.2	Top of casing		
MC-97	1/27	747	35.23	36.09	42.15	Top of casing		
MC-100	1/27	750	35.34	36.17	48.58	Top of casing		
MC-110	1/27	815	35.19	38.99	49.95	Top of casing		
MC-30	1/27	919	37.00	37.76	44.27	Top of casing		
WELL-I	1/27	745	34.70	41.49	50.4	Top of well seal near sounder port		~10 gpm
WELL-M	1/27	757	44.23	45.36	49.[illegible]	Top of well seal near sounder port		~8 gpm NEED well const.
WELL-K2	1/27	812	39.51	40.93	50.46	Top of well seal near sounder port		~7 gpm
WELL-H2	1/27	822	47.75	41.9	51.32	Top of well seal near sounder port		~1 gpm
WELL-G	1/27	844	46.05	45.93	52	Top of well seal near sounder port		~4 gpm
WELL-F	1/27	914	46.69	42.48	43.02	Top of well seal near sounder port		~13 gpm
WELL-L	1/27	1004	42.22	39.52	47.49	Top of well seal near sounder port		~13 gpm
WELL-E3	1/27	1014	40.65	42.13	46.77	Top of well seal near sounder port		~35 gpm
WELL-D2	1/27	1028	39.45	41.03	46.65	Top of well seal near sounder port		~12 gpm
WELL-J	1/27	1046	33.72	33.71	40.05	Top of well seal near sounder port		~12 gpm
WELL-C	1/27	1106	35.43	37.26	42.9	Top of well seal near sounder port		~15 gpm
WELL-B	1/27	1141	34.27	28.57	50.05	Top of well seal near sounder port		~45 gpm
WELL-A	1/27	1152	24.17	23.16	38.95	Top of well seal near sounder port		~13 gpm
TMW-03	1/27	0825	33.66	36.39	46.66	Top of 2-inch PVC casing		
TMW-04	1/27	0804	35.64	36.38	46.77	Top of 2-inch PVC casing		
MC-98	1/27	0807	34.17	34.86	45.09	Top of casing		
MC-101	1/27	0945	34.61	35.27	48.75	Top of casing		
WELL-H (old)	1/27	930	35.42	36.64	41.03	Top of 8-inch PVC casing; north side		
MC-29	1/27	849	35.15	35.78	49.32	Top of casing		
E-N	1/27	900	34.14	34.72	50.61	Top of flange		
MC-40	1/27	967	33.31	33.94	51.47	Top of casing		
MC-45A	1/27	1459	25.90	26.33	26.4	Top of casing		
MC-41	1/27	904	33.97	34.51	53	Top of casing		
H-57	1/27	836	34.47	35.05	45.75	Top of casing		
H-54	1/27	0900	35.16	35.75	45.31	Top of casing		
E-S	1/27	837	38.09	38.61	50.9	Top of bolt head set in concrete pad		
MC-42	1/28	0834	34.31	34.91	56.45	Top of casing		
MC-28	1/27	914	33.79	34.35	42.85	Top of casing		
MC-68	1/27	1011	32.67	33.32	43.05	Top of casing		
MC-102	1/27	1001	31.73	32.34	50.53	Top of casing		
MC-27	1/27	918	33.34	33.85	46.81	Top of casing		
MC-109	1/27	921	34.75	35.27	52.06	Top of casing		
WELL-E (old)	1/28	849	33.32	33.98	49.05	Top of 8-inch PVC casing; north side		
MC-69	1/27	1016	30.26	31.06	44.9	Top of casing		
WELL-D	1/28	932	31.90	~~41.06~~	39.85	Top of well seal ~~near~~ sounder port	8" STEEL PIPE ONLY PVC INSIDE	
MC-28	1/27	1027	27.109	28.13	30.11	Top of casing		
H-36C	1/27	1021	28.61	29.26	39.2	Top of casing		
MC-05	1/27	1420	28.47	29.48	39.61	Top of casing		
MC-06	1/27	1423	27.04	27.71	39.21	Top of casing		
MC-108	1/27	1425	26.37	27.62	41.81	Top of casing		
MC-103	1/27	1049	24.63	25.48	41.02	Top of casing		
MC-07	1/27	1037	26.44	27.58	~~41.06~~ 40.76	Top of casing		
MC-08	1/27	1053	25.41	25.97	43.21	Top of casing		
MC-78	1/27	1057	26.03	25.92	44.81	Top of casing		
MC-107	1/27	1048	27.02	27.64	42.08	Top of casing		
MC-25	1/27	1050	26.24	26.97	34.86	Top of casing		
MC-104	1/27	1106	27.16	27.78	39.61	Top of casing		NEED 2" Cap
MC-24	1/27	1103	25.31	25.4	39.12	Top of casing		
MC-83	1/27	1119	25.34	24.96	40.12	Top of casing	~~Level logger installed~~	
MC-23	1/27	1122	25.37	24.69	45.38	Top of casing		
MC-37	1/27	1124	25.06	25.19	42.85	Top of casing	~~Level logger installed~~	
MC-38	1/27	1134	25.54	25.04	41.3	Top of casing	~~Level logger installed~~	
W-N	1/27	1137	24.96	26.42	42.48	Top of flange		
H-53	1/27	1120	23.35	24.67	43.49	Top of casing		
MC-35	1/27	1133	24.20	25.48	43.05	Top of casing	~~Level logger installed~~	
MC-36	1/27	1131	23.14	24.77	~~32.81~~	Top of casing		
MC-106	1/27	1114	27.60	26.61	57.15	Top of casing	~~Level logger installed~~	NEED 4" PLUG
MC-84	1/27	1143	23.48	22.89	27.82	Top of casing	~~Level logger installed~~	
MC-22	1/27	1149	24.41	23.88	39.16	Top of casing	~~Level logger installed~~	
MC-105	1/27	1155	22.44	22.03	37.48	Top of casing	~~Level logger installed~~	
MC-21	1-27	1329	20.81	20.51	27.52	Top of casing	~~Level logger installed~~	
MC-77	1/27	1200	23.75	23.46	41.2	Top of casing		
MC-33	1/28	909	24.32	24.22	36.45	Top of 4-inch casing		
MC-34				NM		Top of casing	Covered by fill dirt	
W-S	1/27	1111	26.07	25.71	46.6	Top of flange		
MC-85	1/27	1400	22.43	22.51	35	Top of casing		
TMW-02	1/27	1402	24.38	23.96	33.46	Top of 2-inch PVC casing		
TMW-01	1/27	1404	24.68	24.31	35.29	Top of 2-inch PVC casing		
MC-47	1-27	1350	34.47	34.23	45.72	Top of casing		
MC-72	1-27	1336	DRY	Dry	29.45	Top of casing		
MC-73	1-27	1342	DRY	Dry	30.46	Top of casing		
MC-71	1-27	1339	34.68	34.43	37.98	Top of casing		
MC-87	1/27	1411	27.18	27.51	37.69	Top of casing		
MC-90	1/27	1404	28.17	28.53	38.71	Top of casing		
MC-58	1/28	857	26.77	27.43	36.05	Top of casing		
MC-89	1-27	1435	24.11	25.38	36	Top of casing		
MC-49	1/27	1419	28.19	28.48	41.32	Top of casing		
MC-48	1/27	1415	30.00	30.19	37.85	Top of casing		
MC-09	1/28	0724	28.91	29.45	48.48	Top of casing		
MC-96	1/28	0704	28.95	29.08	49.5	Top of casing		
MC-92	1/27	1448	28.80	27.46	49	Top of casing		WELL HEAD SHORTED OFF
MC-45	1/27	1450	27.27	27.72	36.19	Top of casing		
MC-52	1/28	0743	30.68	30.62	35.1	Top of casing		

MC-57 1/22 0735 29.60 DTW 44.75 TD

MC-53 1400 DTW 30.85 DTW 40.40 TD

OLIN-SMC-MONTROSE
GROUND WATER TREATMENT SYSTEM - WATER LEVEL FIELD FORM

QUARTER: 1st
YEAR: 2009

FIELD TEAM INITIALS: MJS

WELL IDENTIFIER	DATE	TIME	DEPTH TO WATER (feet bmp)	Double Check DTW >2 feet different from last round (√)	TOTAL DEPTH OF WELL (feet)	DESCRIPTION OF MEASURING POINT	LOCATION INFO	COMMENTS (Note flow rate at extraction wells in gallons per minute)
MC-93	1/28	0812	31.52	32.48	42.65	Top of casing		
MC-94	1/28	0815	32.40	33.57	40.43	Top of casing		
MC-95	1/28	0731	31.87	32.48	49.8	Top of casing		
MC-56	1/28	0725	30.80	31.48	51.42	Top of casing		
MC-03	1/27	924	34.33	34.59	44.26	Top of casing		
H-43	1/27	945	32.62	32.72	37.22	Top of casing		
MC-81	1/27	942	28.97	28.45	36.7	Top of casing		
H-19	1/27	932	31.78	31.94	43.6	Top of casing		
H-55	1/28	1136	41.27	41.3	46.88	Top of steel casing		
H-15 ✓						Top of steel casing		Could not locate
H-25	1/28	914	12.61	12:57	32.5	Top of 5-inch casing	Under manhole on Warm Springs	
MC-61	1/28	955	31.90	32.13	42.58	Top of 2-inch PVC casing; north side		34.85 Initial Reading
MC-62	1/28	1011	31.52	32.00		Top of 2-inch PVC casing; north side		34.60 No Stable Reading
MC-60	1/28	947	Dry	Dry	33.26	Top of 2-inch PVC casing; north side		
MC-65	1/28	1036	33.38	33.5	41.63	Top of 2-inch PVC casing; north side		
MC-66	1/28	1031	37.19	32.27	46.84	Top of 2-inch PVC casing; north side		37.10 TD
MC-63	1/28	1025	30.45	30.54	52.61	Top of 2-inch PVC casing; north side		35.90 TD
H-10A	1/28	1050	32.95	32.91	46.40	Top of casing		
H-14	1/28	1141	13.93	14:17	28.7	S. of 8-inch pipe		
H-28	1/28	~~[illegible]~~	~~[illegible]~~	32.51	42.4	Top of inside casing; north side		
H-52 ✓						Top of casing		Could not locate
H-23 ✓						Top of casing		Could not locate
EC-01	1/28	1240	54.36	54.47	69.9	Top of casing		
EC-02	—	~~[illegible]~~	~~[illegible]~~	56.28	60.8	Top of casing		

NOTES: 1/28 1234 56.2

bmp = Below measuring point
amsl = Above mean sea level
NM = Not measured

1/28 1117
11-28 36.05 DTW
48.50 TD

MC-113
1/28 922
24.80 DTW
45.26 TD

MC-114
1/28 930
26.65 DTW
45.27 TD

H-58A 1/28
29.65 DTW
61.75 TD

Monitoring Well Low-Flow Purge/Sampling Form

Project: DeMaximis Quarterly Consent order

Well ID:	H - 18A	Screened Interval (ft)	20-50' BTOC	Well Diameter (in):	4"
Date:	1/19/09	Pump Intake Depth (ft)	35' BTOC	Static Water Level (ft):	28.71' BTOC
Sample ID	H - 18A	Purging/ Sample Device:	Portable bladder	Total Well depth (ft):	51.32' BTOC
Time:	0830	PID Reading at TOC:	N/A	Water Column Length:	22.61'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 70 CPM 3 ID: 74
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low - Flow
		WQM Calibrated Date & Time:	1/19/09 0700		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0805	Pump	Start									
0807	500 ml	350	28.75	5.33	6.61	23.25	0.00	165	2.8	0.3	7 PSI 3.3 2.0.84
0810	1.5 L	350	28.75	5.25	6.72	23.75	0.00	153	0.0	0.3	3.3
0813	2.6	350	28.76	5.21	6.83	23.95	0.00	144	0.0	0.3	3.3
0816	3.7	350	28.76	5.21	7.50	23.98	0.00	135	0.0	0.3	3.3
0819	4.8	350	28.76	5.21	7.49	23.56	0.00	123	0.0	0.3	3.3
0822	5.9	350	28.76	5.18	7.41	23.57	0.00	119	0.0	0.3	3.2
0825	7.0	350	28.76	5.15	7.36	23.63	0.00	115	0.0	0.3	3.2
0828	8.1	350	28.76	5.15	7.31	23.72	0.00	112	0.0	0.3	3.2
0831	9.2	350	28.76	5.16	7.32	23.68	0.00	111	0.0	0.3	3.2
0838	Commenced	Sampling									
0857	Sample	End	28.76								

Comments: * Screen is not fully submerged so pump intake minus static water level X 25%

* Maximum permissable drawdown = 1.67 ft BTOC, water level not to draw down below 30.38 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: DeMaximis Quarterly Consent Order

Well ID:	H-21R	Screened Interval (ft)	30.45' BTOC	Well Diameter (in):	4"
Date:	1/19/09	Pump Intake Depth (ft)	38' BTOC	Static Water Level (ft):	32.07' BTOC
Sample ID	H-21R	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	66.56' BTOC
Time:	1005	PID Reading at TOC:	N/A	Water Column Length:	34.49'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 3 ID: 72
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/19/09 0700		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0935	Pump	Start									
0938	350ml	350	32.11	23.1	7.11	24.41	0.00	-205	>0.0	1.4	60 PS. 14 I.D. 72
0941	2.0L	350	32.11	24.0	7.03	25.42	0.00	-222	>0.0	1.5	15
0944	3.2	350	32.11	24.6	7.06	25.72	0.00	-232	>0.0	1.5	15
0947	4.4	350	32.11	24.9	7.08	25.75	0.00	-239	>0.0	1.5	15
0950	5.5	350	32.11	25.1	7.13	25.82	0.00	-243	>0.0	1.5	14
0953	6.6	350	32.11	25.3	7.08	25.77	0.00	-247	>0.0	1.5	14
0956	7.7	350	32.11	25.2	7.08	25.80	0.00	-244	>0.0	1.5	14
1005	Commenced	Sampling									
1025	Sample	End	32.11								

Comments: * Screen is not fully submerged so pump intake minus static water level x 25%
Grey water w/ strong odor.

* Maximum permissable drawdown = 1.48 ft BTOC, water level not to draw down below 33.55 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Quarterly Consent Order

Well ID:	H-49A	Screened Interval (ft)	28-48' BTOC	Well Diameter (in):	4"
Date:	1/19/09	Pump Intake Depth (ft)	38' BTOC	Static Water Level (ft):	26.40' BTOC
Sample ID	H-49A	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	50.40' BTOC
Time:	1210	PID Reading at TOC:	N/A	Water Column Length:	24.00'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 70 CPM 3 ID: 73
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/19/09 0700		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1145	Pump	Start									
1147	350ml	350	26.44	24.8	7.18	24.10	0.00	53	19.4	1.5	70 PSI 15 I.D. 73
1150	1.3 L	350	26.45	26.0	7.04	24.15	0.00	46	19.6	1.6	16
1153	2.4	350	26.45	26.3	7.01	24.29	0.00	37	22.6	1.6	16
1156	3.5	350	26.45	26.4	7.00	24.42	0.00	29	20.8	1.6	16
1159	4.6	350	26.45	26.4	6.99	24.49	0.00	24	16.9	1.6	16
1202	5.7	350	26.45	26.4	6.99	24.47	0.00	22	17.4	1.6	16
1205	6.8	350	26.45	26.4	6.99	24.46	0.00	21	16.9	1.6	16
1210	Commenced	Sampling									
1218	Sample	End	26.45								

Comments: *Screen is fully submerged so pump intake minus top of screen x 25% /o

*Maximum permissable drawdown = 2.5 ft BTOC, water level not to draw down below 28.90 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Quarterly Consent Order

Well ID:	H-56A	Screened Interval (ft)	28-58' BTOC	Well Diameter (in):	4"
Date:	1/19/09	Pump Intake Depth (ft)	43' BTOC	Static Water Level (ft):	23.87' BTOC
Sample ID	H-56A	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	59.85' BTOC
Time:	1120	PID Reading at TOC:	N/A	Water Column Length:	35.98'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 70 CPM 3 ID: 74
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/19/09 0700		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS	
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L	
1058	Pump	Start										
1101	400ml	300	23.89	15.6	7.25	23.97	0.00	19	>0.0	0.9	60 PSI 10	I.D. 74
1104	1.3L	350	23.89	15.7	7.24	24.50	0.00	13	>0.0	0.9	70 PSI 10	I.D. 74
1107	2.4	350	23.89	15.8	7.24	24.67	0.00	9	>0.0	0.9	10	
1110	3.5	350	23.89	15.8	7.23	24.69	0.00	7	>0.0	0.9	10	
1113	4.6	350	23.89	15.8	7.23	24.79	0.00	5	>0.0	0.9	10	
1116	5.7	350	23.89	15.8	7.23	24.80	0.00	5	>0.0	0.9	10	
1120	Commenced	Sampling										
1128	Sample	End	23.89									

Comments: * Screen is fully submerged so pump intake minus top of screen x 75%

* Maximum permissable drawdown = 3.75 ft BTOC, water level not to draw down below 27.62 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Quarterly Consent Order

Well ID:	H-58A	Screened Interval (ft)	37-57 'BTOC	Well Diameter (in):	4"
Date:	1/19/09	Pump Intake Depth (ft)	47' BTOC	Static Water Level (ft):	29.60 BTOC
Sample ID	H-58A	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	61.50' BTOC
Time:	1300	PID Reading at TOC:	N/A	Water Column Length:	31.90'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 70 CPM 3 ID: 73
Analysis:	Various	Water Quality Meter Serial #:	923139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/19/09 0700		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1235	Pump	Start									
1237	350ml	350	29.62	21.0	7.12	24.27	0.00	83	>0.0	1.3	70 PSI 13 I.D. 73
1240	1.4 L	350	29.62	21.1	7.07	24.42	0.00	74	>0.0	1.3	13
1243	2.5	350	29.62	21.2	7.05	24.54	0.00	66	>0.0	1.3	13
1246	3.6	350	29.62	21.1	7.04	24.58	0.00	60	>0.0	1.3	13
1249	4.7	350	29.62	21.2	7.03	24.65	0.00	52	>0.0	1.3	13
1252	5.8	350	29.62	21.2	7.03	24.65	0.00	50	>0.0	1.3	13
1255	6.9	350	29.62	21.2	7.02	24.66	0.00	47	>0.0	1.3	13
1300	Commencell	Sampling									
1308	Sample	End	29.62								

Comments: screen is fully submerged so pump intake minus top of screen X 25%

Maximum permissable drawdown = 2.5 ft BTOC, water level not to draw down below 32.10 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: DRMaxim's Transect Sampling

Well ID:	MC-46	Screened Interval (ft)	32.34' BTOC	Well Diameter (in):	2"
Date:	1/20/09	Pump Intake Depth (ft)	33' BTOC	Static Water Level (ft):	24.60' BTOC
Sample ID	MC-46	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	31.60'
Time:	1110	PID Reading at TOC:	N/A	Water Column Length:	7.00'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/20/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1048	Pump	Start									
1050	450 ml	450	24.65	15.8	7.17	24.63	0.00	-150	22.8	1.0	60 PSI 10 I.D. 101
1053	1.8 L	450	24.65	18.5	7.19	25.00	0.00	-123	3.4	1.1	12
1056	3.1	450	24.65	19.1	7.20	25.10	0.00	-104	>0.0	1.1	12
1059	4.5	450	24.65	19.0	7.21	25.20	0.00	-87	>0.0	1.1	12
1102	5.9	450	24.65	19.0	7.21	25.22	0.00	-82	>0.0	1.1	12
1105	7.2	450	24.65	19.0	7.21	25.18	0.00	-78	>0.0	1.1	12
1108	8.5	450	24.65	19.0	7.21	25.20	0.00	-73	>0.0	1.1	12
1110	Commenced	Sampling									
1118	Sample	End	24.66								

Comments: * Screen is fully submerged so pump intake minus top of screen x 25%

* Maximum permissable drawdown = 0.25 ft BTOC, water level not to draw down below 24.85 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Quarterly Transect Sampling

Well ID:	MC-47	Screened Interval (ft)	26-46' BTOC	Well Diameter (in):	2"
Date:	1/20/09	Pump Intake Depth (ft)	30' BTOC	Static Water Level (ft):	34.35' BTOC
Sample ID	MC-47	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	45.52' BTOC
Time:	0800	PID Reading at TOC:	N/A	Water Column Length:	11.17'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 103
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/20/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS	
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%		g/L
0735	Pump	Start										
0738	500 ml	500	34.40	9.9	6.58	22.37	1.78	162	469	0.6	60 PSI	6 I.D. 103
0741	2.0 L	500	34.40	9.8	6.96	23.53	1.54	142	111	0.5		6
0744	3.5	500	34.40	9.9	7.12	23.88	1.28	125	10.6	0.6		6
0747	5.0	500	34.40	9.9	7.20	23.97	1.25	117	0.0	0.6		6
0750	6.5	500	34.40	9.9	7.27	24.07	1.20	114	0.0	0.6		6
0753	8.0	500	34.40	9.9	7.33	24.08	1.19	104	0.0	0.6		6
0756	9.5	500	34.40	9.9	7.34	24.10	1.17	102	0.0	0.6		6
0800	Commenced	Sampling										
0808	Sample	End	34.40									

Comments: * Screen not fully submerged so Pump intake minus static water level x 25%

* Maximum permissable drawdown = 1.09 ft BTOC, water level not to draw down below 35.44 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Transect Sampling

Well ID:	MC-48	Screened Interval (ft)	18-38' BTOC	Well Diameter (in):	2"
Date:	1/20/09	Pump Intake Depth (ft)	32' BTOC	Static Water Level (ft):	29.94' BTOC
Sample ID	MC-48	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	37.60' BTOC
Time:	0905	PID Reading at TOC:	N/A	Water Column Length:	7.66'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/20/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0835	Pump	Start									
0839	500 ml	500	30.00	18.8	7.17	23.42	0.00	-54	95.6	1.1	60 PSI 12 I.D. 101
0842	2.0 L	500	30.00	18.6	7.16	24.27	0.00	-64	68.3	1.1	11
0845	3.5	500	30.00	18.3	7.17	24.50	0.00	-60	38.5	1.1	11
0848	5.0	500	30.00	18.1	7.18	24.64	0.00	-53	21.3	1.1	11
0851	6.5	500	30.00	18.1	7.19	24.75	0.00	-49	12.0	1.1	11
0854	8.0	500	30.00	18.0	7.20	24.86	0.00	-48	12.7	1.1	11
0857	9.5	500	30.00	18.0	7.20	24.89	0.00	-48	12.2	1.1	11
0900	11.0	500	30.00	18.0	7.20	24.91	0.00	-48	13.1	1.1	11
0905	Commenced	Sampling									
0916	Sample	End	30.00								

Comments: * Screen is not fully submerged so pump intake minus static water level x 25%

* Maximum permissable drawdown = 0.5 ft BTOC, water level not to draw down below 30.44 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaxim's Transect Sampling

Well ID:	MC-49	Screened Interval (ft)	22-42' BTOC	Well Diameter (in):	2"
Date:	11/20/09	Pump Intake Depth (ft)	32' BTOC	Static Water Level (ft):	28.13' BTOC
Sample ID	MC-49	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	41.07' BTOC
Time:	1005	PID Reading at TOC:	N/A	Water Column Length:	12.94'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 103
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	11/20/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0940	Pump	Start									
0942	400ml	400	28.18	18.7	7.24	23.71	0.00	-97	0.0	1.1	60 PS. 12 I.D. 103
0945	1.5 L	400	28.18	18.8	7.19	24.36	0.00	-118	>0.0	1.1	12
0948	2.7	400	28.18	18.8	7.16	24.68	0.00	-130	>0.0	1.1	12
0951	3.9	400	28.18	18.8	7.15	24.80	0.00	-139	>0.0	1.1	12
0954	5.2	400	28.18	18.8	7.14	24.83	0.00	-145	>0.0	1.1	12
0957	6.4	400	28.18	18.8	7.14	24.85	0.00	-148	>0.0	1.1	12
1000	7.7	400	28.18	18.8	7.14	24.88	0.00	-152	>0.0	1.1	12
1005	Commenced	Sampling									
1013	Sample	End	28.18								

Comments: * Screen not fully submerged so pump intake minus static water level x 25%

* Maximum permissable drawdown = 0.96 ft BTOC, water level not to draw down below 29.09 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: DeMaximis Transect Sampling

Well ID:	MC-50	Screened Interval (ft)	26-51' BTOC	Well Diameter (in):	2"
Date:	1/21/09	Pump Intake Depth (ft)	40' BTOC	Static Water Level (ft):	28.44' BTOC
Sample ID	MC-50	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	49.91' BTOC
Time:	0800	PID Reading at TOC:	N/A	Water Column Length:	21.47'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	511666	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low - Flow
		WQM Calibrated Date & Time:	1/21/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0735	Pump	Start									
0737	450 ml	450	28.49	18.2	6.57	23.87	0.24	140	17.8	1.1	60 PSI 11 I.D. 101
0740	1.7 L	450	28.49	18.7	6.79	24.46	0.00	125	1.0	1.1	12
0743	3.0	450	28.49	19.1	6.96	24.63	0.00	108	>0.0	1.1	12
0746	4.4	450	28.49	19.4	7.03	24.71	0.00	97	>0.0	1.2	12
0749	5.8	450	28.49	19.3	7.06	24.75	0.00	92	>0.0	1.2	12
0752 ~~0800~~	7.1	450	28.49	19.3	7.08	24.75	0.00	89	>0.0	1.2	12
0755	8.4	450	28.49	19.3	7.09	24.76	0.00	85	>0.0	1.2	12
0800	Commenced	Sampling									
0808	Sample	End	28.48								

Comments: * Screen is not fully submerged so pump intake minus static water level x 25%

* Maximum permissable drawdown = 2.89 ft BTOC, water level not to draw down below 31.33 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaxim's Transect Sampling

Well ID:	MC-51	Screened Interval (ft)	22-47' BTOC	Well Diameter (in):	2"
Date:	11/21/09	Pump Intake Depth (ft)	35' BTOC	Static Water Level (ft):	29.50' BTOC
Sample ID	MC-51	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	45.40' BTOC
Time:	0945	PID Reading at TOC:	N/A	Water Column Length:	15.90' BTOC
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	11/21/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0917	Pump	Start									
0919	400 ml	400	29.57	19.8	7.06	23.90	0.63	106	316	1.1	60 PSI 12 I.D. 101
0922	1.7 L	400	29.57	19.1	7.05	24.52	0.00	111	204	1.1	12
0925	2.9	400	29.57	19.3	7.06	24.73	0.00	110	117	1.2	12
0928	4.1	400	29.57	19.4	7.06	24.84	0.00	106	71.3	1.2	12
0931	5.4	400	29.57	19.5	7.08	24.88	0.00	102	46.8	1.2	12
0934	6.6	400	29.57	19.5	7.08	24.85	0.00	99	45.4	1.2	12
0937	7.9	400	29.57	19.5	7.08	24.90	0.00	96	44.1	1.2	12
0940	9.2	400	29.57	19.5	7.08	24.97	0.00	94	43.7	1.2	12
0945	Commenced	Sampling									
0953	Sample	End	29.57								

Comments: * Screen not fully submerged so pump intake minus static water level X 25%

* Maximum permissable drawdown = 1.38 ft BTOC, water level not to draw down below 30.88 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Transect Sampling

Well ID:	MC-53	Screened Interval (ft)	21-41' BTOC	Well Diameter (in):	2"
Date:	11/21/09	Pump Intake Depth (ft)	35' BTOC	Static Water Level (ft):	30.28' BTOC
Sample ID	MC-53	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	40.68' BTOC
Time:	1100	PID Reading at TOC:	N/A	Water Column Length:	10.40'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	511166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	11/21/09 0715		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1034	Pump	Start									
1037	500 ml	500	30.34	17.0	6.98	24.56	0.00	83	84.3	1.0	60 PSI " I.D. 101
1040	2.04	500	30.34	17.1	6.95	24.73	0.00	84	58.8	1.0	"
1043	3.5	500	30.34	17.2	6.92	24.76	0.00	88	37.0	1.0	"
1046	5.0	500	30.34	17.2	6.92	24.81	0.00	88	23.5	1.0	"
1049	6.5	500	30.34	17.2	6.91	24.87	0.00	86	23.4	1.0	"
1052	8.0	500	30.34	17.2	6.91	24.88	0.00	86	22.1	1.0	"
1055	9.5	500	30.34	17.2	6.91	24.86	0.00	86	21.6	1.0	"
1100	Commenced	Sampling									
1108	Sample	End	30.33								

Comments: * Screen not fully submerged so pump intake minus static water level X 25%

* Maximum permissable drawdown = 1.18 ft BTOC, water level not to draw down below 31.46 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: DeMaximis Transect Sampling

Well ID:	MC-113	Screened Interval (ft)	22-42' BTOC	Well Diameter (in):	4"
Date:	1/22/09	Pump Intake Depth (ft)	32' BTOC	Static Water Level (ft):	23.80' BTOC
Sample ID	MC-113	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	44.95' BTOC
Time:	0825	PID Reading at TOC:	N/A	Water Column Length:	21.15'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	S1166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	1/22/09 0745		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0800	Pump	Start									
0804	400 ml	400	23.91	18.7	7.17	24.69	0.00	71	6.7	1.1	60 PSI 12 I.D. 101
0807	1.7 L	400	23.90	19.0	7.22	24.81	0.00	53	6.4	1.1	12
0810	3.0	400	23.90	19.3	7.22	24.88	0.00	38	2.1	1.1	12
0813	4.3	400	23.90	19.3	7.23	24.91	0.00	22	0.0	1.2	12
0816	5.6	400	23.90	19.3	7.23	24.94	0.00	21	0.0	1.2	12
0819	6.9	400	23.90	19.3	7.23	24.97	0.00	20	0.0	1.2	12
0822	8.2	400	23.90	19.3	7.23	24.99	0.00	20	0.0	1.2	12
0825	Commenced	Sampling									
0833	Sample	End	23.90								

Comments: * Screen is not fully submerged so pump intake minus static water level X 25%

* Maximum permissable drawdown = 2.05 ft BTOC, water level not to draw down below 25.85 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: Demaximis Transect Sampling

Well ID:	MC-114	Screened Interval (ft)	22-42' BTOC	Well Diameter (in):	4"
Date:	11/22/09	Pump Intake Depth (ft)	32' BTOC	Static Water Level (ft):	26.65' BTOC
Sample ID	MC-114	Purging/ Sample Device:	Portable Pump	Total Well depth (ft):	45.00' BTOC
Time:	0920	PID Reading at TOC:	N/A	Water Column Length:	18.35'
Dup ID:	N/A	Water Level Instrument :	Solinst	Minimum Purge Volume:	
Rinsate ID:	N/A	WLI Serial #:	51166	Samplers Name:	Andrew Kirk
MS/MSD ID:	N/A	Water Quality Meter:	Horiba U-22	Optimal Pump Setting:	PSI 60 CPM 4 ID: 101
Analysis:	Various	Water Quality Meter Serial #:	928139	Low-Flow or Net Purge:	Low-Flow
		WQM Calibrated Date & Time:	11/22/09 0745		

Time	Volume Purged	Flow Rate	Water Level (feet BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS	
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L	
0857	Pump	Start										
0859	450ml	450	26.69	24.4	6.97	24.47	0.00	75	>0.0	1.5	60 PSI 15	I.D. 101
0902	1.8L	450	26.69	24.6	6.85	24.63	0.00	70	>0.0	1.5	15	
0905	3.2	450	26.69	24.7	6.83	24.71	0.00	55	70.0	1.5	15	
0908	4.5	450	26.69	24.7	6.83	24.67	0.00	54	>0.0	1.5	15	
0911	5.8	450	26.69	24.7	6.82	24.65	0.00	51	>0.0	1.5	15	
0914	7.2	450	26.69	24.7	6.82	24.70	0.00	50	>0.0	1.5	15	
0917	8.5	450	26.69	24.7	6.82	24.68	0.00	50	>0.0	1.5	15	
0920	Commenced	Sampling										
0928	Sample	End	26.68									

Comments: * Screen not fully submerged so pump intake minus static water level x 25%

* Maximum permissable drawdown = 1.33 ft BTOC, water level not to draw down below 27.98 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

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LABORATORY REPORT

Prepared For: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Consent Wells (Henderson)
3200A

Sampled: 01/19/09
Received: 01/19/09
Issued: 02/17/09 09:30

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
ISA1508-01	H-18A-	Water
ISA1508-02	H-21R-	Water
ISA1508-03	H-49A-	Water
ISA1508-04	H-56A-	Water
ISA1508-05	H-58A-	Water

Reviewed By:

Amy Windham

TestAmerica Irvine

Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-01 (H-18A- - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromochloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromodichloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromoform	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromomethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
n-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
sec-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
tert-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Carbon tetrachloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Chloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chloroform	EPA 8260B	9A21013	2.0	**3.6**	1	1/21/2009	1/21/2009	
Chloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
2-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
4-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Dibromochloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dibromomethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,4-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dichlorodifluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
2,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Ethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Hexachlorobutadiene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Isopropylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
p-Isopropyltoluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Methylene chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Naphthalene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	

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Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-01 (H-18A- - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Styrene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	M2, R
1,1,1,2-Tetrachloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Tetrachloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Toluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1,1-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,2-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Trichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Trichlorofluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichloropropane	EPA 8260B	9A21013	10	ND	1	1/21/2009	1/21/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Vinyl chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
m,p-Xylenes	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
o-Xylene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dimethyl disulfide	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				

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Project Manager

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Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-02 (H-21R- - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A21013	1000	**33000**	500	1/21/2009	1/21/2009	
Chlorobenzene	EPA 8260B	9A21013	1000	**16000**	500	1/21/2009	1/21/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Sample ID: ISA1508-02RE1 (H-21R- - Water)								
Reporting Units: ug/l								
Bromobenzene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Bromochloromethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Bromodichloromethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Bromoform	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Bromomethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
n-Butylbenzene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
sec-Butylbenzene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
tert-Butylbenzene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Carbon tetrachloride	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Chloroethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Chloroform	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Chloromethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
2-Chlorotoluene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
4-Chlorotoluene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Dibromochloromethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Dibromomethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,2-Dichlorobenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,3-Dichlorobenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,4-Dichlorobenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Dichlorodifluoromethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
1,1-Dichloroethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,2-Dichloroethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,1-Dichloroethene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,2-Dichloropropane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,3-Dichloropropane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
2,2-Dichloropropane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,1-Dichloropropene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	

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Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-02RE1 (H-21R- - Water) - cont.								
Reporting Units: ug/l								
Ethylbenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Hexachlorobutadiene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Isopropylbenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
p-Isopropyltoluene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Methylene chloride	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
Naphthalene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
n-Propylbenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Styrene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Tetrachloroethene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Toluene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
1,1,1-Trichloroethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,1,2-Trichloroethane	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Trichloroethene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Trichlorofluoromethane	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
1,2,3-Trichloropropane	EPA 8260B	9A21013	1000	ND	100	1/21/2009	1/21/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Vinyl chloride	EPA 8260B	9A21013	500	ND	100	1/21/2009	1/21/2009	
m,p-Xylenes	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
o-Xylene	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Dimethyl disulfide	EPA 8260B	9A21013	200	ND	100	1/21/2009	1/21/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				
Surrogate: Dibromofluoromethane (80-120%)				*103 %*				
Surrogate: Toluene-d8 (80-120%)				*94 %*				

TestAmerica Irvine

Amy Windham
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

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-03 (H-49A- - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromochloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromodichloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromoform	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromomethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
n-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
sec-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
tert-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Carbon tetrachloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chlorobenzene	EPA 8260B	9A21013	2.0	**8.4**	1	1/21/2009	1/21/2009	
Chloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chloroform	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Chloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
2-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
4-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Dibromochloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dibromomethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichlorobenzene	EPA 8260B	9A21013	2.0	**9.8**	1	1/21/2009	1/21/2009	
1,3-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,4-Dichlorobenzene	EPA 8260B	9A21013	2.0	**14**	1	1/21/2009	1/21/2009	
Dichlorodifluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethane	EPA 8260B	9A21013	2.0	**17**	1	1/21/2009	1/21/2009	
1,2-Dichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
2,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Ethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Hexachlorobutadiene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Isopropylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
p-Isopropyltoluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Methylene chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Naphthalene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	

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Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-03 (H-49A- - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Styrene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Tetrachloroethene	EPA 8260B	9A21013	2.0	**4.7**	1	1/21/2009	1/21/2009	
Toluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A21013	5.0	**15**	1	1/21/2009	1/21/2009	
1,1,1-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,2-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Trichloroethene	EPA 8260B	9A21013	2.0	**2.5**	1	1/21/2009	1/21/2009	
Trichlorofluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichloropropane	EPA 8260B	9A21013	10	ND	1	1/21/2009	1/21/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Vinyl chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
m,p-Xylenes	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
o-Xylene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dimethyl disulfide	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-04 (H-56A- - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromochloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromodichloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromoform	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromomethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
n-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
sec-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
tert-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Carbon tetrachloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Chloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chloroform	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Chloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
2-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
4-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Dibromochloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dibromomethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,4-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dichlorodifluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
2,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Ethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Hexachlorobutadiene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Isopropylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
p-Isopropyltoluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Methylene chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Naphthalene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	

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3200A
Report Number: ISA1508

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Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-04 (H-56A- - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Styrene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Tetrachloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Toluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A21013	5.0	**5.5**	1	1/21/2009	1/21/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A21013	5.0	**9.8**	1	1/21/2009	1/21/2009	
1,1,1-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,2-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Trichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Trichlorofluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichloropropane	EPA 8260B	9A21013	10	ND	1	1/21/2009	1/21/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Vinyl chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
m,p-Xylenes	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
o-Xylene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dimethyl disulfide	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

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Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-05 (H-58A- - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromochloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromodichloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Bromoform	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Bromomethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
n-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
sec-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
tert-Butylbenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Carbon tetrachloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Chloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Chloroform	EPA 8260B	9A21013	2.0	**2.0**	1	1/21/2009	1/21/2009	
Chloromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
2-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
4-Chlorotoluene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Dibromochloromethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dibromomethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichlorobenzene	EPA 8260B	9A21013	2.0	**8.5**	1	1/21/2009	1/21/2009	
1,3-Dichlorobenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,4-Dichlorobenzene	EPA 8260B	9A21013	2.0	**11**	1	1/21/2009	1/21/2009	
Dichlorodifluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethane	EPA 8260B	9A21013	2.0	**2.3**	1	1/21/2009	1/21/2009	
1,2-Dichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloroethene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
2,2-Dichloropropane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1-Dichloropropene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Ethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Hexachlorobutadiene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Isopropylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
p-Isopropyltoluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Methylene chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
Naphthalene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	

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de Maximis, Inc. - San Diego
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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-05 (H-58A- - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Styrene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Tetrachloroethene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Toluene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A21013	5.0	**7.8**	1	1/21/2009	1/21/2009	
1,1,1-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,1,2-Trichloroethane	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Trichloroethene	EPA 8260B	9A21013	2.0	**2.2**	1	1/21/2009	1/21/2009	
Trichlorofluoromethane	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
1,2,3-Trichloropropane	EPA 8260B	9A21013	10	ND	1	1/21/2009	1/21/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Vinyl chloride	EPA 8260B	9A21013	5.0	ND	1	1/21/2009	1/21/2009	
m,p-Xylenes	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
o-Xylene	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Dimethyl disulfide	EPA 8260B	9A21013	2.0	ND	1	1/21/2009	1/21/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				

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3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-01 (H-18A- - Water)								
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	9A22080	9.7	ND	0.971	1/22/2009	1/24/2009	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*84 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*81 %*				
Surrogate: 2-Fluorophenol (30-120%)				*59 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*75 %*				
Surrogate: Phenol-d6 (35-120%)				*65 %*				
Surrogate: Terphenyl-d14 (50-125%)				*94 %*				
Sample ID: ISA1508-02 (H-21R- - Water)								**RL3**
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	9A22080	19	ND	1.92	1/22/2009	1/24/2009	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*89 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*80 %*				
Surrogate: 2-Fluorophenol (30-120%)				*60 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*72 %*				
Surrogate: Phenol-d6 (35-120%)				*64 %*				
Surrogate: Terphenyl-d14 (50-125%)				*98 %*				
Sample ID: ISA1508-03 (H-49A- - Water)								
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	9A22080	9.5	ND	0.952	1/22/2009	1/24/2009	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*83 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*78 %*				
Surrogate: 2-Fluorophenol (30-120%)				*62 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*74 %*				
Surrogate: Phenol-d6 (35-120%)				*67 %*				
Surrogate: Terphenyl-d14 (50-125%)				*93 %*				

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-04 (H-56A- - Water)								
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	9A22080	9.5	ND	0.952	1/22/2009	1/27/2009	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*44 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*81 %*				
Surrogate: 2-Fluorophenol (30-120%)				*25 %*				*Z*
Surrogate: Nitrobenzene-d5 (45-120%)				*78 %*				
Surrogate: Phenol-d6 (35-120%)				*31 %*				*Z*
Surrogate: Terphenyl-d14 (50-125%)				*96 %*				
Sample ID: ISA1508-05 (H-58A- - Water)								
Reporting Units: ug/l								
4-Chlorophenyl methyl sulfide	EPA 8270C	9A22080	9.5	ND	0.952	1/22/2009	1/24/2009	
Surrogate: 2,4,6-Tribromophenol (40-120%)				*73 %*				
Surrogate: 2-Fluorobiphenyl (50-120%)				*78 %*				
Surrogate: 2-Fluorophenol (30-120%)				*49 %*				
Surrogate: Nitrobenzene-d5 (45-120%)				*73 %*				
Surrogate: Phenol-d6 (35-120%)				*41 %*				
Surrogate: Terphenyl-d14 (50-125%)				*97 %*				

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SW846 8141A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-01 (H-18A- - Water)								
Reporting Units: ug/L								
Carbophenothion	SW846 8141A	9026141	0.6	ND	1	1/26/2009	2/3/2009	
Phosmet	SW846 8141A	9026141	1.5	ND	1	1/26/2009	2/3/2009	
Surrogate: Chlormefos (49-171%)				*53 %*				
Surrogate: Triphenyl phosphate (60-154%)				*95 %*				
Sample ID: ISA1508-02 (H-21R- - Water)								
Reporting Units: ug/L								
Carbophenothion	SW846 8141A	9026141	0.6	ND	1	1/26/2009	2/3/2009	
Phosmet	SW846 8141A	9026141	1.5	ND	1	1/26/2009	2/3/2009	
Surrogate: Chlormefos (49-171%)				*78 %*				
Surrogate: Triphenyl phosphate (60-154%)				*90 %*				

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Sampled: 01/19/09
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Alpha Acids

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1508-01 (H-18A- - Water)								
Reporting Units: mg/L								
Dimethyl phosphorodithioic acid	ACIDS_HPLC_W	21385	0.25	ND	1	1/27/2009	1/27/2009	
Phthalic acid	ACIDS_HPLC_W	21385	0.050	ND	1	1/27/2009	1/27/2009	
4-Chlorobenzenesulfonic acid	ACIDS_HPLC_W	21385	0.050	**0.16**	1	1/27/2009	1/27/2009	
Benzenesulfonic acid	ACIDS_HPLC_W	21385	0.050	**0.20**	1	1/27/2009	1/27/2009	
Diethyl phosphorodithioic acid	ACIDS_HPLC_W	21385	0.050	ND	1	1/27/2009	1/27/2009	
Sample ID: ISA1508-02 (H-21R- - Water)								
Reporting Units: mg/L								
Dimethyl phosphorodithioic acid	ACIDS_HPLC_W	21385	0.25	ND	1	1/27/2009	1/27/2009	
Phthalic acid	ACIDS_HPLC_W	21385	0.050	ND	1	1/27/2009	1/27/2009	
4-Chlorobenzenesulfonic acid	ACIDS_HPLC_W	21385	5.0	**23**	1	1/27/2009	1/28/2009	
Benzenesulfonic acid	ACIDS_HPLC_W	21385	5.0	**26**	1	1/27/2009	1/28/2009	
Diethyl phosphorodithioic acid	ACIDS_HPLC_W	21385	5.0	**170**	1	1/27/2009	1/28/2009	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
Blank Analyzed: 01/21/2009 (9A21013-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
Blank Analyzed: 01/21/2009 (9A21013-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
LCS Analyzed: 01/21/2009 (9A21013-BS1)										
Benzene	21.4	2.0	ug/l	25.0		86	70-120			
Bromobenzene	22.2	5.0	ug/l	25.0		89	75-120			
Bromochloromethane	25.3	5.0	ug/l	25.0		101	70-130			
Bromodichloromethane	25.1	2.0	ug/l	25.0		100	70-135			
Bromoform	26.0	5.0	ug/l	25.0		104	55-130			
Bromomethane	23.2	5.0	ug/l	25.0		93	65-140			
n-Butylbenzene	23.7	5.0	ug/l	25.0		95	70-130			
sec-Butylbenzene	23.1	5.0	ug/l	25.0		92	70-125			
tert-Butylbenzene	23.5	5.0	ug/l	25.0		94	70-125			
Carbon tetrachloride	27.4	5.0	ug/l	25.0		109	65-140			
Chlorobenzene	22.9	2.0	ug/l	25.0		92	75-120			
Chloroethane	22.9	5.0	ug/l	25.0		92	60-140			
Chloroform	23.7	2.0	ug/l	25.0		95	70-130			
Chloromethane	23.6	5.0	ug/l	25.0		94	50-140			
2-Chlorotoluene	22.9	5.0	ug/l	25.0		92	70-125			
4-Chlorotoluene	23.2	5.0	ug/l	25.0		93	75-125			
1,2-Dibromo-3-chloropropane	26.6	5.0	ug/l	25.0		106	50-135			
Dibromochloromethane	25.9	2.0	ug/l	25.0		103	70-140			
1,2-Dibromoethane (EDB)	23.3	2.0	ug/l	25.0		93	75-125			
Dibromomethane	25.3	2.0	ug/l	25.0		101	70-125			
1,2-Dichlorobenzene	23.4	2.0	ug/l	25.0		94	75-120			
1,3-Dichlorobenzene	23.0	2.0	ug/l	25.0		92	75-120			
1,4-Dichlorobenzene	20.8	2.0	ug/l	25.0		83	75-120			
Dichlorodifluoromethane	26.3	5.0	ug/l	25.0		105	35-155			
1,1-Dichloroethane	24.0	2.0	ug/l	25.0		96	70-125			
1,2-Dichloroethane	26.4	2.0	ug/l	25.0		106	60-140			
1,1-Dichloroethene	18.0	5.0	ug/l	25.0		72	70-125			
cis-1,2-Dichloroethene	22.6	2.0	ug/l	25.0		90	70-125			
trans-1,2-Dichloroethene	20.3	2.0	ug/l	25.0		81	70-125			
1,2-Dichloropropane	22.1	2.0	ug/l	25.0		88	70-125			
1,3-Dichloropropane	23.9	2.0	ug/l	25.0		96	70-120			
2,2-Dichloropropane	27.0	2.0	ug/l	25.0		108	65-140			
cis-1,3-Dichloropropene	29.0	2.0	ug/l	25.0		116	75-125			
trans-1,3-Dichloropropene	23.6	2.0	ug/l	25.0		94	70-125			
1,1-Dichloropropene	23.4	2.0	ug/l	25.0		94	75-130			
Ethylbenzene	23.6	2.0	ug/l	25.0		94	75-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
LCS Analyzed: 01/21/2009 (9A21013-BS1)										
Hexachlorobutadiene	25.2	5.0	ug/l	25.0		101	65-135			
Isopropylbenzene	22.9	2.0	ug/l	25.0		91	75-130			
p-Isopropyltoluene	23.0	2.0	ug/l	25.0		92	75-125			
Methylene chloride	21.5	5.0	ug/l	25.0		86	55-130			
Naphthalene	25.0	5.0	ug/l	25.0		100	55-135			
n-Propylbenzene	23.4	2.0	ug/l	25.0		93	75-130			
Styrene	23.5	2.0	ug/l	25.0		94	75-130			
1,1,1,2-Tetrachloroethane	24.7	5.0	ug/l	25.0		99	70-130			
1,1,2,2-Tetrachloroethane	24.5	2.0	ug/l	25.0		98	55-130			
Tetrachloroethene	23.5	2.0	ug/l	25.0		94	70-125			
Toluene	22.6	2.0	ug/l	25.0		91	70-120			
1,2,3-Trichlorobenzene	25.1	5.0	ug/l	25.0		100	65-125			
1,2,4-Trichlorobenzene	24.7	5.0	ug/l	25.0		99	70-135			
1,1,1-Trichloroethane	25.3	2.0	ug/l	25.0		101	65-135			
1,1,2-Trichloroethane	24.8	2.0	ug/l	25.0		99	70-125			
Trichloroethene	23.3	2.0	ug/l	25.0		93	70-125			
Trichlorofluoromethane	26.0	5.0	ug/l	25.0		104	65-145			
1,2,3-Trichloropropane	22.5	10	ug/l	25.0		90	60-130			
1,2,4-Trimethylbenzene	23.2	2.0	ug/l	25.0		93	75-125			
1,3,5-Trimethylbenzene	22.9	2.0	ug/l	25.0		92	75-125			
Vinyl chloride	25.8	5.0	ug/l	25.0		103	55-135			
m,p-Xylenes	45.8	2.0	ug/l	50.0		92	75-125			
o-Xylene	23.6	2.0	ug/l	25.0		94	75-125			
Surrogate: 4-Bromofluorobenzene	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Dibromofluoromethane	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Matrix Spike Analyzed: 01/21/2009 (9A21013-MS1)					**Source: ISA1508-01**					
Benzene	23.5	2.0	ug/l	25.0	ND	94	65-125			
Bromobenzene	24.2	5.0	ug/l	25.0	ND	97	70-125			
Bromochloromethane	26.6	5.0	ug/l	25.0	ND	106	65-135			
Bromodichloromethane	27.0	2.0	ug/l	25.0	ND	108	70-135			
Bromoform	27.7	5.0	ug/l	25.0	ND	111	55-135			
Bromomethane	24.7	5.0	ug/l	25.0	ND	99	55-145			
n-Butylbenzene	25.6	5.0	ug/l	25.0	ND	102	65-135			
sec-Butylbenzene	24.6	5.0	ug/l	25.0	ND	98	70-125			

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Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
Matrix Spike Analyzed: 01/21/2009 (9A21013-MS1)					**Source: ISA1508-01**					
tert-Butylbenzene	25.1	5.0	ug/l	25.0	ND	101	65-130			
Carbon tetrachloride	29.5	5.0	ug/l	25.0	ND	118	65-140			
Chlorobenzene	25.0	2.0	ug/l	25.0	ND	100	75-125			
Chloroethane	24.3	5.0	ug/l	25.0	ND	97	55-140			
Chloroform	28.2	2.0	ug/l	25.0	3.59	99	65-135			
Chloromethane	25.7	5.0	ug/l	25.0	ND	103	45-145			
2-Chlorotoluene	24.4	5.0	ug/l	25.0	ND	98	65-135			
4-Chlorotoluene	25.2	5.0	ug/l	25.0	ND	101	70-135			
1,2-Dibromo-3-chloropropane	28.4	5.0	ug/l	25.0	ND	113	45-145			
Dibromochloromethane	27.8	2.0	ug/l	25.0	ND	111	65-140			
1,2-Dibromoethane (EDB)	25.1	2.0	ug/l	25.0	ND	100	70-130			
Dibromomethane	27.9	2.0	ug/l	25.0	ND	112	65-135			
1,2-Dichlorobenzene	24.8	2.0	ug/l	25.0	ND	99	75-125			
1,3-Dichlorobenzene	24.4	2.0	ug/l	25.0	ND	98	75-125			
1,4-Dichlorobenzene	22.5	2.0	ug/l	25.0	ND	90	75-125			
Dichlorodifluoromethane	28.8	5.0	ug/l	25.0	ND	115	25-155			
1,1-Dichloroethane	26.2	2.0	ug/l	25.0	1.15	100	65-130			
1,2-Dichloroethane	29.5	2.0	ug/l	25.0	0.450	116	60-140			
1,1-Dichloroethene	19.0	5.0	ug/l	25.0	ND	76	60-130			
cis-1,2-Dichloroethene	24.0	2.0	ug/l	25.0	ND	96	65-130			
trans-1,2-Dichloroethene	21.0	2.0	ug/l	25.0	ND	84	65-130			
1,2-Dichloropropane	24.3	2.0	ug/l	25.0	ND	97	65-130			
1,3-Dichloropropane	24.9	2.0	ug/l	25.0	ND	100	65-135			
2,2-Dichloropropane	28.7	2.0	ug/l	25.0	ND	115	60-145			
cis-1,3-Dichloropropene	30.6	2.0	ug/l	25.0	ND	122	70-130			
trans-1,3-Dichloropropene	25.8	2.0	ug/l	25.0	ND	103	65-135			
1,1-Dichloropropene	26.1	2.0	ug/l	25.0	ND	104	70-135			
Ethylbenzene	25.0	2.0	ug/l	25.0	ND	100	65-130			
Hexachlorobutadiene	27.5	5.0	ug/l	25.0	ND	110	60-135			
Isopropylbenzene	24.3	2.0	ug/l	25.0	ND	97	70-135			
p-Isopropyltoluene	25.1	2.0	ug/l	25.0	ND	100	65-130			
Methylene chloride	22.2	5.0	ug/l	25.0	ND	89	50-135			
Naphthalene	27.0	5.0	ug/l	25.0	ND	108	50-140			
n-Propylbenzene	25.2	2.0	ug/l	25.0	ND	101	70-135			
Styrene	1.56	2.0	ug/l	25.0	ND	6	50-145			*M2*
1,1,1,2-Tetrachloroethane	26.7	5.0	ug/l	25.0	ND	107	65-140			

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Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
Matrix Spike Analyzed: 01/21/2009 (9A21013-MS1)					**Source: ISA1508-01**					
1,1,2,2-Tetrachloroethane	27.0	2.0	ug/l	25.0	ND	108	55-135			
Tetrachloroethene	25.9	2.0	ug/l	25.0	ND	104	65-130			
Toluene	24.7	2.0	ug/l	25.0	ND	99	70-125			
1,2,3-Trichlorobenzene	28.0	5.0	ug/l	25.0	0.570	110	60-135			
1,2,4-Trichlorobenzene	27.3	5.0	ug/l	25.0	ND	109	65-135			
1,1,1-Trichloroethane	27.6	2.0	ug/l	25.0	ND	110	65-140			
1,1,2-Trichloroethane	27.1	2.0	ug/l	25.0	ND	109	65-130			
Trichloroethene	25.3	2.0	ug/l	25.0	ND	101	65-125			
Trichlorofluoromethane	27.5	5.0	ug/l	25.0	ND	110	60-145			
1,2,3-Trichloropropane	24.7	10	ug/l	25.0	ND	99	55-135			
1,2,4-Trimethylbenzene	25.2	2.0	ug/l	25.0	ND	101	55-135			
1,3,5-Trimethylbenzene	24.4	2.0	ug/l	25.0	ND	98	70-130			
Vinyl chloride	27.4	5.0	ug/l	25.0	ND	110	45-140			
m,p-Xylenes	49.0	2.0	ug/l	50.0	ND	98	65-130			
o-Xylene	25.0	2.0	ug/l	25.0	ND	100	65-125			
Surrogate: 4-Bromofluorobenzene	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Dibromofluoromethane	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Dup Analyzed: 01/21/2009 (9A21013-MSD1)					**Source: ISA1508-01**					
Benzene	22.8	2.0	ug/l	25.0	ND	91	65-125	3	20	
Bromobenzene	23.8	5.0	ug/l	25.0	ND	95	70-125	2	20	
Bromochloromethane	26.3	5.0	ug/l	25.0	ND	105	65-135	1	25	
Bromodichloromethane	25.4	2.0	ug/l	25.0	ND	101	70-135	6	20	
Bromoform	27.2	5.0	ug/l	25.0	ND	109	55-135	2	25	
Bromomethane	24.3	5.0	ug/l	25.0	ND	97	55-145	2	25	
n-Butylbenzene	24.8	5.0	ug/l	25.0	ND	99	65-135	3	20	
sec-Butylbenzene	24.7	5.0	ug/l	25.0	ND	99	70-125	0	20	
tert-Butylbenzene	24.7	5.0	ug/l	25.0	ND	99	65-130	2	20	
Carbon tetrachloride	27.8	5.0	ug/l	25.0	ND	111	65-140	6	25	
Chlorobenzene	24.1	2.0	ug/l	25.0	ND	97	75-125	3	20	
Chloroethane	24.9	5.0	ug/l	25.0	ND	100	55-140	2	25	
Chloroform	27.6	2.0	ug/l	25.0	3.59	96	65-135	2	20	
Chloromethane	25.3	5.0	ug/l	25.0	ND	101	45-145	2	25	
2-Chlorotoluene	23.9	5.0	ug/l	25.0	ND	96	65-135	2	20	
4-Chlorotoluene	24.5	5.0	ug/l	25.0	ND	98	70-135	3	20	

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3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
Matrix Spike Dup Analyzed: 01/21/2009 (9A21013-MSD1)					**Source: ISA1508-01**					
1,2-Dibromo-3-chloropropane	28.4	5.0	ug/l	25.0	ND	114	45-145	0	30	
Dibromochloromethane	26.4	2.0	ug/l	25.0	ND	106	65-140	5	25	
1,2-Dibromoethane (EDB)	24.9	2.0	ug/l	25.0	ND	100	70-130	1	25	
Dibromomethane	26.7	2.0	ug/l	25.0	ND	107	65-135	4	25	
1,2-Dichlorobenzene	24.3	2.0	ug/l	25.0	ND	97	75-125	2	20	
1,3-Dichlorobenzene	24.3	2.0	ug/l	25.0	ND	97	75-125	1	20	
1,4-Dichlorobenzene	21.7	2.0	ug/l	25.0	ND	87	75-125	4	20	
Dichlorodifluoromethane	27.7	5.0	ug/l	25.0	ND	111	25-155	4	30	
1,1-Dichloroethane	25.6	2.0	ug/l	25.0	1.15	98	65-130	2	20	
1,2-Dichloroethane	27.8	2.0	ug/l	25.0	0.450	109	60-140	6	20	
1,1-Dichloroethene	19.1	5.0	ug/l	25.0	ND	76	60-130	1	20	
cis-1,2-Dichloroethene	23.5	2.0	ug/l	25.0	ND	94	65-130	2	20	
trans-1,2-Dichloroethene	21.2	2.0	ug/l	25.0	ND	85	65-130	1	20	
1,2-Dichloropropane	23.3	2.0	ug/l	25.0	ND	93	65-130	4	20	
1,3-Dichloropropane	24.4	2.0	ug/l	25.0	ND	98	65-135	2	25	
2,2-Dichloropropane	27.8	2.0	ug/l	25.0	ND	111	60-145	3	25	
cis-1,3-Dichloropropene	29.9	2.0	ug/l	25.0	ND	120	70-130	2	20	
trans-1,3-Dichloropropene	24.5	2.0	ug/l	25.0	ND	98	65-135	5	25	
1,1-Dichloropropene	25.1	2.0	ug/l	25.0	ND	100	70-135	4	20	
Ethylbenzene	24.6	2.0	ug/l	25.0	ND	98	65-130	2	20	
Hexachlorobutadiene	26.5	5.0	ug/l	25.0	ND	106	60-135	4	20	
Isopropylbenzene	24.2	2.0	ug/l	25.0	ND	97	70-135	0	20	
p-Isopropyltoluene	24.2	2.0	ug/l	25.0	ND	97	65-130	4	20	
Methylene chloride	22.6	5.0	ug/l	25.0	ND	91	50-135	2	20	
Naphthalene	26.7	5.0	ug/l	25.0	ND	107	50-140	1	30	
n-Propylbenzene	25.0	2.0	ug/l	25.0	ND	100	70-135	1	20	
Styrene	0.790	2.0	ug/l	25.0	ND	3	50-145	66	30	*M2, R*
1,1,1,2-Tetrachloroethane	25.3	5.0	ug/l	25.0	ND	101	65-140	5	20	
1,1,2,2-Tetrachloroethane	26.7	2.0	ug/l	25.0	ND	107	55-135	1	30	
Tetrachloroethene	24.5	2.0	ug/l	25.0	ND	98	65-130	5	20	
Toluene	23.6	2.0	ug/l	25.0	ND	94	70-125	4	20	
1,2,3-Trichlorobenzene	26.8	5.0	ug/l	25.0	0.570	105	60-135	4	20	
1,2,4-Trichlorobenzene	26.7	5.0	ug/l	25.0	ND	107	65-135	2	20	
1,1,1-Trichloroethane	26.3	2.0	ug/l	25.0	ND	105	65-140	5	20	
1,1,2-Trichloroethane	26.6	2.0	ug/l	25.0	ND	107	65-130	2	25	
Trichloroethene	24.3	2.0	ug/l	25.0	ND	97	65-125	4	20	

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A21013 Extracted: 01/21/09										
Matrix Spike Dup Analyzed: 01/21/2009 (9A21013-MSD1)					**Source: ISA1508-01**					
Trichlorofluoromethane	26.9	5.0	ug/l	25.0	ND	107	60-145	2	25	
1,2,3-Trichloropropane	24.7	10	ug/l	25.0	ND	99	55-135	0	30	
1,2,4-Trimethylbenzene	25.0	2.0	ug/l	25.0	ND	100	55-135	1	25	
1,3,5-Trimethylbenzene	24.3	2.0	ug/l	25.0	ND	97	70-130	1	20	
Vinyl chloride	27.2	5.0	ug/l	25.0	ND	109	45-140	1	30	
m,p-Xylenes	48.0	2.0	ug/l	50.0	ND	96	65-130	2	25	
o-Xylene	24.2	2.0	ug/l	25.0	ND	97	65-125	3	20	
Surrogate: 4-Bromofluorobenzene	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Dibromofluoromethane	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Toluene-d8	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3520C/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A22080 Extracted: 01/22/09										
Blank Analyzed: 01/24/2009 (9A22080-BLK1)										
4-Chlorophenyl methyl sulfide	ND	10	ug/l							
Surrogate: 2,4,6-Tribromophenol	*189*		*ug/l*	*200*		*95*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*92.2*		*ug/l*	*100*		*92*	*50-120*			
Surrogate: 2-Fluorophenol	*157*		*ug/l*	*200*		*78*	*30-120*			
Surrogate: Nitrobenzene-d5	*86.9*		*ug/l*	*100*		*87*	*45-120*			
Surrogate: Phenol-d6	*166*		*ug/l*	*200*		*83*	*35-120*			
Surrogate: Terphenyl-d14	*109*		*ug/l*	*100*		*109*	*50-125*			
LCS Analyzed: 01/27/2009 (9A22080-BS1)										**MNR1**
Surrogate: 2,4,6-Tribromophenol	*175*		*ug/l*	*200*		*88*	*40-120*			
Surrogate: 2-Fluorobiphenyl	*83.6*		*ug/l*	*100*		*84*	*50-120*			
Surrogate: 2-Fluorophenol	*134*		*ug/l*	*200*		*67*	*30-120*			
Surrogate: Nitrobenzene-d5	*82.3*		*ug/l*	*100*		*82*	*45-120*			
Surrogate: Phenol-d6	*151*		*ug/l*	*200*		*75*	*35-120*			
Surrogate: Terphenyl-d14	*93.3*		*ug/l*	*100*		*93*	*50-125*			

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Received: 01/19/09

METHOD BLANK/QC DATA

SW846 8141A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9026141 Extracted: 01/26/09										
Blank Analyzed: 02/03/2009 (D9A260000141B)					**Source:**					
Carbophenothion	ND	0.6	ug/L				-			
Phosmet	ND	1.5	ug/L				-			
Surrogate: Chlormefos	*1.5*		*ug/L*	*2*		*74*	*49-171*			
Surrogate: Triphenyl phosphate	*2.1*		*ug/L*	*2*		*103*	*60-154*			
LCS Analyzed: 02/03/2009 (D9A260000141C)					**Source:**					
Azinphos-methyl	3.54	2.5	ug/L	4		88	42-125	11	36	
Chlorpyrifos	3.38	1.5	ug/L	4		84	60-120	10	34	
Coumaphos	3.29	1	ug/L	4		82	61-115	10	43	
Demeton (total)	3.26	3	ug/L	4		82	33-141	12	50	
Diazinon	3.37	0.5	ug/L	4		84	47-149	11	40	
Dichlorvos	3.37	0.5	ug/L	4		84	40-193	8	49	
Dimethoate	3.1	1.5	ug/L	4		78	33-139	11	50	
Disulfoton	2.38	1	ug/L	4		60	44-139	8	40	
Ethoprop	3.15	1.5	ug/L	4		79	43-165	11	36	
Ethyl parathion	3.5	1	ug/L	4		88	47-142	10	40	
Famphur	7.34	1	ug/L	8		92	51-131	10	88	
Fensulfothion	3.39	2.5	ug/L	4		85	46-115	12	62	
Fenthion	3.63	2.5	ug/L	4		91	63-128	10	41	
Malathion	2.96	2	ug/L	4		74	53-137	10	28	
Methyl parathion	3.79	4	ug/L	4		95	55-131	11	30	
Mevinphos	3.03	6.2	ug/L	4		76	39-175	10	40	
O,O,O-Triethyl phosphorothioate	2.97	0.5	ug/L	4		74	65-143	8	40	
Phorate	2.96	1.2	ug/L	4		74	46-142	11	40	
Ronnel	3.35	10	ug/L	4		84	43-115	11	39	
Simazine	4.82	10	ug/L	4		121	15-176	5	31	
Sulfotepp	2.77	1.5	ug/L	4		69	29-166	10	40	
Tetrachlorvinphos	3.43	NA	ug/L	4		86	53-123	10	40	
Thionazin	3.27	1	ug/L	4		82	39-180	12	40	
Trichloronate	2.83	1.5	ug/L	4		71	60-115	10	38	
Carbophenothion	3.88	0.6	ug/L	4		97	50-150	10	30	
Phosmet	2.84	1.5	ug/L	4		71	50-150	10	30	
Surrogate: Chlormefos	*1.28*		*ug/L*	*2*		*64*	*49-171*			
Surrogate: Triphenyl phosphate	*1.9*		*ug/L*	*2*		*95*	*60-154*			

TestAmerica Irvine

Amy Windham
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

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

METHOD BLANK/QC DATA

SW846 8141A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9026141 Extracted: 01/26/09										
LCS Dup Analyzed: 02/03/2009 (D9A260000141L)					**Source:**					
Azinphos-methyl	3.18	2.5	ug/L	4		80	42-125	11	36	
Chlorpyrifos	3.05	1.5	ug/L	4		76	60-120	10	34	
Coumaphos	2.98	1	ug/L	4		75	61-115	10	43	
Demeton (total)	2.88	3	ug/L	4		72	33-141	12	50	
Diazinon	3.03	0.5	ug/L	4		76	47-149	11	40	
Dichlorvos	3.12	0.5	ug/L	4		78	40-193	8	49	
Dimethoate	2.79	1.5	ug/L	4		70	33-139	11	50	
Disulfoton	2.19	1	ug/L	4		55	44-139	8	40	
Ethoprop	2.83	1.5	ug/L	4		71	43-165	11	36	
Ethyl parathion	3.18	1	ug/L	4		80	47-142	10	40	
Famphur	6.66	1	ug/L	8		83	51-131	10	88	
Fensulfothion	3.02	2.5	ug/L	4		75	46-115	12	62	
Fenthion	3.27	2.5	ug/L	4		82	63-128	10	41	
Malathion	2.67	2	ug/L	4		67	53-137	10	28	
Methyl parathion	3.38	4	ug/L	4		85	55-131	11	30	
Mevinphos	2.75	6.2	ug/L	4		69	39-175	10	40	
O,O,O-Triethyl phosphorothioate	3.21	0.5	ug/L	4		80	65-143	8	40	
Phorate	2.64	1.2	ug/L	4		66	46-142	11	40	
Ronnel	3.02	10	ug/L	4		75	43-115	11	39	
Simazine	4.57	10	ug/L	4		114	15-176	5	31	
Sulfotepp	2.5	1.5	ug/L	4		62	29-166	10	40	
Tetrachlorvinphos	3.09	NA	ug/L	4		77	53-123	10	40	
Thionazin	2.91	1	ug/L	4		73	39-180	12	40	
Trichloronate	2.57	1.5	ug/L	4		64	60-115	10	38	
Carbophenothion	3.52	0.6	ug/L	4		88	50-150	10	30	
Phosmet	2.57	1.5	ug/L	4		64	50-150	10	30	
Surrogate: Chlormefos	*1.1*		*ug/L*	*2*		*55*	*49-171*			
Surrogate: Triphenyl phosphate	*1.72*		*ug/L*	*2*		*86*	*60-154*			

TestAmerica Irvine

Amy Windham
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

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

METHOD BLANK/QC DATA

Alpha Acids

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 21385 Extracted: 01/27/09										
Matrix Spike Analyzed: 01/27/2009 (09012124-02AMS)					**Source: ISA1508-02**					
Dimethyl phosphorodithioic acid	1.94	0.25	mg/L	2	0	97	50-150	0	20	
Phthalic acid	0.999	0.050	mg/L	1	0	100	60-140	0	20	
4-Chlorobenzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Benzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Diethyl phosphorodithioic acid	ND	0.050	mg/L	2	0	0	60-140	0	20	
Matrix Spike Dup Analyzed: 01/27/2009 (09012124-02AMSD)					**Source: ISA1508-02**					
Dimethyl phosphorodithioic acid	1.95	0.25	mg/L	2	0	97	50-150	0	20	
Phthalic acid	0.997	0.050	mg/L	1	0	100	60-140	0	20	
4-Chlorobenzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Benzenesulfonic acid	ND	0.050	mg/L	1	0	0	60-140	0	20	
Diethyl phosphorodithioic acid	ND	0.050	mg/L	2	0	0	60-140	0	20	
Matrix Spike Dup Analyzed: 01/28/2009 (09012124-02AMSQ)					**Source: 09012124-02AA**					
Dimethyl phosphorodithioic acid	ND	0.25	mg/L	2	0	0	50-150	0	20	
Phthalic acid	ND	0.050	mg/L	50	0	0	60-140	0	20	
4-Chlorobenzenesulfonic acid	75.9	0.050	mg/L	50	23.245	105	60-140	1	20	
Benzenesulfonic acid	78.4	0.050	mg/L	50	25.861	105	60-140	1	20	
Diethyl phosphorodithioic acid	223	0.050	mg/L	50	166.992	113	60-140	2	20	
Matrix Spike Analyzed: 01/28/2009 (09012124-02AMST)					**Source: 09012124-02AA**					
Dimethyl phosphorodithioic acid	ND	0.25	mg/L	2	0	0	50-150	0	20	
Phthalic acid	ND	0.050	mg/L	50	0	0	60-140	0	20	
4-Chlorobenzenesulfonic acid	75.2	0.050	mg/L	50	23.245	104	60-140	0	20	
Benzenesulfonic acid	77.5	0.050	mg/L	50	25.861	103	60-140	0	20	
Diethyl phosphorodithioic acid	219	0.050	mg/L	50	166.992	103	60-140	0	20	
LCS Analyzed: 01/27/2009 (LCS-21385)					**Source:**					
Dimethyl phosphorodithioic acid	1.08	0.25	mg/L	1		108	50-150			
Phthalic acid	0.502	0.050	mg/L	0.5		100	60-140			
4-Chlorobenzenesulfonic acid	0.514	0.050	mg/L	0.5		103	60-140			
Benzenesulfonic acid	0.521	0.050	mg/L	0.5		104	60-140			
Diethyl phosphorodithioic acid	0.529	0.050	mg/L	0.5		106	60-140			

TestAmerica Irvine

Amy Windham
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

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Consent Wells (Henderson)
3200A
Report Number: ISA1508

Sampled: 01/19/09
Received: 01/19/09

METHOD BLANK/QC DATA

Alpha Acids

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 21385 Extracted: 01/27/09										
Blank Analyzed: 01/27/2009 (MBLK-21385)					**Source:**					
Dimethyl phosphorodithioic acid	ND	0.25	mg/L				-			
Phthalic acid	ND	0.050	mg/L				-			
4-Chlorobenzenesulfonic acid	ND	0.050	mg/L				-			
Benzenesulfonic acid	ND	0.050	mg/L				-			
Diethyl phosphorodithioic acid	ND	0.050	mg/L				-			

TestAmerica Irvine

Amy Windham
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Consent Wells (Henderson) 3200A Report Number: ISA1508	Sampled: 01/19/09 Received: 01/19/09

DATA QUALIFIERS AND DEFINITIONS

M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. 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.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
RL3	Reporting limit raised due to high concentrations of non-target analytes.
Z	Due to sample matrix effects, the surrogate recovery was below 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 Windham
Project Manager

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17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Consent Wells (Henderson) 3200A Report Number: ISA1508	Sampled: 01/19/09 Received: 01/19/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EPA 8260B	Water	X	X
EPA 8270C	Water	X	X

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

Alpha Analytical (Nevada) - SUB

255 Glendale Suite 21 - Sparks, NV 89431

Analysis Performed: Organic Acids
Samples: ISA1508-01, ISA1508-02

ALPS

Method Performed: ACIDS_HPLC_W
Samples: ISA1508-01, ISA1508-02

TestAmerica Denver

4955 Yarrow Street - Arvada, CO 80002

Method Performed: SW846 8141A
Samples: ISA1508-01, ISA1508-02

TestAmerica Irvine

Amy Windham
Project Manager

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Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Ed Modiano	Site Contact: Doug Bell	Date: 1/19/09	COC No:
de maximis, inc.	Tel/Fax: 619-546-8377	Lab Contact: Amy Windham	Carrier:	1 of 1 COCs
1322 Scott St., Suite 101	Analysis Turnaround Time			Job No. 3200A
San Diego, CA 92106	Calendar (C) or Work Days (W) W			
(619) 546-8377 Phone	TAT if different from Below			SDG No.
(619) 546-9980 Fax	☒ 2 weeks			
Project Name: 3200A Henderson Consent Order	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Container Type	Sample Date	Sample Time	Preservation Type	Matrix	# of Cont.	Filtered Sample	8260B-HEND-Qurty	8270C-HEND-4CPMS only	8141A-carbophenothion & phosmet only-Hend-OUT	Organic Acids-Out	LEVEL IV REQUIRED	Sample Specific Notes:
H-18A-	Va.	1/19/09	0838	Va.	A2	10		X	X	X	X		
H-21R-			1005			10		X	X	X	X		~~subbed to Alpha~~
H-49A-			1210			5		X	X				
H-56A-			1120			5		X	X				No organic
H-58A-			1300			5		X	X				acid samples
													provided.

1/19/09 by

0.0 01/20/09 14:45

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Sample Integrity: (circle one)
intact: Y / N on ice: Y / N
temperature:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Kurt	Converse	1/19/09 1412	[signature]	TA-LV	1/19/09 14:12
[signature] via FedEx	TA-LV	1/19/09 16:00			
			Vn Bank	TA/Irv.	1/20/09 10:15

(V) (CS) 5.2/4.7

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778
(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

ANALYTICAL REPORT

Test America Analytical Testing Corporation
17461 Derian Avenue. Suite 100
Irvine, CA 92614

Attn: Amy Windham
Phone: (949) 261-1022
Fax: (949) 261-1228
Date Received : 01/21/09

Job#: ISA1508

Organic Acids by HPLC
Alpha Acids

		Parameter	Concentration	Reporting Limit	Date Sampled	Date Analyzed
Client ID :	**ISA1508-01**					
Lab ID :	TAC09012124-01A	Dimethyl phosphorodithioic acid	ND	0.25 mg/L	01/19/09	01/27/09
		Benzenesulfonic acid	0.20	0.050 mg/L	01/19/09	01/27/09
		Phthalic acid	ND	0.050 mg/L	01/19/09	01/27/09
		Diethyl phosphorodithioic acid	ND	0.050 mg/L	01/19/09	01/27/09
		4-Chlorobenzenesulfonic acid	0.16	0.050 mg/L	01/19/09	01/27/09
Client ID :	**ISA1508-02**					
Lab ID :	TAC09012124-02A	Dimethyl phosphorodithioic acid	ND	0.25 mg/L	01/19/09	01/27/09
		Benzenesulfonic acid	26	5.0 mg/L	01/19/09	01/28/09
		Phthalic acid	ND	0.050 mg/L	01/19/09	01/27/09
		Diethyl phosphorodithioic acid	170	5.0 mg/L	01/19/09	01/28/09
		4-Chlorobenzenesulfonic acid	23	5.0 mg/L	01/19/09	01/28/09

Sample data was verified by spike addition confirmation.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 736-7522 / info@alpha-analytical.com
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

1/29/09
Report Date

Alpha Analytical, Inc.

255 Glendale Ave. • Suite 21 • Sparks, Nevada 89431-5778

(775) 355-1044 • (775) 355-0406 FAX • 1-800-283-1183

Date: *29-Jan-09*

QC Summary Report

Work Order: 09012124

Method Blank

Type **MBLK** Test Code: **Alpha Acids**

File ID: Batch ID: **21385** Analysis Date: **01/27/2009 09:46**

Sample ID: **MBLK-21385** Units : **mg/L** Run ID: **HPLC_3_090127A** Prep Date: **01/27/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	ND	0.25								
Benzenesulfonic acid	ND	0.05								
Phthalic acid	ND	0.05								
Diethyl phosphorodithioic acid	ND	0.05								
4-Chlorobenzenesulfonic acid	ND	0.05								

Laboratory Control Spike

Type **LCS** Test Code: **Alpha Acids**

File ID: Batch ID: **21385** Analysis Date: **01/27/2009 10:49**

Sample ID: **LCS-21385** Units : **mg/L** Run ID: **HPLC_3_090127A** Prep Date: **01/27/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	1.08	0.25	1		108	50	150			
Benzenesulfonic acid	0.521	0.05	0.5		104	60	140			
Phthalic acid	0.502	0.05	0.5		100	60	140			
Diethyl phosphorodithioic acid	0.529	0.05	0.5		106	60	140			
4-Chlorobenzenesulfonic acid	0.514	0.05	0.5		103	60	140			

Sample Matrix Spike

Type **MS** Test Code: **Alpha Acids**

File ID: Batch ID: **21385** Analysis Date: **01/27/2009 21:16**

Sample ID: **09012124-02AMS** Units : **mg/L** Run ID: **HPLC_3_090127A** Prep Date: **01/27/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	1.94	0.25	2	0	97	50	150			
Phthalic acid	0.999	0.05	1	0	99.9	60	140			

Sample Matrix Spike

Type **MS** Test Code: **Alpha Acids**

File ID: Batch ID: **21385** Analysis Date: **01/28/2009 11:00**

Sample ID: **09012124-02AMSA** Units : **mg/L** Run ID: **HPLC_3_090127A** Prep Date: **01/28/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzenesulfonic acid	77.5	0.05	50	25.86	103	60	140			
4-Chlorobenzenesulfonic acid	75.2	0.05	50	23.25	104	60	140			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **Alpha Acids**

File ID: Batch ID: **21385** Analysis Date: **01/27/2009 22:19**

Sample ID: **09012124-02AMSD** Units : **mg/L** Run ID: **HPLC_3_090127A** Prep Date: **01/27/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Dimethyl phosphorodithioic acid	1.95	0.25	2	0	97	50	150	1.937	0.5(20)	
Phthalic acid	0.997	0.05	1	0	99.7	60	140	0.999	0.2(20)	

Sample Matrix Spike Duplicate

Type **MSD** Test Code: **Alpha Acids**

File ID: Batch ID: **21385** Analysis Date: **01/28/2009 12:03**

Sample ID: **09012124-02AMSDA** Units : **mg/L** Run ID: **HPLC_3_090127A** Prep Date: **01/28/2009**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Benzenesulfonic acid	78.4	0.05	50	25.86	105	60	140	77.54	1.2(20)	
4-Chlorobenzenesulfonic acid	75.9	0.05	50	23.25	105	60	140	75.2	1.0(20)	

Comments:

Calculations are based off of raw (non-rounded) data. However, for reporting purposes, all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Sample data was verified by spike addition confirmation.

Billing Information :

CHAIN-OF-CUSTODY RECORD

NV

Alpha Analytical, Inc.
255 Glendale Avenue, Suite 21 Sparks, Nevada 89431-5778
TEL: (775) 355-1044 FAX: (775) 355-0406

WorkOrder : TAC09012124

Report Due By : 5:00 PM On : 30-Jan-09

Report Attention	Phone Number	EMail Address
Amy Windham	(949) 261-1022 x	amy.windham@testamericainc.com

Client:
Test America Analytical Testing Corporation
17461 Derian Avenue. Suite 100

Irvine, CA 92614

EDD Required : **Yes**

Sampled by : Client

PO :

Client's COC # : none Job : ISA1508

Cooler Temp	Samples Received	Date Printed
4 °C	21-Jan-09	21-Jan-09

QC Level : 4 = Final Rpt, MBLK, LCS, MS/MSD, InitCal/ConCal data

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests: ACIDS_HPLC_W								Sample Remarks
TAC09012124-01A	ISA1508-01	AQ	01/19/09 08:38	3	0	7	OrganicAcids								
TAC09012124-02A	ISA1508-02	AQ	01/19/09 10:05	3	0	7	OrganicAcids								

Comments: Security seals intact. Frozen ice. Client requests J-Flags. :

	Signature	Print Name	Company	Date/Time
Logged in by:	K Murray	K Murray	Alpha Analytical, Inc.	1/21/09 1040

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.
The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.
Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

SUBCONTRACT ORDER

TestAmerica Irvine

ISA1508

SENDING LABORATORY:

TestAmerica Irvine
17461 Derian Avenue. Suite 100
Irvine, CA 92614
Phone: (949) 261-1022
Fax: (949) 260-3297
Project Manager: Amy Windham

RECEIVING LABORATORY:

Alpha Analytical (Nevada) - SUB
255 Glendale Suite 21
Sparks, NV 89431
Phone :(775) 355-1044
Fax: na
Project Location: NV - NEVADA
Receipt Temperature: 4 °C Ice: Y / N

Analysis	Units	Due	Expires	Comments
Sample ID: ISA1508-01	**Water**		Sampled: **01/19/09 08:38**	TAC09012124-01
Organic Acids-Out	mg/l	01/29/09	02/16/09 08:38	sub Alpha Analytical, Sparks NV VOAs unpres
Containers Supplied:				
1 L Amber (D)	1 L Amber (E)		1 L Amber (F)	
Sample ID: ISA1508-02	**Water**		Sampled: **01/19/09 10:05**	02
Organic Acids-Out	mg/l	01/29/09	02/16/09 10:05	sub Alpha Analytical, Sparks NV VOAs unpres
Containers Supplied:				
1 L Amber (D)	1 L Amber (E)		1 L Amber (F)	

Released By	Date/Time	Received By	Date/Time
Olga Ornelas	1/20/09 17:00	FedEx	1/20/09 17:00
		K Murray	1/21/09 1035
Released By	Date/Time	Received By	Date/Time

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

Project # ISA1508

De Maximis, Inc., San Diego

TestAmerica Denver Lot # D9A230264

Amy Windham

TestAmerica - Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614

TestAmerica Denver

DiLea Griego
Project Manager

February 5, 2009

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Standard Deliverables

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Standard Deliverables *The Cover Letter and the Report Cover page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

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Case Narrative
D9A230264

The results included in this report have been reviewed for compliance with TestAmerica Denver's Quality Assurance/Quality Control (QA/QC) plan. The test results shown in this report meet all requirements of NELAC and any exceptions are noted below.

This report may include data with reporting limits (RLs) less than TestAmerica Denver's standard reporting limits. These data and reporting limits are being used specifically to meet the needs of this project. Note that, data are not customarily reported to these levels without qualifiers, because they are inherently less reliable and potentially less defensible than the latest industry standards require.

Dilution factors and footnotes have been provided to assist in the interpretation of the results. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interferences or analytes present at concentrations above the linear calibration curve, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the analytical methods summary page in accordance with the methods indicated. A summary of quality control parameters is provided below.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Sample Arrival and Receipt
Two samples were received under chain of custody on January 23, 2009. The samples were received in good condition at a temperature of 0.3°C.

GC Semivolatiles, SW846 8141A
The method required MS/MSD could not be performed for QC batch 9026141 due to insufficient sample volume. A duplicate LCS/LCSD was analyzed to provide some evidence of batch precision.

Continuing Calibration Verification (CCV) standards associated with QC batch 9026141 exhibited %Difference (%D) values out of range, biased low, as detailed below. The overall mean %D is within control limits; therefore, method criteria have been met and corrective action is deemed unnecessary. Associated sample results were non-detect.

<u>CCV2Column A:</u> Chlormefos: -18.1%
<u>CCV2Column B:</u> Chlormefos: -17.0%

No other anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D9A230264

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
NO DETECTABLE PARAMETERS				

METHODS SUMMARY

D9A230264

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Organophosphorous Compounds by GC	SW846 8141A	SW846 3510

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D9A230264

ANALYTICAL METHOD	ANALYST	ANALYST ID
SW846 8141A	Mike Kellison	003852

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D9A230264

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K58DJ	001	ISA1508-01	01/19/09	08:38
K58DL	002	ISA1508-02	01/19/09	10:05

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: ISA1508-01

GC Semivolatiles

Lot-Sample #...:	D9A230264-001	**Work Order #...:**	K58DJ1AC	**Matrix.....:**	WATER
Date Sampled...:	01/19/09 08:38	**Date Received..:**	01/23/09		
Prep Date.....:	01/26/09	**Analysis Date..:**	02/03/09		
Prep Batch #...:	9026141	**Analysis Time..:**	22:35		
Dilution Factor:	1				
		Method.....:	SW846 8141A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phosmet	ND	1.5	ug/L
Carbophenothion	ND	0.60	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Chlormefos	53	(49 - 171)
Triphenyl phosphate	95	(60 - 154)

TestAmerica Irvine

Client Sample ID: ISA1508-02

GC Semivolatiles

Lot-Sample #...:	D9A230264-002	**Work Order #...:**	K58DL1AA	**Matrix.....:**	WATER
Date Sampled...:	01/19/09 10:05	**Date Received..:**	01/23/09		
Prep Date.....:	01/26/09	**Analysis Date..:**	02/03/09		
Prep Batch #...:	9026141	**Analysis Time..:**	23:04		
Dilution Factor:	1				
		Method.....:	SW846 8141A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Phosmet	ND	1.5	ug/L
Carbophenothion	ND	0.60	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Chlormefos	78	(49 - 171)
Triphenyl phosphate	90	(60 - 154)

QC DATA ASSOCIATION SUMMARY

D9A230264

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8141A		9026141	
002	WATER	SW846 8141A		9026141	

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D9A230264 **Work Order #...:** K59ND1AA **Matrix.....:** WATER
MB Lot-Sample #: D9A260000-141

Prep Date.....: 01/26/09 **Analysis Time..:** 16:12
Analysis Date..: 02/03/09 **Prep Batch #...:** 9026141
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Phosmet	ND	1.5	ug/L	SW846 8141A
Carbophenothion	ND	0.60	ug/L	SW846 8141A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Chlormefos	74	(49 - 171)
Triphenyl phosphate	103	(60 - 154)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D9A230264 Work Order #...: K59ND1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: D9A260000-141 K59ND1AD-LCSD
Prep Date.....: 01/26/09 Analysis Date..: 02/03/09
Prep Batch #...: 9026141 Analysis Time..: 16:41
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Carbophenothion	97	(50 - 150)			SW846 8141A
	88	(50 - 150)	9.7	(0-30)	SW846 8141A
Phosmet	71	(50 - 150)			SW846 8141A
	64	(50 - 150)	10	(0-30)	SW846 8141A
Demeton (total)	82	(33 - 141)			SW846 8141A
	72	(33 - 141)	12	(0-50)	SW846 8141A
Diazinon	84	(47 - 149)			SW846 8141A
	76	(47 - 149)	11	(0-40)	SW846 8141A
Malathion	74	(53 - 137)			SW846 8141A
	67	(53 - 137)	10	(0-28)	SW846 8141A
Phorate	74	(46 - 142)			SW846 8141A
	66	(46 - 142)	11	(0-40)	SW846 8141A
Methyl parathion	95	(55 - 131)			SW846 8141A
	85	(55 - 131)	11	(0-30)	SW846 8141A
Azinphos-methyl	88	(42 - 125)			SW846 8141A
	80	(42 - 125)	11	(0-36)	SW846 8141A
Chlorpyrifos	84	(60 - 120)			SW846 8141A
	76	(60 - 120)	10	(0-34)	SW846 8141A
Coumaphos	82	(61 - 115)			SW846 8141A
	75	(61 - 115)	9.7	(0-43)	SW846 8141A
Dichlorvos	84	(40 - 193)			SW846 8141A
	78	(40 - 193)	7.7	(0-49)	SW846 8141A
Dimethoate	78	(33 - 139)			SW846 8141A
	70	(33 - 139)	11	(0-50)	SW846 8141A
Disulfoton	60	(44 - 139)			SW846 8141A
	55	(44 - 139)	8.2	(0-40)	SW846 8141A
Ethoprop	79	(43 - 165)			SW846 8141A
	71	(43 - 165)	11	(0-36)	SW846 8141A
Famphur	92	(51 - 131)			SW846 8141A
	83	(51 - 131)	9.8	(0-88)	SW846 8141A
Fensulfothion	85	(46 - 115)			SW846 8141A
	75	(46 - 115)	12	(0-62)	SW846 8141A
Fenthion	91	(63 - 128)			SW846 8141A
	82	(63 - 128)	10	(0-41)	SW846 8141A
Mevinphos	76	(39 - 175)			SW846 8141A
	69	(39 - 175)	9.5	(0-40)	SW846 8141A
Tetrachlorvinphos	86	(53 - 123)			SW846 8141A
	77	(53 - 123)	10	(0-40)	SW846 8141A
Thionazin	82	(39 - 180)			SW846 8141A
	73	(39 - 180)	12	(0-40)	SW846 8141A

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D9A230264 **Work Order #...:** K59ND1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D9A260000-141 K59ND1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Ronnel	**84**	**(43 - 115)**			**SW846 8141A**
	75	**(43 - 115)**	**11**	**(0-39)**	**SW846 8141A**
Sulfotepp	**69**	**(29 - 166)**			**SW846 8141A**
	62	**(29 - 166)**	**10**	**(0-40)**	**SW846 8141A**
Trichloronate	**71**	**(60 - 115)**			**SW846 8141A**
	64	**(60 - 115)**	**9.7**	**(0-38)**	**SW846 8141A**
Ethyl parathion	**88**	**(47 - 142)**			**SW846 8141A**
	80	**(47 - 142)**	**9.6**	**(0-40)**	**SW846 8141A**
Simazine	**121**	**(15 - 176)**			**SW846 8141A**
	114	**(15 - 176)**	**5.4**	**(0-31)**	**SW846 8141A**
O,O,O-Triethylphosphorothioate	**74**	**(65 - 143)**			**SW846 8141A**
	80	**(65 - 143)**	**7.9**	**(0-40)**	**SW846 8141A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Chlormefos	64	(49 - 171)
	55	(49 - 171)
Triphenyl phosphate	95	(60 - 154)
	86	(60 - 154)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D9A230264 Work Order #...: K59ND1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: D9A260000-141 K59ND1AD-LCSD
Prep Date.....: 01/26/09 Analysis Date..: 02/03/09
Prep Batch #...: 9026141 Analysis Time..: 16:41
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Carbophenothion	4.00	3.88	ug/L	97		SW846 8141A
	4.00	3.52	ug/L	88	9.7	SW846 8141A
Phosmet	4.00	2.84	ug/L	71		SW846 8141A
	4.00	2.57	ug/L	64	10	SW846 8141A
Demeton (total)	4.00	3.26	ug/L	82		SW846 8141A
	4.00	2.88	ug/L	72	12	SW846 8141A
Diazinon	4.00	3.37	ug/L	84		SW846 8141A
	4.00	3.03	ug/L	76	11	SW846 8141A
Malathion	4.00	2.96	ug/L	74		SW846 8141A
	4.00	2.67	ug/L	67	10	SW846 8141A
Phorate	4.00	2.96	ug/L	74		SW846 8141A
	4.00	2.64	ug/L	66	11	SW846 8141A
Methyl parathion	4.00	3.79	ug/L	95		SW846 8141A
	4.00	3.38	ug/L	85	11	SW846 8141A
Azinphos-methyl	4.00	3.54	ug/L	88		SW846 8141A
	4.00	3.18	ug/L	80	11	SW846 8141A
Chlorpyrifos	4.00	3.38	ug/L	84		SW846 8141A
	4.00	3.05	ug/L	76	10	SW846 8141A
Coumaphos	4.00	3.29	ug/L	82		SW846 8141A
	4.00	2.98	ug/L	75	9.7	SW846 8141A
Dichlorvos	4.00	3.37	ug/L	84		SW846 8141A
	4.00	3.12	ug/L	78	7.7	SW846 8141A
Dimethoate	4.00	3.10	ug/L	78		SW846 8141A
	4.00	2.79	ug/L	70	11	SW846 8141A
Disulfoton	4.00	2.38	ug/L	60		SW846 8141A
	4.00	2.19	ug/L	55	8.2	SW846 8141A
Ethoprop	4.00	3.15	ug/L	79		SW846 8141A
	4.00	2.83	ug/L	71	11	SW846 8141A
Famphur	8.00	7.34	ug/L	92		SW846 8141A
	8.00	6.66	ug/L	83	9.8	SW846 8141A
Fensulfothion	4.00	3.39	ug/L	85		SW846 8141A
	4.00	3.02	ug/L	75	12	SW846 8141A
Fenthion	4.00	3.63	ug/L	91		SW846 8141A
	4.00	3.27	ug/L	82	10	SW846 8141A
Mevinphos	4.00	3.03	ug/L	76		SW846 8141A
	4.00	2.75	ug/L	69	9.5	SW846 8141A
Tetrachlorvinphos	4.00	3.43	ug/L	86		SW846 8141A
	4.00	3.09	ug/L	77	10	SW846 8141A
Thionazin	4.00	3.27	ug/L	82		SW846 8141A
	4.00	2.91	ug/L	73	12	SW846 8141A

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D9A230264 **Work Order #...:** K59ND1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D9A260000-141 K59ND1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Ronnel	**4.00**	**3.35**	**ug/L**	**84**		**SW846 8141A**
	4.00	**3.02**	**ug/L**	**75**	**11**	**SW846 8141A**
Sulfotepp	**4.00**	**2.77**	**ug/L**	**69**		**SW846 8141A**
	4.00	**2.50**	**ug/L**	**62**	**10**	**SW846 8141A**
Trichloronate	**4.00**	**2.83**	**ug/L**	**71**		**SW846 8141A**
	4.00	**2.57**	**ug/L**	**64**	**9.7**	**SW846 8141A**
Ethyl parathion	**4.00**	**3.50**	**ug/L**	**88**		**SW846 8141A**
	4.00	**3.18**	**ug/L**	**80**	**9.6**	**SW846 8141A**
Simazine	**4.00**	**4.82**	**ug/L**	**121**		**SW846 8141A**
	4.00	**4.57**	**ug/L**	**114**	**5.4**	**SW846 8141A**
O,O,O-Triethylphosphorothioate	**4.00**	**2.97**	**ug/L**	**74**		**SW846 8141A**
	4.00	**3.21**	**ug/L**	**80**	**7.9**	**SW846 8141A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Chlormefos	64	(49 - 171)
	55	(49 - 171)
Triphenyl phosphate	95	(60 - 154)
	86	(60 - 154)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

TestAmerica Denver

Sample Receiving Checklist

Lot #: D9A230264 Date/Time Received: 1-23-09 @ 930

Company Name & Sampling Site: IWINE

PM to Complete This Section: *Yes* *No* *Yes* *No*

Residual chlorine check required: ☐ ☐ Quarantined : ☐ ☐

Quote #: 74533

Special Instructions:

TR

Time Zone:

• EDT/EST • CDT/CST • MDT/MST • PDT/PST • OTHER

Unpacking Checks:

Cooler #(s): 1

Temperatures (°C): 0.3

N/A	*Yes*	*No*		*Initials*
☐	☑	☐	1. Cooler seals intact? (N/A if hand delivered) If no, document on CUR.	
	☑	☐	2. Coolers scanned for radiation. Is the reading ≤ to background levels? Yes: ✓ No:____	
	☑	☐	3. Chain of custody present? If no, document on CUR.	
	☐	☑	4. Bottles broken and/or are leaking? If yes, document on CUR.	
	☐	☑	5. Multiphasic samples obvious? If yes, document on CUR.	
	☑	☐	6. Proper container & preservatives used? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR.	
☑	☐	☐	7. pH of all samples checked and meet requirements? If no, document on CUR.	
	☑	☐	8. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	
	☑	☐	9. Did chain of custody agree with labels ID and samples received? If no, document on CUR.	
☑	☐	☐	10. Were VOA samples without headspace? If no, document on CUR.	
☑	☐	☐	11. Were VOA vials preserved? Preservative ☐HCl ☐4±2°C ☐Sodium Thiosulfate ☐ Ascorbic Acid	
	☐	☑	12. Did samples require preservation with sodium thiosulfate?	
☑	☐	☐	13. If yes to #11, did the samples contain residual chlorine? If yes, document on CUR.	
☑	☐	☐	14. Sediment present in dissolved/filtered bottles? If yes, document on CUR.	
☑	☐	☐	15. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	16. Receipt date(s) > 48 hours past the collection date(s)? If yes, notify PA/PM.	
	☐	☑	17. Are analyses with short holding times requested?	
	☐	☑	18. Was a quick Turn Around (TAT) requested?	

\QA\Edit\FORMS\Sample Receiving\Sample Receiving Checklist 9-2-08

TestAmerica Denver

Sample Receiving Checklist

Lot # DGA230264

Login Checks:

Initials AT

N/A	Yes	No		
	☑	☐	19. Sufficient volume provided for all analysis requested? (ref. Attachment D of SOP# DV-QA-0003) If no, document on CUR, and contact PM before proceeding.	
☑	☐	☐	20. Is sufficient volume provided for client requested MS, MSD or matrix duplicates? If no, document on CUR, and contact PM before proceeding.	
	☑	☐	21. Did the chain of custody includes "received by" and "relinquished" by signatures, dates, and times?	
☐	☑	☐	22. Were special log in instructions read and followed?	
☑	☐	☐	23. Were AFCEE metals logged for refrigerated storage?	
	☑	☐	24. Were tests logged checked against the COC? Which samples were confirmed? /	
☑	☐	☐	25. Was a Rush form completed for quick TAT?	
☑	☐	☐	26. Was a Short Hold form completed for any short holds?	
	☑	☐	27. Were special archiving instructions indicated in the General Comments? If so, what were they?	

Labeling and Storage Checks:

Initials JM

☑	☐	☐	28. Was the subcontract COC signed and sent with samples to bottle prep?
	☑	☐	29. Were sample labels double-checked by a second person?
☑	☐	☐	30. Were sample bottles and COC double checked for dissolved/filtered metals by a second person?
	☑	☐	31. Did the sample ID, Date, and Time from label match what was logged?
☑	☐	☐	32. Were stickers for special archiving instructions affixed to each box? See #27
☑	☐	☐	33. Were AFCEE metals stored refrigerated?

Document any problems or discrepancies and the actions taken to resolve them on a Condition Upon Receipt Anomaly Report (CUR).

SUBCONTRACT ORDER

TestAmerica Irvine

ISA1508

Lm 1/23/09

SENDING LABORATORY:	RECEIVING LABORATORY:
TestAmerica Irvine	TestAmerica Denver
17461 Derian Avenue. Suite 100	4955 Yarrow Street
Irvine, CA 92614	Arvada, CO 80002
Phone: (949) 261-1022	Phone :(303) 736-0100
Fax: (949) 260-3297	Fax: (303) 431-7171
Project Manager: Amy Windham	Project Location: NV - NEVADA
Client: de Maximis, Inc. - San Diego	Receipt Temperature:_____°C Ice: Y / N

Analysis	Units	Due	Expires	Interlab Price	Surch	Comments
Sample ID: ISA1508-01	**Water**		Sampled: **01/19/09 08:38**			
8141A-carbophenothion & pl	ug/l	01/29/09	01/26/09 08:38	$135.00	0%	sub to TA Denver!-Carbophenthion & Phosmet only
Containers Supplied:						
1 L Amber (G)	1 L Amber (H)					
Sample ID: ISA1508-02	**Water**		Sampled: **01/19/09 10:05**			
8141A-carbophenothion & pl	ug/l	01/29/09	01/26/09 10:05	$135.00	0%	sub to TA Denver!-Carbophenthion & Phosmet only
Containers Supplied:						
1 L Amber (G)	1 L Amber (H)					

Released By	Date/Time	Received By	Date/Time
Oba Ornelas	1/22/09 17:00	FedEx	1/22/09 17:00
			1.23.09 0950
Released By	Date/Time	Received By	Date/Time

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: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Transect Wells (Henderson)
3200B

Sampled: 01/20/09
Received: 01/21/09
Issued: 01/29/09 11:20

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

LABORATORY ID	CLIENT ID	MATRIX
ISA1759-01	MC-46	Water
ISA1759-02	MC-47	Water
ISA1759-03	MC-48	Water
ISA1759-04	MC-49	Water

Reviewed By:

Debby Wilson

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-01 (MC-46 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Chloroform	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	**3.1**	1	1/26/2009	1/26/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	M1
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-01 (MC-46 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	M2
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/26/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-02 (MC-47 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	**3.5**	1	1/26/2009	1/26/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	**2.7**	1	1/26/2009	1/26/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Chloroform	EPA 8260B	9A26023	2.0	**11**	1	1/26/2009	1/26/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	**3.4**	1	1/26/2009	1/26/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-02 (MC-47 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/26/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/26/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/26/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				
Surrogate: Dibromofluoromethane (80-120%)				*109 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

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1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-03 (MC-48 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	**21**	1	1/26/2009	1/27/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chloroform	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	**7.5**	1	1/26/2009	1/27/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	**11**	1	1/26/2009	1/27/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	**2.3**	1	1/26/2009	1/27/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-03 (MC-48 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	**7.0**	1	1/26/2009	1/27/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/27/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*110 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

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San Diego, CA 92106
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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-04 (MC-49 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	**5.0**	1	1/26/2009	1/27/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	**210**	1	1/26/2009	1/27/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chloroform	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	**29**	1	1/26/2009	1/27/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	**43**	1	1/26/2009	1/27/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	**5.2**	1	1/26/2009	1/27/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-04 (MC-49 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	**13**	1	1/26/2009	1/27/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/27/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*98 %*				

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-01 (MC-46 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A22034	0.19	ND	0.943	1/22/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A22034	0.94	ND	0.943	1/22/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A22034	4.7	ND	0.943	1/22/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*86 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*71 %*				
Sample ID: ISA1759-01RE1 (MC-46 - Water)								
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	9A22034	0.19	**0.71**	1.89	1/22/2009	1/23/2009	
delta-BHC	EPA 3510C/8081A	9A22034	0.38	**0.86**	1.89	1/22/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*88 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*72 %*				
Sample ID: ISA1759-01RE2 (MC-46 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A22034	2.4	**7.5**	23.6	1/22/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*105 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*88 %*				*Z3*

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-02 (MC-47 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
alpha-BHC	EPA 3510C/8081A	9A22034	0.094	**0.11**	0.943	1/22/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A22034	0.19	ND	0.943	1/22/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A22034	0.94	ND	0.943	1/22/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A22034	4.7	ND	0.943	1/22/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*89 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*80 %*				
Sample ID: ISA1759-02RE1 (MC-47 - Water)								
Reporting Units: ug/l								
delta-BHC	EPA 3510C/8081A	9A22034	0.38	**0.82**	1.89	1/22/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*92 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*81 %*				
Sample ID: ISA1759-02RE2 (MC-47 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A22034	0.94	**3.0**	9.43	1/22/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*108 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*94 %*				*Z3*

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-03 (MC-48 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A22034	0.19	ND	0.943	1/22/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A22034	0.94	ND	0.943	1/22/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A22034	4.7	ND	0.943	1/22/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*84 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*67 %*				
Sample ID: ISA1759-03RE1 (MC-48 - Water)								
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	9A22034	0.47	**2.3**	4.72	1/22/2009	1/24/2009	
delta-BHC	EPA 3510C/8081A	9A22034	0.94	**1.1**	4.72	1/22/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*73 %*				
Sample ID: ISA1759-03RE2 (MC-48 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A22034	2.4	**7.6**	23.6	1/22/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*106 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*86 %*				*Z3*

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Project Manager

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de Maximis, Inc. - San Diego
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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1759-04 (MC-49 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A22034	0.19	ND	0.943	1/22/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A22034	0.094	ND	0.943	1/22/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A22034	0.94	ND	0.943	1/22/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A22034	4.7	ND	0.943	1/22/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*87 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*66 %*				
Sample ID: ISA1759-04RE1 (MC-49 - Water)								
Reporting Units: ug/l								
delta-BHC	EPA 3510C/8081A	9A22034	0.94	**1.2**	4.72	1/22/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*96 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*74 %*				
Sample ID: ISA1759-04RE2 (MC-49 - Water)								
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	9A22034	2.4	**3.4**	23.6	1/22/2009	1/24/2009	
beta-BHC	EPA 3510C/8081A	9A22034	2.4	**8.8**	23.6	1/22/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*108 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*87 %*				*Z3*

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Blank Analyzed: 01/26/2009 (9A26023-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Blank Analyzed: 01/26/2009 (9A26023-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
LCS Analyzed: 01/26/2009 (9A26023-BS1)										
Benzene	23.0	2.0	ug/l	25.0		92	70-120			
Bromobenzene	23.0	5.0	ug/l	25.0		92	75-120			
Bromochloromethane	26.1	5.0	ug/l	25.0		104	70-130			
Bromodichloromethane	26.2	2.0	ug/l	25.0		105	70-135			
Bromoform	27.4	5.0	ug/l	25.0		110	55-130			
Bromomethane	23.1	5.0	ug/l	25.0		92	65-140			
n-Butylbenzene	24.7	5.0	ug/l	25.0		99	70-130			
sec-Butylbenzene	24.0	5.0	ug/l	25.0		96	70-125			
tert-Butylbenzene	24.5	5.0	ug/l	25.0		98	70-125			
Carbon tetrachloride	29.2	5.0	ug/l	25.0		117	65-140			
Chlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
Chloroethane	23.7	5.0	ug/l	25.0		95	60-140			
Chloroform	25.6	2.0	ug/l	25.0		102	70-130			
Chloromethane	24.4	5.0	ug/l	25.0		98	50-140			
2-Chlorotoluene	23.9	5.0	ug/l	25.0		96	70-125			
4-Chlorotoluene	24.5	5.0	ug/l	25.0		98	75-125			
1,2-Dibromo-3-chloropropane	28.3	5.0	ug/l	25.0		113	50-135			
Dibromochloromethane	27.6	2.0	ug/l	25.0		110	70-140			
1,2-Dibromoethane (EDB)	24.0	2.0	ug/l	25.0		96	75-125			
Dibromomethane	26.6	2.0	ug/l	25.0		106	70-125			
1,2-Dichlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
1,3-Dichlorobenzene	23.3	2.0	ug/l	25.0		93	75-120			
1,4-Dichlorobenzene	21.5	2.0	ug/l	25.0		86	75-120			
Dichlorodifluoromethane	25.2	5.0	ug/l	25.0		101	35-155			
1,1-Dichloroethane	25.2	2.0	ug/l	25.0		101	70-125			
1,2-Dichloroethane	27.8	2.0	ug/l	25.0		111	60-140			
1,1-Dichloroethene	18.4	5.0	ug/l	25.0		74	70-125			
cis-1,2-Dichloroethene	23.4	2.0	ug/l	25.0		94	70-125			
trans-1,2-Dichloroethene	21.0	2.0	ug/l	25.0		84	70-125			
1,2-Dichloropropane	23.0	2.0	ug/l	25.0		92	70-125			
1,3-Dichloropropane	24.5	2.0	ug/l	25.0		98	70-120			
2,2-Dichloropropane	27.2	2.0	ug/l	25.0		109	65-140			
cis-1,3-Dichloropropene	29.4	2.0	ug/l	25.0		118	75-125			
trans-1,3-Dichloropropene	24.0	2.0	ug/l	25.0		96	70-125			
1,1-Dichloropropene	25.4	2.0	ug/l	25.0		101	75-130			
Ethylbenzene	24.7	2.0	ug/l	25.0		99	75-125			

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
LCS Analyzed: 01/26/2009 (9A26023-BS1)										
Hexachlorobutadiene	25.9	5.0	ug/l	25.0		103	65-135			
Isopropylbenzene	23.4	2.0	ug/l	25.0		93	75-130			
p-Isopropyltoluene	23.7	2.0	ug/l	25.0		95	75-125			
Methylene chloride	22.0	5.0	ug/l	25.0		88	55-130			
Naphthalene	25.4	5.0	ug/l	25.0		101	55-135			
n-Propylbenzene	24.2	2.0	ug/l	25.0		97	75-130			
Styrene	24.3	2.0	ug/l	25.0		97	75-130			
1,1,1,2-Tetrachloroethane	26.0	5.0	ug/l	25.0		104	70-130			
1,1,2,2-Tetrachloroethane	25.3	2.0	ug/l	25.0		101	55-130			
Tetrachloroethene	24.3	2.0	ug/l	25.0		97	70-125			
Toluene	23.5	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	25.5	5.0	ug/l	25.0		102	65-125			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0		102	70-135			
1,1,1-Trichloroethane	27.9	2.0	ug/l	25.0		112	65-135			
1,1,2-Trichloroethane	25.8	2.0	ug/l	25.0		103	70-125			
Trichloroethene	24.4	2.0	ug/l	25.0		98	70-125			
Trichlorofluoromethane	27.5	5.0	ug/l	25.0		110	65-145			
1,2,3-Trichloropropane	24.3	10	ug/l	25.0		97	60-130			
1,2,4-Trimethylbenzene	24.4	2.0	ug/l	25.0		97	75-125			
1,3,5-Trimethylbenzene	23.6	2.0	ug/l	25.0		94	75-125			
Vinyl chloride	26.2	5.0	ug/l	25.0		105	55-135			
m,p-Xylenes	48.6	2.0	ug/l	50.0		97	75-125			
o-Xylene	24.4	2.0	ug/l	25.0		98	75-125			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Dibromofluoromethane	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Analyzed: 01/26/2009 (9A26023-MS1)					**Source: ISA1759-01**					
Benzene	24.4	2.0	ug/l	25.0	ND	98	65-125			
Bromobenzene	25.2	5.0	ug/l	25.0	ND	101	70-125			
Bromochloromethane	29.1	5.0	ug/l	25.0	ND	116	65-135			
Bromodichloromethane	28.8	2.0	ug/l	25.0	ND	115	70-135			
Bromoform	30.4	5.0	ug/l	25.0	ND	121	55-135			
Bromomethane	26.0	5.0	ug/l	25.0	ND	104	55-145			
n-Butylbenzene	27.2	5.0	ug/l	25.0	ND	109	65-135			
sec-Butylbenzene	26.9	5.0	ug/l	25.0	ND	108	70-125			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Analyzed: 01/26/2009 (9A26023-MS1)					**Source: ISA1759-01**					
tert-Butylbenzene	26.8	5.0	ug/l	25.0	ND	107	65-130			
Carbon tetrachloride	31.2	5.0	ug/l	25.0	ND	125	65-140			
Chlorobenzene	26.8	2.0	ug/l	25.0	0.630	105	75-125			
Chloroethane	26.3	5.0	ug/l	25.0	ND	105	55-140			
Chloroform	28.8	2.0	ug/l	25.0	1.67	109	65-135			
Chloromethane	26.8	5.0	ug/l	25.0	ND	107	45-145			
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135			
4-Chlorotoluene	26.8	5.0	ug/l	25.0	ND	107	70-135			
1,2-Dibromo-3-chloropropane	33.2	5.0	ug/l	25.0	ND	133	45-145			
Dibromochloromethane	30.1	2.0	ug/l	25.0	ND	120	65-140			
1,2-Dibromoethane (EDB)	27.7	2.0	ug/l	25.0	ND	111	70-130			
Dibromomethane	29.9	2.0	ug/l	25.0	ND	120	65-135			
1,2-Dichlorobenzene	28.9	2.0	ug/l	25.0	1.90	108	75-125			
1,3-Dichlorobenzene	26.0	2.0	ug/l	25.0	ND	104	75-125			
1,4-Dichlorobenzene	26.4	2.0	ug/l	25.0	3.12	93	75-125			
Dichlorodifluoromethane	27.9	5.0	ug/l	25.0	ND	111	25-155			
1,1-Dichloroethane	28.2	2.0	ug/l	25.0	1.07	108	65-130			
1,2-Dichloroethane	31.3	2.0	ug/l	25.0	ND	125	60-140			
1,1-Dichloroethene	20.3	5.0	ug/l	25.0	ND	81	60-130			
cis-1,2-Dichloroethene	25.2	2.0	ug/l	25.0	ND	101	65-130			
trans-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130			
1,2-Dichloropropane	24.5	2.0	ug/l	25.0	ND	98	65-130			
1,3-Dichloropropane	27.3	2.0	ug/l	25.0	ND	109	65-135			
2,2-Dichloropropane	30.3	2.0	ug/l	25.0	ND	121	60-145			
cis-1,3-Dichloropropene	31.3	2.0	ug/l	25.0	ND	125	70-130			
trans-1,3-Dichloropropene	26.3	2.0	ug/l	25.0	ND	105	65-135			
1,1-Dichloropropene	27.7	2.0	ug/l	25.0	ND	111	70-135			
Ethylbenzene	26.8	2.0	ug/l	25.0	ND	107	65-130			
Hexachlorobutadiene	28.8	5.0	ug/l	25.0	ND	115	60-135			
Isopropylbenzene	25.5	2.0	ug/l	25.0	ND	102	70-135			
p-Isopropyltoluene	26.3	2.0	ug/l	25.0	ND	105	65-130			
Methylene chloride	23.6	5.0	ug/l	25.0	ND	94	50-135			
Naphthalene	30.0	5.0	ug/l	25.0	ND	120	50-140			
n-Propylbenzene	26.9	2.0	ug/l	25.0	ND	108	70-135			
Styrene	0.960	2.0	ug/l	25.0	ND	4	50-145			*M2*
1,1,1,2-Tetrachloroethane	28.9	5.0	ug/l	25.0	ND	115	65-140			

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de Maximis, Inc. - San Diego
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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Analyzed: 01/26/2009 (9A26023-MS1)					**Source: ISA1759-01**					
1,1,2,2-Tetrachloroethane	28.8	2.0	ug/l	25.0	ND	115	55-135			
Tetrachloroethene	27.0	2.0	ug/l	25.0	ND	108	65-130			
Toluene	25.2	2.0	ug/l	25.0	ND	101	70-125			
1,2,3-Trichlorobenzene	29.7	5.0	ug/l	25.0	0.950	115	60-135			
1,2,4-Trichlorobenzene	31.5	5.0	ug/l	25.0	2.54	116	65-135			
1,1,1-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-140			
1,1,2-Trichloroethane	28.9	2.0	ug/l	25.0	ND	116	65-130			
Trichloroethene	26.3	2.0	ug/l	25.0	ND	105	65-125			
Trichlorofluoromethane	30.0	5.0	ug/l	25.0	ND	120	60-145			
1,2,3-Trichloropropane	27.6	10	ug/l	25.0	ND	111	55-135			
1,2,4-Trimethylbenzene	26.5	2.0	ug/l	25.0	ND	106	55-135			
1,3,5-Trimethylbenzene	21.3	2.0	ug/l	25.0	ND	85	70-130			
Vinyl chloride	28.1	5.0	ug/l	25.0	ND	112	45-140			
m,p-Xylenes	52.8	2.0	ug/l	50.0	ND	106	65-130			
o-Xylene	26.7	2.0	ug/l	25.0	ND	107	65-125			
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 01/26/2009 (9A26023-MSD1)					**Source: ISA1759-01**					
Benzene	25.0	2.0	ug/l	25.0	ND	100	65-125	2	20	
Bromobenzene	25.4	5.0	ug/l	25.0	ND	102	70-125	1	20	
Bromochloromethane	28.8	5.0	ug/l	25.0	ND	115	65-135	1	25	
Bromodichloromethane	28.6	2.0	ug/l	25.0	ND	114	70-135	1	20	
Bromoform	31.0	5.0	ug/l	25.0	ND	124	55-135	2	25	
Bromomethane	26.0	5.0	ug/l	25.0	ND	104	55-145	0	25	
n-Butylbenzene	27.5	5.0	ug/l	25.0	ND	110	65-135	1	20	
sec-Butylbenzene	26.1	5.0	ug/l	25.0	ND	104	70-125	3	20	
tert-Butylbenzene	26.4	5.0	ug/l	25.0	ND	106	65-130	1	20	
Carbon tetrachloride	31.0	5.0	ug/l	25.0	ND	124	65-140	1	25	
Chlorobenzene	26.2	2.0	ug/l	25.0	0.630	102	75-125	2	20	
Chloroethane	26.6	5.0	ug/l	25.0	ND	106	55-140	1	25	
Chloroform	28.8	2.0	ug/l	25.0	1.67	108	65-135	0	20	
Chloromethane	27.4	5.0	ug/l	25.0	ND	110	45-145	2	25	
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135	0	20	
4-Chlorotoluene	26.7	5.0	ug/l	25.0	ND	107	70-135	0	20	

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3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Dup Analyzed: 01/26/2009 (9A26023-MSD1)					**Source: ISA1759-01**					
1,2-Dibromo-3-chloropropane	35.4	5.0	ug/l	25.0	ND	142	45-145	6	30	
Dibromochloromethane	29.4	2.0	ug/l	25.0	ND	118	65-140	2	25	
1,2-Dibromoethane (EDB)	27.6	2.0	ug/l	25.0	ND	110	70-130	0	25	
Dibromomethane	31.2	2.0	ug/l	25.0	ND	125	65-135	4	25	
1,2-Dichlorobenzene	28.6	2.0	ug/l	25.0	1.90	107	75-125	1	20	
1,3-Dichlorobenzene	25.9	2.0	ug/l	25.0	ND	104	75-125	0	20	
1,4-Dichlorobenzene	26.5	2.0	ug/l	25.0	3.12	93	75-125	1	20	
Dichlorodifluoromethane	28.2	5.0	ug/l	25.0	ND	113	25-155	1	30	
1,1-Dichloroethane	28.2	2.0	ug/l	25.0	1.07	108	65-130	0	20	
1,2-Dichloroethane	31.2	2.0	ug/l	25.0	ND	125	60-140	0	20	
1,1-Dichloroethene	20.8	5.0	ug/l	25.0	ND	83	60-130	3	20	
cis-1,2-Dichloroethene	26.4	2.0	ug/l	25.0	ND	105	65-130	5	20	
trans-1,2-Dichloroethene	23.0	2.0	ug/l	25.0	ND	92	65-130	2	20	
1,2-Dichloropropane	25.1	2.0	ug/l	25.0	ND	100	65-130	2	20	
1,3-Dichloropropane	27.0	2.0	ug/l	25.0	ND	108	65-135	1	25	
2,2-Dichloropropane	29.8	2.0	ug/l	25.0	ND	119	60-145	2	25	
cis-1,3-Dichloropropene	33.8	2.0	ug/l	25.0	ND	135	70-130	8	20	*M1*
trans-1,3-Dichloropropene	27.8	2.0	ug/l	25.0	ND	111	65-135	6	25	
1,1-Dichloropropene	27.2	2.0	ug/l	25.0	ND	109	70-135	2	20	
Ethylbenzene	26.1	2.0	ug/l	25.0	ND	104	65-130	3	20	
Hexachlorobutadiene	28.8	5.0	ug/l	25.0	ND	115	60-135	0	20	
Isopropylbenzene	25.6	2.0	ug/l	25.0	ND	102	70-135	1	20	
p-Isopropyltoluene	25.9	2.0	ug/l	25.0	ND	104	65-130	2	20	
Methylene chloride	24.8	5.0	ug/l	25.0	ND	99	50-135	5	20	
Naphthalene	31.5	5.0	ug/l	25.0	ND	126	50-140	5	30	
n-Propylbenzene	26.6	2.0	ug/l	25.0	ND	106	70-135	1	20	
Styrene	0.860	2.0	ug/l	25.0	ND	3	50-145	11	30	*M2*
1,1,1,2-Tetrachloroethane	27.6	5.0	ug/l	25.0	ND	110	65-140	4	20	
1,1,2,2-Tetrachloroethane	30.1	2.0	ug/l	25.0	ND	120	55-135	4	30	
Tetrachloroethene	26.1	2.0	ug/l	25.0	ND	104	65-130	4	20	
Toluene	25.6	2.0	ug/l	25.0	ND	102	70-125	1	20	
1,2,3-Trichlorobenzene	30.2	5.0	ug/l	25.0	0.950	117	60-135	2	20	
1,2,4-Trichlorobenzene	31.1	5.0	ug/l	25.0	2.54	114	65-135	1	20	
1,1,1-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-140	0	20	
1,1,2-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-130	2	25	
Trichloroethene	26.8	2.0	ug/l	25.0	ND	107	65-125	2	20	

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Dup Analyzed: 01/26/2009 (9A26023-MSD1)					**Source: ISA1759-01**					
Trichlorofluoromethane	29.3	5.0	ug/l	25.0	ND	117	60-145	2	25	
1,2,3-Trichloropropane	29.6	10	ug/l	25.0	ND	119	55-135	7	30	
1,2,4-Trimethylbenzene	26.1	2.0	ug/l	25.0	ND	104	55-135	1	25	
1,3,5-Trimethylbenzene	19.3	2.0	ug/l	25.0	ND	77	70-130	10	20	
Vinyl chloride	28.8	5.0	ug/l	25.0	ND	115	45-140	3	30	
m,p-Xylenes	50.9	2.0	ug/l	50.0	ND	102	65-130	4	25	
o-Xylene	25.7	2.0	ug/l	25.0	ND	103	65-125	4	20	
Surrogate: 4-Bromofluorobenzene	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*26.9*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

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3200B
Report Number: ISA1759

Sampled: 01/20/09
Received: 01/21/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A22034 Extracted: 01/22/09										
Blank Analyzed: 01/23/2009 (9A22034-BLK1)										
2,4'-DDD	ND	0.10	ug/l							
2,4'-DDE	ND	0.10	ug/l							
2,4'-DDT	ND	0.10	ug/l							
4,4'-DDD	ND	0.10	ug/l							
4,4'-DDE	ND	0.10	ug/l							
4,4'-DDT	ND	0.10	ug/l							
Aldrin	ND	0.10	ug/l							
alpha-BHC	ND	0.10	ug/l							
beta-BHC	ND	0.10	ug/l							
delta-BHC	ND	0.20	ug/l							
Dieldrin	ND	0.10	ug/l							
Endosulfan I	ND	0.10	ug/l							
Endosulfan II	ND	0.10	ug/l							
Endosulfan sulfate	ND	0.20	ug/l							
Endrin	ND	0.10	ug/l							
Endrin aldehyde	ND	0.10	ug/l							
Endrin ketone	ND	0.10	ug/l							
gamma-BHC (Lindane)	ND	0.10	ug/l							
Heptachlor	ND	0.10	ug/l							
Heptachlor epoxide	ND	0.10	ug/l							
Methoxychlor	ND	0.10	ug/l							
Chlordane	ND	1.0	ug/l							
Toxaphene	ND	5.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.437*		*ug/l*	*0.500*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.387*		*ug/l*	*0.500*		*77*	*35-120*			
LCS Analyzed: 01/23/2009 (9A22034-BS1)										**MNR1**
2,4'-DDD	0.425	0.10	ug/l	0.500		85	55-120			
2,4'-DDE	0.419	0.10	ug/l	0.500		84	50-120			
2,4'-DDT	0.433	0.10	ug/l	0.500		87	55-120			
4,4'-DDD	0.442	0.10	ug/l	0.500		88	55-120			
4,4'-DDE	0.417	0.10	ug/l	0.500		83	50-120			
4,4'-DDT	0.457	0.10	ug/l	0.500		91	55-120			
Aldrin	0.386	0.10	ug/l	0.500		77	40-115			
alpha-BHC	0.388	0.10	ug/l	0.500		78	45-115			
beta-BHC	0.369	0.10	ug/l	0.500		74	55-115			

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3200B
Report Number: ISA1759

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Received: 01/21/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A22034 Extracted: 01/22/09										
LCS Analyzed: 01/23/2009 (9A22034-BS1)										**MNR1**
delta-BHC	0.397	0.20	ug/l	0.500		79	55-115			
Dieldrin	0.396	0.10	ug/l	0.500		79	55-115			
Endosulfan I	0.394	0.10	ug/l	0.500		79	55-115			
Endosulfan II	0.336	0.10	ug/l	0.500		67	55-120			
Endosulfan sulfate	0.425	0.20	ug/l	0.500		85	60-120			
Endrin	0.429	0.10	ug/l	0.500		86	55-115			
Endrin aldehyde	0.422	0.10	ug/l	0.500		84	50-120			
Endrin ketone	0.434	0.10	ug/l	0.500		87	55-120			
gamma-BHC (Lindane)	0.406	0.10	ug/l	0.500		81	45-115			
Heptachlor	0.402	0.10	ug/l	0.500		80	45-115			
Heptachlor epoxide	0.379	0.10	ug/l	0.500		76	55-115			
Methoxychlor	0.427	0.10	ug/l	0.500		85	60-120			
Surrogate: Decachlorobiphenyl	*0.431*		*ug/l*	*0.500*		*86*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.388*		*ug/l*	*0.500*		*78*	*35-120*			
LCS Dup Analyzed: 01/23/2009 (9A22034-BSD1)										
2,4'-DDD	0.434	0.10	ug/l	0.500		87	55-120	2	30	
2,4'-DDE	0.422	0.10	ug/l	0.500		84	50-120	1	30	
2,4'-DDT	0.430	0.10	ug/l	0.500		86	55-120	1	30	
4,4'-DDD	0.452	0.10	ug/l	0.500		90	55-120	2	30	
4,4'-DDE	0.426	0.10	ug/l	0.500		85	50-120	2	30	
4,4'-DDT	0.443	0.10	ug/l	0.500		89	55-120	3	30	
Aldrin	0.393	0.10	ug/l	0.500		79	40-115	2	30	
alpha-BHC	0.394	0.10	ug/l	0.500		79	45-115	1	30	
beta-BHC	0.373	0.10	ug/l	0.500		75	55-115	1	30	
delta-BHC	0.410	0.20	ug/l	0.500		82	55-115	3	30	
Dieldrin	0.405	0.10	ug/l	0.500		81	55-115	2	30	
Endosulfan I	0.410	0.10	ug/l	0.500		82	55-115	4	30	
Endosulfan II	0.345	0.10	ug/l	0.500		69	55-120	3	30	
Endosulfan sulfate	0.435	0.20	ug/l	0.500		87	60-120	2	30	
Endrin	0.436	0.10	ug/l	0.500		87	55-115	2	30	
Endrin aldehyde	0.432	0.10	ug/l	0.500		86	50-120	2	30	
Endrin ketone	0.445	0.10	ug/l	0.500		89	55-120	3	30	
gamma-BHC (Lindane)	0.412	0.10	ug/l	0.500		82	45-115	1	30	
Heptachlor	0.408	0.10	ug/l	0.500		82	45-115	2	30	
Heptachlor epoxide	0.388	0.10	ug/l	0.500		78	55-115	2	30	

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METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A22034 Extracted: 01/22/09										
LCS Dup Analyzed: 01/23/2009 (9A22034-BSD1)										
Methoxychlor	0.435	0.10	ug/l	0.500		87	60-120	2	30	
Surrogate: Decachlorobiphenyl	*0.426*		*ug/l*	*0.500*		*85*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.389*		*ug/l*	*0.500*		*78*	*35-120*			

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GC CALIBRATION CHECK CRITERIA

Per Method 8000B of SW-846, the percent recovery of the calibration checks for GC analyses must be within ± 15% from the true value for each individual compound or the average % recovery of all compounds in the calibration check solution must be within ± 15% recovery. Per Method 8000B, the end user is to be notified if the latter situation occurs.

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
4,4'-DDD	1	116	ISA1759-01	9A22034
4,4'-DDD	1	116	ISA1759-02	9A22034
4,4'-DDD	1	116	ISA1759-03	9A22034
4,4'-DDD	1	116	ISA1759-04	9A22034

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego	Project ID: Transect Wells (Henderson)	
1322 Scott Street, Suite 101	3200B	Sampled: 01/20/09
San Diego, CA 92106	Report Number: ISA1759	Received: 01/21/09
Attention: Ed Modiano		

DATA QUALIFIERS AND DEFINITIONS

C-1	Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. 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.
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

Debby Wilson For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Transect Wells (Henderson) 3200B Report Number: ISA1759	Sampled: 01/20/09 Received: 01/21/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EPA 3510C/8081A	Water	X	
EPA 8260B	Water	X	X

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

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

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Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

ISA1759

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Ed Modiano	Site Contact: Doug Bell	Date: 1/20/09	COC No:
de maximis, Inc.	Tel/Fax: 619-546-8377	Lab Contact: Amy Windham	Carrier:	1 of 1 COCs
1322 Scott St., Suite 101	Analysis Turnaround Time			
San Diego, CA 92106	Calendar (C) or Work Days (W) W			Job No. 3200B
(619) 546-8377 Phone	TAT if different from Below _____			
(619) 546-9980 Fax	[X] 2 weeks			SDG No.
Project Name: 3200B Henderson Transect	[ ] 1 week			
Site: Henderson, NV	[ ] 2 days			
PO #	[ ] 1 day			

Sample Identification	Container Type	Sample Date	Sample Time	Preservation Type	Matrix	# of Cont.	Filtered Sample	8260B-HEND-Qurly	8081A-Pesticides + DDT ByProd	LEVEL IV REQUIRED	Sample Specific Notes:
MC-46-	varies	1/20/09	1110	varies	AQ	5		x	x		
MC-47-			0800			5		x	x		
MC-48-			0905			5		x	x		
MC-49-			1005			5		x	x		
MC-50-								x	x		
MC-51-								x	x		
MC-53-								x	x		
MC-113-								x	x		
MC-114-								x	x		

0 01/22/09 0:135

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
[ ] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [X] Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [X] Disposal By Lab [ ] Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Sample Integrity: (circle one)
intact: Y / N on ice: Y / N
temperature:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Kirk	Converse	1/20/09 1215	[signature]	TA	1/20/09 1215
Relinquished by: via Fed Ex	Company: TA-LV	Date/Time: 1/20/09 16:00	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by: [signature]	Company: TA/Irv.	Date/Time: 1/21/09 10:40

#029

CS 4.8/4.3

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Transect Wells (Henderson)
3200B

Sampled: 01/21/09
Received: 01/22/09
Issued: 01/29/09 11:25

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

LABORATORY ID	CLIENT ID	MATRIX
ISA1880-01	MC-50	Water
ISA1880-02	MC-51	Water
ISA1880-03	MC-53	Water

Reviewed By:

Debby Wilson

TestAmerica Irvine

Debby Wilson For Amy Windham
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

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-01 (MC-50 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	**88**	1	1/26/2009	1/27/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	**91**	1	1/26/2009	1/27/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chloroform	EPA 8260B	9A26023	2.0	**3.4**	1	1/26/2009	1/27/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	**6.7**	1	1/26/2009	1/27/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	**10**	1	1/26/2009	1/27/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-01 (MC-50 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	**6.8**	1	1/26/2009	1/27/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/27/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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Debby Wilson For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-02 (MC-51 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chloroform	EPA 8260B	9A26023	2.0	**6.1**	1	1/26/2009	1/27/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-02 (MC-51 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/27/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*111 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

TestAmerica Irvine

Debby Wilson For Amy Windham
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

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-03 (MC-53 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromochloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromodichloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Bromoform	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Bromomethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
n-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
sec-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
tert-Butylbenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Carbon tetrachloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Chloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Chloroform	EPA 8260B	9A26023	2.0	**9.3**	1	1/26/2009	1/27/2009	
Chloromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
2-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
4-Chlorotoluene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Dibromochloromethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dibromomethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,4-Dichlorobenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dichlorodifluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethane	EPA 8260B	9A26023	2.0	**2.4**	1	1/26/2009	1/27/2009	
1,2-Dichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloroethene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
2,2-Dichloropropane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1-Dichloropropene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Ethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Hexachlorobutadiene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Isopropylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
p-Isopropyltoluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Methylene chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
Naphthalene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	

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Debby Wilson For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-03 (MC-53 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Styrene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Tetrachloroethene	EPA 8260B	9A26023	2.0	**2.5**	1	1/26/2009	1/27/2009	
Toluene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,1,1-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,1,2-Trichloroethane	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichloroethene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Trichlorofluoromethane	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
1,2,3-Trichloropropane	EPA 8260B	9A26023	10	ND	1	1/26/2009	1/27/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Vinyl chloride	EPA 8260B	9A26023	5.0	ND	1	1/26/2009	1/27/2009	
m,p-Xylenes	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
o-Xylene	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Dimethyl disulfide	EPA 8260B	9A26023	2.0	ND	1	1/26/2009	1/27/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*114 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-01 (MC-50 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A23069	0.19	ND	0.943	1/23/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A23069	0.094	**0.14**	0.943	1/23/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A23069	0.94	ND	0.943	1/23/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A23069	4.7	ND	0.943	1/23/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*78 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*63 %*				
Sample ID: ISA1880-01RE1 (MC-50 - Water)								
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	9A23069	0.38	**1.8**	3.77	1/23/2009	1/24/2009	
delta-BHC	EPA 3510C/8081A	9A23069	0.75	**0.81**	3.77	1/23/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*80 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*65 %*				
Sample ID: ISA1880-01RE2 (MC-50 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A23069	2.4	**11**	23.6	1/23/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*91 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*75 %*				*Z3*

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-02 (MC-51 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
alpha-BHC	EPA 3510C/8081A	9A23069	0.094	**0.23**	0.943	1/23/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A23069	0.19	ND	0.943	1/23/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A23069	0.94	ND	0.943	1/23/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A23069	4.7	ND	0.943	1/23/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*82 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*72 %*				
Sample ID: ISA1880-02RE1 (MC-51 - Water)								
Reporting Units: ug/l								
delta-BHC	EPA 3510C/8081A	9A23069	0.57	**1.6**	2.83	1/23/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*100 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*100 %*				
Sample ID: ISA1880-02RE2 (MC-51 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A23069	2.4	**7.1**	23.6	1/23/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*104 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*104 %*				*Z3*

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA1880-03 (MC-53 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
2,4'-DDE	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
2,4'-DDT	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
4,4'-DDD	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	C-1
4,4'-DDE	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
4,4'-DDT	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Aldrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
alpha-BHC	EPA 3510C/8081A	9A23069	0.094	**0.29**	0.943	1/23/2009	1/23/2009	
delta-BHC	EPA 3510C/8081A	9A23069	0.19	**0.44**	0.943	1/23/2009	1/23/2009	
Dieldrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan I	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan II	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A23069	0.19	ND	0.943	1/23/2009	1/23/2009	
Endrin	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endrin aldehyde	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Endrin ketone	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Heptachlor	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Methoxychlor	EPA 3510C/8081A	9A23069	0.094	ND	0.943	1/23/2009	1/23/2009	
Chlordane	EPA 3510C/8081A	9A23069	0.94	ND	0.943	1/23/2009	1/23/2009	
Toxaphene	EPA 3510C/8081A	9A23069	4.7	ND	0.943	1/23/2009	1/23/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*61 %*				
Sample ID: ISA1880-03RE1 (MC-53 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A23069	0.28	**1.6**	2.83	1/23/2009	1/24/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*65 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*61 %*				

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Blank Analyzed: 01/26/2009 (9A26023-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Blank Analyzed: 01/26/2009 (9A26023-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*27.4*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
LCS Analyzed: 01/26/2009 (9A26023-BS1)										
Benzene	23.0	2.0	ug/l	25.0		92	70-120			
Bromobenzene	23.0	5.0	ug/l	25.0		92	75-120			
Bromochloromethane	26.1	5.0	ug/l	25.0		104	70-130			
Bromodichloromethane	26.2	2.0	ug/l	25.0		105	70-135			
Bromoform	27.4	5.0	ug/l	25.0		110	55-130			
Bromomethane	23.1	5.0	ug/l	25.0		92	65-140			
n-Butylbenzene	24.7	5.0	ug/l	25.0		99	70-130			
sec-Butylbenzene	24.0	5.0	ug/l	25.0		96	70-125			
tert-Butylbenzene	24.5	5.0	ug/l	25.0		98	70-125			
Carbon tetrachloride	29.2	5.0	ug/l	25.0		117	65-140			
Chlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
Chloroethane	23.7	5.0	ug/l	25.0		95	60-140			
Chloroform	25.6	2.0	ug/l	25.0		102	70-130			
Chloromethane	24.4	5.0	ug/l	25.0		98	50-140			
2-Chlorotoluene	23.9	5.0	ug/l	25.0		96	70-125			
4-Chlorotoluene	24.5	5.0	ug/l	25.0		98	75-125			
1,2-Dibromo-3-chloropropane	28.3	5.0	ug/l	25.0		113	50-135			
Dibromochloromethane	27.6	2.0	ug/l	25.0		110	70-140			
1,2-Dibromoethane (EDB)	24.0	2.0	ug/l	25.0		96	75-125			
Dibromomethane	26.6	2.0	ug/l	25.0		106	70-125			
1,2-Dichlorobenzene	24.0	2.0	ug/l	25.0		96	75-120			
1,3-Dichlorobenzene	23.3	2.0	ug/l	25.0		93	75-120			
1,4-Dichlorobenzene	21.5	2.0	ug/l	25.0		86	75-120			
Dichlorodifluoromethane	25.2	5.0	ug/l	25.0		101	35-155			
1,1-Dichloroethane	25.2	2.0	ug/l	25.0		101	70-125			
1,2-Dichloroethane	27.8	2.0	ug/l	25.0		111	60-140			
1,1-Dichloroethene	18.4	5.0	ug/l	25.0		74	70-125			
cis-1,2-Dichloroethene	23.4	2.0	ug/l	25.0		94	70-125			
trans-1,2-Dichloroethene	21.0	2.0	ug/l	25.0		84	70-125			
1,2-Dichloropropane	23.0	2.0	ug/l	25.0		92	70-125			
1,3-Dichloropropane	24.5	2.0	ug/l	25.0		98	70-120			
2,2-Dichloropropane	27.2	2.0	ug/l	25.0		109	65-140			
cis-1,3-Dichloropropene	29.4	2.0	ug/l	25.0		118	75-125			
trans-1,3-Dichloropropene	24.0	2.0	ug/l	25.0		96	70-125			
1,1-Dichloropropene	25.4	2.0	ug/l	25.0		101	75-130			
Ethylbenzene	24.7	2.0	ug/l	25.0		99	75-125			

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
LCS Analyzed: 01/26/2009 (9A26023-BS1)										
Hexachlorobutadiene	25.9	5.0	ug/l	25.0		103	65-135			
Isopropylbenzene	23.4	2.0	ug/l	25.0		93	75-130			
p-Isopropyltoluene	23.7	2.0	ug/l	25.0		95	75-125			
Methylene chloride	22.0	5.0	ug/l	25.0		88	55-130			
Naphthalene	25.4	5.0	ug/l	25.0		101	55-135			
n-Propylbenzene	24.2	2.0	ug/l	25.0		97	75-130			
Styrene	24.3	2.0	ug/l	25.0		97	75-130			
1,1,1,2-Tetrachloroethane	26.0	5.0	ug/l	25.0		104	70-130			
1,1,2,2-Tetrachloroethane	25.3	2.0	ug/l	25.0		101	55-130			
Tetrachloroethene	24.3	2.0	ug/l	25.0		97	70-125			
Toluene	23.5	2.0	ug/l	25.0		94	70-120			
1,2,3-Trichlorobenzene	25.5	5.0	ug/l	25.0		102	65-125			
1,2,4-Trichlorobenzene	25.4	5.0	ug/l	25.0		102	70-135			
1,1,1-Trichloroethane	27.9	2.0	ug/l	25.0		112	65-135			
1,1,2-Trichloroethane	25.8	2.0	ug/l	25.0		103	70-125			
Trichloroethene	24.4	2.0	ug/l	25.0		98	70-125			
Trichlorofluoromethane	27.5	5.0	ug/l	25.0		110	65-145			
1,2,3-Trichloropropane	24.3	10	ug/l	25.0		97	60-130			
1,2,4-Trimethylbenzene	24.4	2.0	ug/l	25.0		97	75-125			
1,3,5-Trimethylbenzene	23.6	2.0	ug/l	25.0		94	75-125			
Vinyl chloride	26.2	5.0	ug/l	25.0		105	55-135			
m,p-Xylenes	48.6	2.0	ug/l	50.0		97	75-125			
o-Xylene	24.4	2.0	ug/l	25.0		98	75-125			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Dibromofluoromethane	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Analyzed: 01/26/2009 (9A26023-MS1)					**Source: ISA1759-01**					
Benzene	24.4	2.0	ug/l	25.0	ND	98	65-125			
Bromobenzene	25.2	5.0	ug/l	25.0	ND	101	70-125			
Bromochloromethane	29.1	5.0	ug/l	25.0	ND	116	65-135			
Bromodichloromethane	28.8	2.0	ug/l	25.0	ND	115	70-135			
Bromoform	30.4	5.0	ug/l	25.0	ND	121	55-135			
Bromomethane	26.0	5.0	ug/l	25.0	ND	104	55-145			
n-Butylbenzene	27.2	5.0	ug/l	25.0	ND	109	65-135			
sec-Butylbenzene	26.9	5.0	ug/l	25.0	ND	108	70-125			

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Analyzed: 01/26/2009 (9A26023-MS1)					**Source: ISA1759-01**					
tert-Butylbenzene	26.8	5.0	ug/l	25.0	ND	107	65-130			
Carbon tetrachloride	31.2	5.0	ug/l	25.0	ND	125	65-140			
Chlorobenzene	26.8	2.0	ug/l	25.0	0.630	105	75-125			
Chloroethane	26.3	5.0	ug/l	25.0	ND	105	55-140			
Chloroform	28.8	2.0	ug/l	25.0	1.67	109	65-135			
Chloromethane	26.8	5.0	ug/l	25.0	ND	107	45-145			
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135			
4-Chlorotoluene	26.8	5.0	ug/l	25.0	ND	107	70-135			
1,2-Dibromo-3-chloropropane	33.2	5.0	ug/l	25.0	ND	133	45-145			
Dibromochloromethane	30.1	2.0	ug/l	25.0	ND	120	65-140			
1,2-Dibromoethane (EDB)	27.7	2.0	ug/l	25.0	ND	111	70-130			
Dibromomethane	29.9	2.0	ug/l	25.0	ND	120	65-135			
1,2-Dichlorobenzene	28.9	2.0	ug/l	25.0	1.90	108	75-125			
1,3-Dichlorobenzene	26.0	2.0	ug/l	25.0	ND	104	75-125			
1,4-Dichlorobenzene	26.4	2.0	ug/l	25.0	3.12	93	75-125			
Dichlorodifluoromethane	27.9	5.0	ug/l	25.0	ND	111	25-155			
1,1-Dichloroethane	28.2	2.0	ug/l	25.0	1.07	108	65-130			
1,2-Dichloroethane	31.3	2.0	ug/l	25.0	ND	125	60-140			
1,1-Dichloroethene	20.3	5.0	ug/l	25.0	ND	81	60-130			
cis-1,2-Dichloroethene	25.2	2.0	ug/l	25.0	ND	101	65-130			
trans-1,2-Dichloroethene	22.6	2.0	ug/l	25.0	ND	90	65-130			
1,2-Dichloropropane	24.5	2.0	ug/l	25.0	ND	98	65-130			
1,3-Dichloropropane	27.3	2.0	ug/l	25.0	ND	109	65-135			
2,2-Dichloropropane	30.3	2.0	ug/l	25.0	ND	121	60-145			
cis-1,3-Dichloropropene	31.3	2.0	ug/l	25.0	ND	125	70-130			
trans-1,3-Dichloropropene	26.3	2.0	ug/l	25.0	ND	105	65-135			
1,1-Dichloropropene	27.7	2.0	ug/l	25.0	ND	111	70-135			
Ethylbenzene	26.8	2.0	ug/l	25.0	ND	107	65-130			
Hexachlorobutadiene	28.8	5.0	ug/l	25.0	ND	115	60-135			
Isopropylbenzene	25.5	2.0	ug/l	25.0	ND	102	70-135			
p-Isopropyltoluene	26.3	2.0	ug/l	25.0	ND	105	65-130			
Methylene chloride	23.6	5.0	ug/l	25.0	ND	94	50-135			
Naphthalene	30.0	5.0	ug/l	25.0	ND	120	50-140			
n-Propylbenzene	26.9	2.0	ug/l	25.0	ND	108	70-135			
Styrene	0.960	2.0	ug/l	25.0	ND	4	50-145			*M2*
1,1,1,2-Tetrachloroethane	28.9	5.0	ug/l	25.0	ND	115	65-140			

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Analyzed: 01/26/2009 (9A26023-MS1)					**Source: ISA1759-01**					
1,1,2,2-Tetrachloroethane	28.8	2.0	ug/l	25.0	ND	115	55-135			
Tetrachloroethene	27.0	2.0	ug/l	25.0	ND	108	65-130			
Toluene	25.2	2.0	ug/l	25.0	ND	101	70-125			
1,2,3-Trichlorobenzene	29.7	5.0	ug/l	25.0	0.950	115	60-135			
1,2,4-Trichlorobenzene	31.5	5.0	ug/l	25.0	2.54	116	65-135			
1,1,1-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-140			
1,1,2-Trichloroethane	28.9	2.0	ug/l	25.0	ND	116	65-130			
Trichloroethene	26.3	2.0	ug/l	25.0	ND	105	65-125			
Trichlorofluoromethane	30.0	5.0	ug/l	25.0	ND	120	60-145			
1,2,3-Trichloropropane	27.6	10	ug/l	25.0	ND	111	55-135			
1,2,4-Trimethylbenzene	26.5	2.0	ug/l	25.0	ND	106	55-135			
1,3,5-Trimethylbenzene	21.3	2.0	ug/l	25.0	ND	85	70-130			
Vinyl chloride	28.1	5.0	ug/l	25.0	ND	112	45-140			
m,p-Xylenes	52.8	2.0	ug/l	50.0	ND	106	65-130			
o-Xylene	26.7	2.0	ug/l	25.0	ND	107	65-125			
Surrogate: 4-Bromofluorobenzene	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Dibromofluoromethane	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 01/26/2009 (9A26023-MSD1)					**Source: ISA1759-01**					
Benzene	25.0	2.0	ug/l	25.0	ND	100	65-125	2	20	
Bromobenzene	25.4	5.0	ug/l	25.0	ND	102	70-125	1	20	
Bromochloromethane	28.8	5.0	ug/l	25.0	ND	115	65-135	1	25	
Bromodichloromethane	28.6	2.0	ug/l	25.0	ND	114	70-135	1	20	
Bromoform	31.0	5.0	ug/l	25.0	ND	124	55-135	2	25	
Bromomethane	26.0	5.0	ug/l	25.0	ND	104	55-145	0	25	
n-Butylbenzene	27.5	5.0	ug/l	25.0	ND	110	65-135	1	20	
sec-Butylbenzene	26.1	5.0	ug/l	25.0	ND	104	70-125	3	20	
tert-Butylbenzene	26.4	5.0	ug/l	25.0	ND	106	65-130	1	20	
Carbon tetrachloride	31.0	5.0	ug/l	25.0	ND	124	65-140	1	25	
Chlorobenzene	26.2	2.0	ug/l	25.0	0.630	102	75-125	2	20	
Chloroethane	26.6	5.0	ug/l	25.0	ND	106	55-140	1	25	
Chloroform	28.8	2.0	ug/l	25.0	1.67	108	65-135	0	20	
Chloromethane	27.4	5.0	ug/l	25.0	ND	110	45-145	2	25	
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135	0	20	
4-Chlorotoluene	26.7	5.0	ug/l	25.0	ND	107	70-135	0	20	

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Dup Analyzed: 01/26/2009 (9A26023-MSD1)					**Source: ISA1759-01**					
1,2-Dibromo-3-chloropropane	35.4	5.0	ug/l	25.0	ND	142	45-145	6	30	
Dibromochloromethane	29.4	2.0	ug/l	25.0	ND	118	65-140	2	25	
1,2-Dibromoethane (EDB)	27.6	2.0	ug/l	25.0	ND	110	70-130	0	25	
Dibromomethane	31.2	2.0	ug/l	25.0	ND	125	65-135	4	25	
1,2-Dichlorobenzene	28.6	2.0	ug/l	25.0	1.90	107	75-125	1	20	
1,3-Dichlorobenzene	25.9	2.0	ug/l	25.0	ND	104	75-125	0	20	
1,4-Dichlorobenzene	26.5	2.0	ug/l	25.0	3.12	93	75-125	1	20	
Dichlorodifluoromethane	28.2	5.0	ug/l	25.0	ND	113	25-155	1	30	
1,1-Dichloroethane	28.2	2.0	ug/l	25.0	1.07	108	65-130	0	20	
1,2-Dichloroethane	31.2	2.0	ug/l	25.0	ND	125	60-140	0	20	
1,1-Dichloroethene	20.8	5.0	ug/l	25.0	ND	83	60-130	3	20	
cis-1,2-Dichloroethene	26.4	2.0	ug/l	25.0	ND	105	65-130	5	20	
trans-1,2-Dichloroethene	23.0	2.0	ug/l	25.0	ND	92	65-130	2	20	
1,2-Dichloropropane	25.1	2.0	ug/l	25.0	ND	100	65-130	2	20	
1,3-Dichloropropane	27.0	2.0	ug/l	25.0	ND	108	65-135	1	25	
2,2-Dichloropropane	29.8	2.0	ug/l	25.0	ND	119	60-145	2	25	
cis-1,3-Dichloropropene	33.8	2.0	ug/l	25.0	ND	135	70-130	8	20	*M1*
trans-1,3-Dichloropropene	27.8	2.0	ug/l	25.0	ND	111	65-135	6	25	
1,1-Dichloropropene	27.2	2.0	ug/l	25.0	ND	109	70-135	2	20	
Ethylbenzene	26.1	2.0	ug/l	25.0	ND	104	65-130	3	20	
Hexachlorobutadiene	28.8	5.0	ug/l	25.0	ND	115	60-135	0	20	
Isopropylbenzene	25.6	2.0	ug/l	25.0	ND	102	70-135	1	20	
p-Isopropyltoluene	25.9	2.0	ug/l	25.0	ND	104	65-130	2	20	
Methylene chloride	24.8	5.0	ug/l	25.0	ND	99	50-135	5	20	
Naphthalene	31.5	5.0	ug/l	25.0	ND	126	50-140	5	30	
n-Propylbenzene	26.6	2.0	ug/l	25.0	ND	106	70-135	1	20	
Styrene	0.860	2.0	ug/l	25.0	ND	3	50-145	11	30	*M2*
1,1,1,2-Tetrachloroethane	27.6	5.0	ug/l	25.0	ND	110	65-140	4	20	
1,1,2,2-Tetrachloroethane	30.1	2.0	ug/l	25.0	ND	120	55-135	4	30	
Tetrachloroethene	26.1	2.0	ug/l	25.0	ND	104	65-130	4	20	
Toluene	25.6	2.0	ug/l	25.0	ND	102	70-125	1	20	
1,2,3-Trichlorobenzene	30.2	5.0	ug/l	25.0	0.950	117	60-135	2	20	
1,2,4-Trichlorobenzene	31.1	5.0	ug/l	25.0	2.54	114	65-135	1	20	
1,1,1-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-140	0	20	
1,1,2-Trichloroethane	29.5	2.0	ug/l	25.0	ND	118	65-130	2	25	
Trichloroethene	26.8	2.0	ug/l	25.0	ND	107	65-125	2	20	

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Debby Wilson For Amy Windham
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26023 Extracted: 01/26/09										
Matrix Spike Dup Analyzed: 01/26/2009 (9A26023-MSD1)					**Source: ISA1759-01**					
Trichlorofluoromethane	29.3	5.0	ug/l	25.0	ND	117	60-145	2	25	
1,2,3-Trichloropropane	29.6	10	ug/l	25.0	ND	119	55-135	7	30	
1,2,4-Trimethylbenzene	26.1	2.0	ug/l	25.0	ND	104	55-135	1	25	
1,3,5-Trimethylbenzene	19.3	2.0	ug/l	25.0	ND	77	70-130	10	20	
Vinyl chloride	28.8	5.0	ug/l	25.0	ND	115	45-140	3	30	
m,p-Xylenes	50.9	2.0	ug/l	50.0	ND	102	65-130	4	25	
o-Xylene	25.7	2.0	ug/l	25.0	ND	103	65-125	4	20	
Surrogate: 4-Bromofluorobenzene	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*26.9*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A23069 Extracted: 01/23/09										
Blank Analyzed: 01/23/2009 (9A23069-BLK1)										
2,4'-DDD	ND	0.10	ug/l							
2,4'-DDE	ND	0.10	ug/l							
2,4'-DDT	ND	0.10	ug/l							
4,4'-DDD	ND	0.10	ug/l							
4,4'-DDE	ND	0.10	ug/l							
4,4'-DDT	ND	0.10	ug/l							
Aldrin	ND	0.10	ug/l							
alpha-BHC	ND	0.10	ug/l							
beta-BHC	ND	0.10	ug/l							
delta-BHC	ND	0.20	ug/l							
Dieldrin	ND	0.10	ug/l							
Endosulfan I	ND	0.10	ug/l							
Endosulfan II	ND	0.10	ug/l							
Endosulfan sulfate	ND	0.20	ug/l							
Endrin	ND	0.10	ug/l							
Endrin aldehyde	ND	0.10	ug/l							
Endrin ketone	ND	0.10	ug/l							
gamma-BHC (Lindane)	ND	0.10	ug/l							
Heptachlor	ND	0.10	ug/l							
Heptachlor epoxide	ND	0.10	ug/l							
Methoxychlor	ND	0.10	ug/l							
Chlordane	ND	1.0	ug/l							
Toxaphene	ND	5.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.433*		*ug/l*	*0.500*		*87*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.372*		*ug/l*	*0.500*		*74*	*35-120*			
LCS Analyzed: 01/23/2009 (9A23069-BS1)										**MNR1**
2,4'-DDD	0.419	0.10	ug/l	0.500		84	55-120			
2,4'-DDE	0.398	0.10	ug/l	0.500		80	50-120			
2,4'-DDT	0.399	0.10	ug/l	0.500		80	55-120			
4,4'-DDD	0.442	0.10	ug/l	0.500		88	55-120			
4,4'-DDE	0.405	0.10	ug/l	0.500		81	50-120			
4,4'-DDT	0.431	0.10	ug/l	0.500		86	55-120			
Aldrin	0.365	0.10	ug/l	0.500		73	40-115			
alpha-BHC	0.360	0.10	ug/l	0.500		72	45-115			
beta-BHC	0.354	0.10	ug/l	0.500		71	55-115			

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Debby Wilson For Amy Windham
Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A23069 Extracted: 01/23/09										
LCS Analyzed: 01/23/2009 (9A23069-BS1)										**MNR1**
delta-BHC	0.385	0.20	ug/l	0.500		77	55-115			
Dieldrin	0.386	0.10	ug/l	0.500		77	55-115			
Endosulfan I	0.384	0.10	ug/l	0.500		77	55-115			
Endosulfan II	0.331	0.10	ug/l	0.500		66	55-120			
Endosulfan sulfate	0.431	0.20	ug/l	0.500		86	60-120			
Endrin	0.419	0.10	ug/l	0.500		84	55-115			
Endrin aldehyde	0.425	0.10	ug/l	0.500		85	50-120			
Endrin ketone	0.441	0.10	ug/l	0.500		88	55-120			
gamma-BHC (Lindane)	0.381	0.10	ug/l	0.500		76	45-115			
Heptachlor	0.384	0.10	ug/l	0.500		77	45-115			
Heptachlor epoxide	0.365	0.10	ug/l	0.500		73	55-115			
Methoxychlor	0.429	0.10	ug/l	0.500		86	60-120			
Surrogate: Decachlorobiphenyl	*0.425*		*ug/l*	*0.500*		*85*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.358*		*ug/l*	*0.500*		*72*	*35-120*			
LCS Dup Analyzed: 01/23/2009 (9A23069-BSD1)										
2,4'-DDD	0.425	0.10	ug/l	0.500		85	55-120	1	30	
2,4'-DDE	0.410	0.10	ug/l	0.500		82	50-120	3	30	
2,4'-DDT	0.426	0.10	ug/l	0.500		85	55-120	6	30	
4,4'-DDD	0.448	0.10	ug/l	0.500		90	55-120	1	30	
4,4'-DDE	0.414	0.10	ug/l	0.500		83	50-120	2	30	
4,4'-DDT	0.437	0.10	ug/l	0.500		87	55-120	2	30	
Aldrin	0.379	0.10	ug/l	0.500		76	40-115	4	30	
alpha-BHC	0.374	0.10	ug/l	0.500		75	45-115	4	30	
beta-BHC	0.362	0.10	ug/l	0.500		72	55-115	2	30	
delta-BHC	0.394	0.20	ug/l	0.500		79	55-115	2	30	
Dieldrin	0.386	0.10	ug/l	0.500		77	55-115	0	30	
Endosulfan I	0.389	0.10	ug/l	0.500		78	55-115	1	30	
Endosulfan II	0.331	0.10	ug/l	0.500		66	55-120	0	30	
Endosulfan sulfate	0.436	0.20	ug/l	0.500		87	60-120	1	30	
Endrin	0.434	0.10	ug/l	0.500		87	55-115	4	30	
Endrin aldehyde	0.429	0.10	ug/l	0.500		86	50-120	1	30	
Endrin ketone	0.444	0.10	ug/l	0.500		89	55-120	1	30	
gamma-BHC (Lindane)	0.395	0.10	ug/l	0.500		79	45-115	4	30	
Heptachlor	0.399	0.10	ug/l	0.500		80	45-115	4	30	
Heptachlor epoxide	0.374	0.10	ug/l	0.500		75	55-115	2	30	

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Debby Wilson For Amy Windham
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

de Maximis, Inc. - San Diego	Project ID:	Transect Wells (Henderson)	
1322 Scott Street, Suite 101		3200B	Sampled: 01/21/09
San Diego, CA 92106	Report Number:	ISA1880	Received: 01/22/09
Attention: Ed Modiano			

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A23069 Extracted: 01/23/09										
LCS Dup Analyzed: 01/23/2009 (9A23069-BSD1)										
Methoxychlor	0.439	0.10	ug/l	0.500		88	60-120	2	30	
Surrogate: Decachlorobiphenyl	*0.427*		*ug/l*	*0.500*		*85*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.366*		*ug/l*	*0.500*		*73*	*35-120*			

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA1880

Sampled: 01/21/09
Received: 01/22/09

GC CALIBRATION CHECK CRITERIA

Per Method 8000B of SW-846, the percent recovery of the calibration checks for GC analyses must be within ± 15% from the true value for each individual compound or the average % recovery of all compounds in the calibration check solution must be within ± 15% recovery. Per Method 8000B, the end user is to be notified if the latter situation occurs.

The % recovery for the following individual compounds fell outside the ± 15% criteria, however the average % recovery of all compounds in the calibration check solution was within ± 15%, thus meeting the overall calibration check criteria.

Compound	Footnote	Calibration Check % Recovery	Lab Number	Batch
4,4'-DDD	1	116	ISA1880-01	9A23069
4,4'-DDD	1	116	ISA1880-02	9A23069
4,4'-DDD	1	116	ISA1880-03	9A23069

Footnotes:

1 The calibration demonstrated a high bias for this compound. Samples were flagged to indicate a possible high bias in the result for this compound.

2 The calibration demonstrated a low bias for this compound. Samples were flagged to indicate a possible low bias in the result for this compound.

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Project Manager

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de Maximis, Inc. - San Diego	Project ID: Transect Wells (Henderson)	
1322 Scott Street, Suite 101	3200B	Sampled: 01/21/09
San Diego, CA 92106	Report Number: ISA1880	Received: 01/22/09
Attention: Ed Modiano		

DATA QUALIFIERS AND DEFINITIONS

C-1	Calibration Verification recovery was above the method control limit for this analyte, however the average % difference for all analytes met method criteria. See Calibration Summary form.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. 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.
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

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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

de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Transect Wells (Henderson) 3200B Report Number: ISA1880	Sampled: 01/21/09 Received: 01/22/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EPA 3510C/8081A	Water	X	
EPA 8260B	Water	X	X

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

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

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Irvine
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Suite 100
Irvine, CA 92614
phone 949.261.1022 fax 949.260.3299

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ISA1880

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Ed Modiano	Site Contact: Doug Bell	Date: 1/21/09	COC No:
de maximis, Inc.	Tel/Fax: 619-546-8377	Lab Contact: Amy Windham	Carrier:	1 of 1 COCs
1322 Scott St., Suite 101	Analysis Turnaround Time			Job No. 3200B
San Diego, CA 92106	Calendar (C) or Work Days (W) ___W___			
(619) 546-8377 Phone	TAT if different from Below _____			SDG No.
(619) 546-9980 Fax	☒ 2 weeks			
Project Name: 3200B Henderson Transect	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
PO#	☐ 1 day			

Sample Identification	Container Type	Sample Date	Sample Time	Preservation Type	Matrix	# of Cont.	Filtered Sample	8260B-HEND-Qnty	8081A-Pesticides + DDT By/Prod											LEVEL IV REQUIRED	Sample Specific Notes:
MC-46-								X	X												
MC-47-								X	X												
MC-48-								X	X												
MC-49-								X	X												
MC-50-	Various	1/21/09	0800	Various	AQ	5		X	X												
MC-51-			0945			5		X	X												
MC-53-			1100			5		X	X												
MC-113-								X	X												
MC-114-								X	X												

0.0 01/22/09 15:50

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Sample Integrity: (circle one)
intact: Y / N on ice: Y / N temperature:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Kirk	Converse	1/21/09 1324	[signature] TA-LV	1/21/09	13:24
[signature] TA-LV	via Fed Ex	1/21/09 16:00	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by: [signature]	Company: TA/Irv.	Date/Time: 1/22/09 10:50

#022

(CS) 6.3/5.8

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LABORATORY REPORT

Prepared For: de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project: Transect Wells (Henderson)
3200B

Sampled: 01/22/09
Received: 01/23/09
Issued: 01/29/09 09:53

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

LABORATORY ID	CLIENT ID	MATRIX
ISA2143-01	MC-113	Water
ISA2143-02	MC-114	Water

Reviewed By:

Debby Wilson

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING
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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA2143-01 (MC-113 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Bromobenzene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Bromochloromethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Bromodichloromethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Bromoform	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Bromomethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
n-Butylbenzene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
sec-Butylbenzene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
tert-Butylbenzene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Carbon tetrachloride	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Chlorobenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Chloroethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Chloroform	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Chloromethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
2-Chlorotoluene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
4-Chlorotoluene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Dibromochloromethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Dibromomethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,2-Dichlorobenzene	EPA 8260B	9A27020	2.0	**2.7**	1	1/27/2009	1/28/2009	
1,3-Dichlorobenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,4-Dichlorobenzene	EPA 8260B	9A27020	2.0	**4.2**	1	1/27/2009	1/28/2009	
Dichlorodifluoromethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
1,1-Dichloroethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,2-Dichloroethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,1-Dichloroethene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,2-Dichloropropane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,3-Dichloropropane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
2,2-Dichloropropane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,1-Dichloropropene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Ethylbenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Hexachlorobutadiene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Isopropylbenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
p-Isopropyltoluene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Methylene chloride	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
Naphthalene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	

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THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA2143-01 (MC-113 - Water) - cont.								
Reporting Units: ug/l								
n-Propylbenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Styrene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Tetrachloroethene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Toluene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A27020	5.0	**5.5**	1	1/27/2009	1/28/2009	
1,1,1-Trichloroethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,1,2-Trichloroethane	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Trichloroethene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Trichlorofluoromethane	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
1,2,3-Trichloropropane	EPA 8260B	9A27020	10	ND	1	1/27/2009	1/28/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Vinyl chloride	EPA 8260B	9A27020	5.0	ND	1	1/27/2009	1/28/2009	
m,p-Xylenes	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
o-Xylene	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Dimethyl disulfide	EPA 8260B	9A27020	2.0	ND	1	1/27/2009	1/28/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*100 %*				
Surrogate: Dibromofluoromethane (80-120%)				*113 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA2143-02 (MC-114 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	9A27020	100	**2000**	50	1/27/2009	1/28/2009	
Chlorobenzene	EPA 8260B	9A27020	100	**1600**	50	1/27/2009	1/28/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*115 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Sample ID: ISA2143-02RE1 (MC-114 - Water)								
Reporting Units: ug/l								
Bromobenzene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Bromochloromethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Bromodichloromethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Bromoform	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Bromomethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
n-Butylbenzene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
sec-Butylbenzene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
tert-Butylbenzene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Carbon tetrachloride	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Chloroethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Chloroform	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Chloromethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
2-Chlorotoluene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
4-Chlorotoluene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
1,2-Dibromo-3-chloropropane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Dibromochloromethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,2-Dibromoethane (EDB)	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Dibromomethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,2-Dichlorobenzene	EPA 8260B	9A27020	20	**21**	10	1/27/2009	1/28/2009	
1,3-Dichlorobenzene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,4-Dichlorobenzene	EPA 8260B	9A27020	20	**26**	10	1/27/2009	1/28/2009	
Dichlorodifluoromethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
1,1-Dichloroethane	EPA 8260B	9A27020	20	**26**	10	1/27/2009	1/28/2009	
1,2-Dichloroethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,1-Dichloroethene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
cis-1,2-Dichloroethene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
trans-1,2-Dichloroethene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,2-Dichloropropane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,3-Dichloropropane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
2,2-Dichloropropane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
cis-1,3-Dichloropropene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
trans-1,3-Dichloropropene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,1-Dichloropropene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	

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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA2143-02RE1 (MC-114 - Water) - cont.								
Reporting Units: ug/l								
Ethylbenzene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Hexachlorobutadiene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Isopropylbenzene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
p-Isopropyltoluene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Methylene chloride	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
Naphthalene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
n-Propylbenzene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Styrene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,1,1,2-Tetrachloroethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
1,1,2,2-Tetrachloroethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Tetrachloroethene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Toluene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,2,3-Trichlorobenzene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
1,2,4-Trichlorobenzene	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
1,1,1-Trichloroethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,1,2-Trichloroethane	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Trichloroethene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Trichlorofluoromethane	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
1,2,3-Trichloropropane	EPA 8260B	9A27020	100	ND	10	1/27/2009	1/28/2009	
1,2,4-Trimethylbenzene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
1,3,5-Trimethylbenzene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Vinyl chloride	EPA 8260B	9A27020	50	ND	10	1/27/2009	1/28/2009	
m,p-Xylenes	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
o-Xylene	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Dimethyl disulfide	EPA 8260B	9A27020	20	ND	10	1/27/2009	1/28/2009	
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				
Surrogate: Dibromofluoromethane (80-120%)				*112 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				

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Project Manager

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA2143-01 (MC-113 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
2,4'-DDE	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
2,4'-DDT	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
4,4'-DDD	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
4,4'-DDE	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
4,4'-DDT	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Aldrin	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Dieldrin	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Endosulfan I	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Endosulfan II	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A26060	0.19	ND	0.943	1/26/2009	1/26/2009	
Endrin	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Endrin aldehyde	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Endrin ketone	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Heptachlor	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Methoxychlor	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/26/2009	
Chlordane	EPA 3510C/8081A	9A26060	0.94	ND	0.943	1/26/2009	1/26/2009	
Toxaphene	EPA 3510C/8081A	9A26060	4.7	ND	0.943	1/26/2009	1/26/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*94 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*60 %*				
Sample ID: ISA2143-01RE1 (MC-113 - Water)								
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	9A26060	0.28	**1.0**	2.83	1/26/2009	1/27/2009	
delta-BHC	EPA 3510C/8081A	9A26060	0.57	**0.64**	2.83	1/26/2009	1/27/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*100 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*64 %*				
Sample ID: ISA2143-01RE2 (MC-113 - Water)								
Reporting Units: ug/l								
beta-BHC	EPA 3510C/8081A	9A26060	2.4	**11**	23.6	1/26/2009	1/27/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*117 %*				*Z3*
Surrogate: Tetrachloro-m-xylene (35-120%)				*77 %*				*Z3*

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Project Manager

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: ISA2143-02 (MC-114 - Water)								
Reporting Units: ug/l								
2,4'-DDD	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
2,4'-DDE	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
2,4'-DDT	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
4,4'-DDD	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
4,4'-DDE	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
4,4'-DDT	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Aldrin	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Dieldrin	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Endosulfan I	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Endosulfan II	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Endosulfan sulfate	EPA 3510C/8081A	9A26060	0.19	ND	0.943	1/26/2009	1/27/2009	
Endrin	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Endrin aldehyde	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Endrin ketone	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
gamma-BHC (Lindane)	EPA 3510C/8081A	9A26060	0.094	**0.30**	0.943	1/26/2009	1/27/2009	
Heptachlor	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Heptachlor epoxide	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Methoxychlor	EPA 3510C/8081A	9A26060	0.094	ND	0.943	1/26/2009	1/27/2009	
Chlordane	EPA 3510C/8081A	9A26060	0.94	ND	0.943	1/26/2009	1/27/2009	
Toxaphene	EPA 3510C/8081A	9A26060	4.7	ND	0.943	1/26/2009	1/27/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*91 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*64 %*				
Sample ID: ISA2143-02RE1 (MC-114 - Water)								
Reporting Units: ug/l								
alpha-BHC	EPA 3510C/8081A	9A26060	0.94	**3.8**	9.43	1/26/2009	1/27/2009	
beta-BHC	EPA 3510C/8081A	9A26060	0.94	**4.6**	9.43	1/26/2009	1/27/2009	
delta-BHC	EPA 3510C/8081A	9A26060	1.9	**4.0**	9.43	1/26/2009	1/27/2009	
Surrogate: Decachlorobiphenyl (45-120%)				*108 %*				
Surrogate: Tetrachloro-m-xylene (35-120%)				*76 %*				

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Project Manager

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de Maximis, Inc. - San Diego
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San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
Blank Analyzed: 01/27/2009 (9A27020-BLK1)										
Benzene	ND	2.0	ug/l							
Bromobenzene	ND	5.0	ug/l							
Bromochloromethane	ND	5.0	ug/l							
Bromodichloromethane	ND	2.0	ug/l							
Bromoform	ND	5.0	ug/l							
Bromomethane	ND	5.0	ug/l							
n-Butylbenzene	ND	5.0	ug/l							
sec-Butylbenzene	ND	5.0	ug/l							
tert-Butylbenzene	ND	5.0	ug/l							
Carbon tetrachloride	ND	5.0	ug/l							
Chlorobenzene	ND	2.0	ug/l							
Chloroethane	ND	5.0	ug/l							
Chloroform	ND	2.0	ug/l							
Chloromethane	ND	5.0	ug/l							
2-Chlorotoluene	ND	5.0	ug/l							
4-Chlorotoluene	ND	5.0	ug/l							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/l							
Dibromochloromethane	ND	2.0	ug/l							
1,2-Dibromoethane (EDB)	ND	2.0	ug/l							
Dibromomethane	ND	2.0	ug/l							
1,2-Dichlorobenzene	ND	2.0	ug/l							
1,3-Dichlorobenzene	ND	2.0	ug/l							
1,4-Dichlorobenzene	ND	2.0	ug/l							
Dichlorodifluoromethane	ND	5.0	ug/l							
1,1-Dichloroethane	ND	2.0	ug/l							
1,2-Dichloroethane	ND	2.0	ug/l							
1,1-Dichloroethene	ND	5.0	ug/l							
cis-1,2-Dichloroethene	ND	2.0	ug/l							
trans-1,2-Dichloroethene	ND	2.0	ug/l							
1,2-Dichloropropane	ND	2.0	ug/l							
1,3-Dichloropropane	ND	2.0	ug/l							
2,2-Dichloropropane	ND	2.0	ug/l							
cis-1,3-Dichloropropene	ND	2.0	ug/l							
trans-1,3-Dichloropropene	ND	2.0	ug/l							
1,1-Dichloropropene	ND	2.0	ug/l							
Ethylbenzene	ND	2.0	ug/l							

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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
Blank Analyzed: 01/27/2009 (9A27020-BLK1)										
Hexachlorobutadiene	ND	5.0	ug/l							
Isopropylbenzene	ND	2.0	ug/l							
p-Isopropyltoluene	ND	2.0	ug/l							
Methylene chloride	ND	5.0	ug/l							
Naphthalene	ND	5.0	ug/l							
n-Propylbenzene	ND	2.0	ug/l							
Styrene	ND	2.0	ug/l							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/l							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/l							
Tetrachloroethene	ND	2.0	ug/l							
Toluene	ND	2.0	ug/l							
1,2,3-Trichlorobenzene	ND	5.0	ug/l							
1,2,4-Trichlorobenzene	ND	5.0	ug/l							
1,1,1-Trichloroethane	ND	2.0	ug/l							
1,1,2-Trichloroethane	ND	2.0	ug/l							
Trichloroethene	ND	2.0	ug/l							
Trichlorofluoromethane	ND	5.0	ug/l							
1,2,3-Trichloropropane	ND	10	ug/l							
1,2,4-Trimethylbenzene	ND	2.0	ug/l							
1,3,5-Trimethylbenzene	ND	2.0	ug/l							
Vinyl chloride	ND	5.0	ug/l							
m,p-Xylenes	ND	2.0	ug/l							
o-Xylene	ND	2.0	ug/l							
Dimethyl disulfide	ND	2.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*28.3*		*ug/l*	*25.0*		*113*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			

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3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
LCS Analyzed: 01/27/2009 (9A27020-BS1)										
Benzene	23.1	2.0	ug/l	25.0		92	70-120			
Bromobenzene	23.7	5.0	ug/l	25.0		95	75-120			
Bromochloromethane	28.2	5.0	ug/l	25.0		113	70-130			
Bromodichloromethane	27.7	2.0	ug/l	25.0		111	70-135			
Bromoform	29.7	5.0	ug/l	25.0		119	55-130			
Bromomethane	24.4	5.0	ug/l	25.0		98	65-140			
n-Butylbenzene	25.0	5.0	ug/l	25.0		100	70-130			
sec-Butylbenzene	24.3	5.0	ug/l	25.0		97	70-125			
tert-Butylbenzene	24.8	5.0	ug/l	25.0		99	70-125			
Carbon tetrachloride	30.6	5.0	ug/l	25.0		122	65-140			
Chlorobenzene	24.5	2.0	ug/l	25.0		98	75-120			
Chloroethane	24.4	5.0	ug/l	25.0		97	60-140			
Chloroform	26.9	2.0	ug/l	25.0		107	70-130			
Chloromethane	23.9	5.0	ug/l	25.0		96	50-140			
2-Chlorotoluene	23.9	5.0	ug/l	25.0		96	70-125			
4-Chlorotoluene	24.8	5.0	ug/l	25.0		99	75-125			
1,2-Dibromo-3-chloropropane	29.2	5.0	ug/l	25.0		117	50-135			
Dibromochloromethane	29.1	2.0	ug/l	25.0		116	70-140			
1,2-Dibromoethane (EDB)	25.1	2.0	ug/l	25.0		100	75-125			
Dibromomethane	28.4	2.0	ug/l	25.0		114	70-125			
1,2-Dichlorobenzene	24.9	2.0	ug/l	25.0		99	75-120			
1,3-Dichlorobenzene	24.2	2.0	ug/l	25.0		97	75-120			
1,4-Dichlorobenzene	21.7	2.0	ug/l	25.0		87	75-120			
Dichlorodifluoromethane	24.9	5.0	ug/l	25.0		100	35-155			
1,1-Dichloroethane	26.3	2.0	ug/l	25.0		105	70-125			
1,2-Dichloroethane	29.9	2.0	ug/l	25.0		119	60-140			
1,1-Dichloroethene	19.0	5.0	ug/l	25.0		76	70-125			
cis-1,2-Dichloroethene	24.5	2.0	ug/l	25.0		98	70-125			
trans-1,2-Dichloroethene	21.2	2.0	ug/l	25.0		85	70-125			
1,2-Dichloropropane	23.7	2.0	ug/l	25.0		95	70-125			
1,3-Dichloropropane	25.5	2.0	ug/l	25.0		102	70-120			
2,2-Dichloropropane	28.9	2.0	ug/l	25.0		116	65-140			
cis-1,3-Dichloropropene	31.3	2.0	ug/l	25.0		125	75-125			
trans-1,3-Dichloropropene	25.7	2.0	ug/l	25.0		103	70-125			
1,1-Dichloropropene	25.3	2.0	ug/l	25.0		101	75-130			
Ethylbenzene	25.7	2.0	ug/l	25.0		103	75-125			

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de Maximis, Inc. - San Diego
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Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
LCS Analyzed: 01/27/2009 (9A27020-BS1)										
Hexachlorobutadiene	26.8	5.0	ug/l	25.0		107	65-135			
Isopropylbenzene	23.8	2.0	ug/l	25.0		95	75-130			
p-Isopropyltoluene	24.1	2.0	ug/l	25.0		96	75-125			
Methylene chloride	23.2	5.0	ug/l	25.0		93	55-130			
Naphthalene	26.8	5.0	ug/l	25.0		107	55-135			
n-Propylbenzene	25.0	2.0	ug/l	25.0		100	75-130			
Styrene	25.6	2.0	ug/l	25.0		102	75-130			
1,1,1,2-Tetrachloroethane	27.2	5.0	ug/l	25.0		109	70-130			
1,1,2,2-Tetrachloroethane	26.2	2.0	ug/l	25.0		105	55-130			
Tetrachloroethene	24.8	2.0	ug/l	25.0		99	70-125			
Toluene	24.6	2.0	ug/l	25.0		98	70-120			
1,2,3-Trichlorobenzene	26.7	5.0	ug/l	25.0		107	65-125			
1,2,4-Trichlorobenzene	26.3	5.0	ug/l	25.0		105	70-135			
1,1,1-Trichloroethane	28.8	2.0	ug/l	25.0		115	65-135			
1,1,2-Trichloroethane	27.4	2.0	ug/l	25.0		110	70-125			
Trichloroethene	25.2	2.0	ug/l	25.0		101	70-125			
Trichlorofluoromethane	28.8	5.0	ug/l	25.0		115	65-145			
1,2,3-Trichloropropane	25.6	10	ug/l	25.0		103	60-130			
1,2,4-Trimethylbenzene	24.8	2.0	ug/l	25.0		99	75-125			
1,3,5-Trimethylbenzene	24.4	2.0	ug/l	25.0		97	75-125			
Vinyl chloride	27.0	5.0	ug/l	25.0		108	55-135			
m,p-Xylenes	49.8	2.0	ug/l	50.0		100	75-125			
o-Xylene	25.3	2.0	ug/l	25.0		101	75-125			
Surrogate: 4-Bromofluorobenzene	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Dibromofluoromethane	*28.1*		*ug/l*	*25.0*		*112*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Matrix Spike Analyzed: 01/27/2009 (9A27020-MS1)					**Source: ISA2243-01**					
Benzene	25.6	2.0	ug/l	25.0	ND	102	65-125			
Bromobenzene	25.7	5.0	ug/l	25.0	ND	103	70-125			
Bromochloromethane	28.9	5.0	ug/l	25.0	ND	116	65-135			
Bromodichloromethane	31.4	2.0	ug/l	25.0	ND	126	70-135			
Bromoform	32.2	5.0	ug/l	25.0	ND	129	55-135			
Bromomethane	29.9	5.0	ug/l	25.0	ND	119	55-145			
n-Butylbenzene	28.9	5.0	ug/l	25.0	ND	115	65-135			
sec-Butylbenzene	26.9	5.0	ug/l	25.0	ND	107	70-125			

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Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
Matrix Spike Analyzed: 01/27/2009 (9A27020-MS1)					**Source: ISA2243-01**					
tert-Butylbenzene	27.0	5.0	ug/l	25.0	ND	108	65-130			
Carbon tetrachloride	33.2	5.0	ug/l	25.0	ND	133	65-140			
Chlorobenzene	25.5	2.0	ug/l	25.0	ND	102	75-125			
Chloroethane	27.8	5.0	ug/l	25.0	ND	111	55-140			
Chloroform	29.8	2.0	ug/l	25.0	ND	119	65-135			
Chloromethane	31.2	5.0	ug/l	25.0	ND	125	45-145			
2-Chlorotoluene	25.4	5.0	ug/l	25.0	ND	101	65-135			
4-Chlorotoluene	26.8	5.0	ug/l	25.0	ND	107	70-135			
1,2-Dibromo-3-chloropropane	34.3	5.0	ug/l	25.0	ND	137	45-145			
Dibromochloromethane	31.7	2.0	ug/l	25.0	ND	127	65-140			
1,2-Dibromoethane (EDB)	28.7	2.0	ug/l	25.0	ND	115	70-130			
Dibromomethane	31.0	2.0	ug/l	25.0	ND	124	65-135			
1,2-Dichlorobenzene	26.3	2.0	ug/l	25.0	ND	105	75-125			
1,3-Dichlorobenzene	25.4	2.0	ug/l	25.0	ND	101	75-125			
1,4-Dichlorobenzene	23.4	2.0	ug/l	25.0	ND	94	75-125			
Dichlorodifluoromethane	40.1	5.0	ug/l	25.0	ND	160	25-155			*M1*
1,1-Dichloroethane	27.0	2.0	ug/l	25.0	ND	108	65-130			
1,2-Dichloroethane	30.4	2.0	ug/l	25.0	ND	122	60-140			
1,1-Dichloroethene	27.8	5.0	ug/l	25.0	ND	111	60-130			
cis-1,2-Dichloroethene	25.4	2.0	ug/l	25.0	ND	102	65-130			
trans-1,2-Dichloroethene	22.0	2.0	ug/l	25.0	ND	88	65-130			
1,2-Dichloropropane	26.3	2.0	ug/l	25.0	ND	105	65-130			
1,3-Dichloropropane	27.9	2.0	ug/l	25.0	ND	112	65-135			
2,2-Dichloropropane	30.6	2.0	ug/l	25.0	ND	122	60-145			
cis-1,3-Dichloropropene	33.3	2.0	ug/l	25.0	ND	133	70-130			*M1*
trans-1,3-Dichloropropene	28.2	2.0	ug/l	25.0	ND	113	65-135			
1,1-Dichloropropene	29.6	2.0	ug/l	25.0	ND	118	70-135			
Ethylbenzene	27.4	2.0	ug/l	25.0	ND	109	65-130			
Hexachlorobutadiene	29.2	5.0	ug/l	25.0	ND	117	60-135			
Isopropylbenzene	25.8	2.0	ug/l	25.0	ND	103	70-135			
p-Isopropyltoluene	27.0	2.0	ug/l	25.0	ND	108	65-130			
Methylene chloride	24.5	5.0	ug/l	25.0	ND	98	50-135			
Naphthalene	30.6	5.0	ug/l	25.0	ND	122	50-140			
n-Propylbenzene	27.4	2.0	ug/l	25.0	ND	110	70-135			
Styrene	26.3	2.0	ug/l	25.0	ND	105	50-145			
1,1,1,2-Tetrachloroethane	28.5	5.0	ug/l	25.0	ND	114	65-140			

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3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
Matrix Spike Analyzed: 01/27/2009 (9A27020-MS1)					**Source: ISA2243-01**					
1,1,2,2-Tetrachloroethane	28.3	2.0	ug/l	25.0	ND	113	55-135			
Tetrachloroethene	27.5	2.0	ug/l	25.0	ND	110	65-130			
Toluene	26.5	2.0	ug/l	25.0	ND	106	70-125			
1,2,3-Trichlorobenzene	29.2	5.0	ug/l	25.0	ND	117	60-135			
1,2,4-Trichlorobenzene	29.4	5.0	ug/l	25.0	ND	117	65-135			
1,1,1-Trichloroethane	30.0	2.0	ug/l	25.0	ND	120	65-140			
1,1,2-Trichloroethane	28.3	2.0	ug/l	25.0	ND	113	65-130			
Trichloroethene	26.3	2.0	ug/l	25.0	ND	105	65-125			
Trichlorofluoromethane	31.7	5.0	ug/l	25.0	ND	127	60-145			
1,2,3-Trichloropropane	27.9	10	ug/l	25.0	ND	112	55-135			
1,2,4-Trimethylbenzene	27.6	2.0	ug/l	25.0	ND	110	55-135			
1,3,5-Trimethylbenzene	27.3	2.0	ug/l	25.0	ND	109	70-130			
Vinyl chloride	29.8	5.0	ug/l	25.0	ND	119	45-140			
m,p-Xylenes	52.6	2.0	ug/l	50.0	ND	105	65-130			
o-Xylene	27.3	2.0	ug/l	25.0	ND	109	65-125			
Surrogate: 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: Dibromofluoromethane	*27.5*		*ug/l*	*25.0*		*110*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Matrix Spike Dup Analyzed: 01/27/2009 (9A27020-MSD1)					**Source: ISA2243-01**					
Benzene	25.3	2.0	ug/l	25.0	ND	101	65-125	1	20	
Bromobenzene	26.5	5.0	ug/l	25.0	ND	106	70-125	3	20	
Bromochloromethane	29.5	5.0	ug/l	25.0	ND	118	65-135	2	25	
Bromodichloromethane	30.9	2.0	ug/l	25.0	ND	124	70-135	1	20	
Bromoform	31.8	5.0	ug/l	25.0	ND	127	55-135	1	25	
Bromomethane	31.4	5.0	ug/l	25.0	ND	126	55-145	5	25	
n-Butylbenzene	28.2	5.0	ug/l	25.0	ND	113	65-135	2	20	
sec-Butylbenzene	27.2	5.0	ug/l	25.0	ND	109	70-125	1	20	
tert-Butylbenzene	27.1	5.0	ug/l	25.0	ND	108	65-130	0	20	
Carbon tetrachloride	32.7	5.0	ug/l	25.0	ND	131	65-140	1	25	
Chlorobenzene	25.8	2.0	ug/l	25.0	ND	103	75-125	1	20	
Chloroethane	29.2	5.0	ug/l	25.0	ND	117	55-140	5	25	
Chloroform	29.6	2.0	ug/l	25.0	ND	118	65-135	1	20	
Chloromethane	32.8	5.0	ug/l	25.0	ND	131	45-145	5	25	
2-Chlorotoluene	25.8	5.0	ug/l	25.0	ND	103	65-135	2	20	
4-Chlorotoluene	26.4	5.0	ug/l	25.0	ND	106	70-135	1	20	

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
Matrix Spike Dup Analyzed: 01/27/2009 (9A27020-MSD1)					**Source: ISA2243-01**					
1,2-Dibromo-3-chloropropane	32.9	5.0	ug/l	25.0	ND	132	45-145	4	30	
Dibromochloromethane	31.2	2.0	ug/l	25.0	ND	125	65-140	2	25	
1,2-Dibromoethane (EDB)	28.2	2.0	ug/l	25.0	ND	113	70-130	2	25	
Dibromomethane	31.2	2.0	ug/l	25.0	ND	125	65-135	1	25	
1,2-Dichlorobenzene	26.2	2.0	ug/l	25.0	ND	105	75-125	0	20	
1,3-Dichlorobenzene	25.6	2.0	ug/l	25.0	ND	102	75-125	1	20	
1,4-Dichlorobenzene	23.0	2.0	ug/l	25.0	ND	92	75-125	2	20	
Dichlorodifluoromethane	40.3	5.0	ug/l	25.0	ND	161	25-155	1	30	*M1*
1,1-Dichloroethane	27.2	2.0	ug/l	25.0	ND	109	65-130	1	20	
1,2-Dichloroethane	29.8	2.0	ug/l	25.0	ND	119	60-140	2	20	
1,1-Dichloroethene	28.9	5.0	ug/l	25.0	ND	115	60-130	4	20	
cis-1,2-Dichloroethene	25.5	2.0	ug/l	25.0	ND	102	65-130	0	20	
trans-1,2-Dichloroethene	23.2	2.0	ug/l	25.0	ND	93	65-130	5	20	
1,2-Dichloropropane	26.9	2.0	ug/l	25.0	ND	108	65-130	2	20	
1,3-Dichloropropane	28.6	2.0	ug/l	25.0	ND	114	65-135	2	25	
2,2-Dichloropropane	30.6	2.0	ug/l	25.0	ND	122	60-145	0	25	
cis-1,3-Dichloropropene	32.7	2.0	ug/l	25.0	ND	131	70-130	2	20	*M1*
trans-1,3-Dichloropropene	27.8	2.0	ug/l	25.0	ND	111	65-135	1	25	
1,1-Dichloropropene	29.9	2.0	ug/l	25.0	ND	119	70-135	1	20	
Ethylbenzene	27.4	2.0	ug/l	25.0	ND	110	65-130	0	20	
Hexachlorobutadiene	28.6	5.0	ug/l	25.0	ND	115	60-135	2	20	
Isopropylbenzene	26.3	2.0	ug/l	25.0	ND	105	70-135	2	20	
p-Isopropyltoluene	27.1	2.0	ug/l	25.0	ND	108	65-130	0	20	
Methylene chloride	24.8	5.0	ug/l	25.0	ND	99	50-135	1	20	
Naphthalene	31.0	5.0	ug/l	25.0	ND	124	50-140	1	30	
n-Propylbenzene	27.5	2.0	ug/l	25.0	ND	110	70-135	0	20	
Styrene	26.1	2.0	ug/l	25.0	ND	104	50-145	1	30	
1,1,1,2-Tetrachloroethane	28.2	5.0	ug/l	25.0	ND	113	65-140	1	20	
1,1,2,2-Tetrachloroethane	28.4	2.0	ug/l	25.0	ND	114	55-135	0	30	
Tetrachloroethene	27.5	2.0	ug/l	25.0	ND	110	65-130	0	20	
Toluene	26.2	2.0	ug/l	25.0	ND	105	70-125	1	20	
1,2,3-Trichlorobenzene	29.5	5.0	ug/l	25.0	ND	118	60-135	1	20	
1,2,4-Trichlorobenzene	29.4	5.0	ug/l	25.0	ND	117	65-135	0	20	
1,1,1-Trichloroethane	30.4	2.0	ug/l	25.0	ND	122	65-140	1	20	
1,1,2-Trichloroethane	28.7	2.0	ug/l	25.0	ND	115	65-130	1	25	
Trichloroethene	25.4	2.0	ug/l	25.0	ND	102	65-125	3	20	

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1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A27020 Extracted: 01/27/09										
Matrix Spike Dup Analyzed: 01/27/2009 (9A27020-MSD1)					**Source: ISA2243-01**					
Trichlorofluoromethane	32.2	5.0	ug/l	25.0	ND	129	60-145	2	25	
1,2,3-Trichloropropane	28.2	10	ug/l	25.0	ND	113	55-135	1	30	
1,2,4-Trimethylbenzene	27.7	2.0	ug/l	25.0	ND	111	55-135	0	25	
1,3,5-Trimethylbenzene	27.5	2.0	ug/l	25.0	ND	110	70-130	1	20	
Vinyl chloride	31.8	5.0	ug/l	25.0	ND	127	45-140	6	30	
m,p-Xylenes	53.1	2.0	ug/l	50.0	ND	106	65-130	1	25	
o-Xylene	27.2	2.0	ug/l	25.0	ND	109	65-125	1	20	
Surrogate: 4-Bromofluorobenzene	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: Dibromofluoromethane	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			

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de Maximis, Inc. - San Diego
1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26060 Extracted: 01/26/09										
Blank Analyzed: 01/26/2009 (9A26060-BLK1)										
2,4'-DDD	ND	0.10	ug/l							
2,4'-DDE	ND	0.10	ug/l							
2,4'-DDT	ND	0.10	ug/l							
4,4'-DDD	ND	0.10	ug/l							
4,4'-DDE	ND	0.10	ug/l							
4,4'-DDT	ND	0.10	ug/l							
Aldrin	ND	0.10	ug/l							
alpha-BHC	ND	0.10	ug/l							
beta-BHC	ND	0.10	ug/l							
delta-BHC	ND	0.20	ug/l							
Dieldrin	ND	0.10	ug/l							
Endosulfan I	ND	0.10	ug/l							
Endosulfan II	ND	0.10	ug/l							
Endosulfan sulfate	ND	0.20	ug/l							
Endrin	ND	0.10	ug/l							
Endrin aldehyde	ND	0.10	ug/l							
Endrin ketone	ND	0.10	ug/l							
gamma-BHC (Lindane)	ND	0.10	ug/l							
Heptachlor	ND	0.10	ug/l							
Heptachlor epoxide	ND	0.10	ug/l							
Methoxychlor	ND	0.10	ug/l							
Chlordane	ND	1.0	ug/l							
Toxaphene	ND	5.0	ug/l							
Surrogate: Decachlorobiphenyl	*0.429*		*ug/l*	*0.500*		*86*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.402*		*ug/l*	*0.500*		*80*	*35-120*			
LCS Analyzed: 01/26/2009 (9A26060-BS1)										**MNR1**
2,4'-DDD	0.445	0.10	ug/l	0.500		89	55-120			
2,4'-DDE	0.429	0.10	ug/l	0.500		86	50-120			
2,4'-DDT	0.447	0.10	ug/l	0.500		89	55-120			
4,4'-DDD	0.467	0.10	ug/l	0.500		93	55-120			
4,4'-DDE	0.436	0.10	ug/l	0.500		87	50-120			
4,4'-DDT	0.457	0.10	ug/l	0.500		91	55-120			
Aldrin	0.397	0.10	ug/l	0.500		79	40-115			
alpha-BHC	0.398	0.10	ug/l	0.500		80	45-115			
beta-BHC	0.373	0.10	ug/l	0.500		75	55-115			

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1322 Scott Street, Suite 101
San Diego, CA 92106
Attention: Ed Modiano

Project ID: Transect Wells (Henderson)
3200B
Report Number: ISA2143

Sampled: 01/22/09
Received: 01/23/09

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26060 Extracted: 01/26/09										
LCS Analyzed: 01/26/2009 (9A26060-BS1)										**MNR1**
delta-BHC	0.419	0.20	ug/l	0.500		84	55-115			
Dieldrin	0.417	0.10	ug/l	0.500		83	55-115			
Endosulfan I	0.416	0.10	ug/l	0.500		83	55-115			
Endosulfan II	0.338	0.10	ug/l	0.500		68	55-120			
Endosulfan sulfate	0.443	0.20	ug/l	0.500		89	60-120			
Endrin	0.450	0.10	ug/l	0.500		90	55-115			
Endrin aldehyde	0.436	0.10	ug/l	0.500		87	50-120			
Endrin ketone	0.452	0.10	ug/l	0.500		90	55-120			
gamma-BHC (Lindane)	0.416	0.10	ug/l	0.500		83	45-115			
Heptachlor	0.409	0.10	ug/l	0.500		82	45-115			
Heptachlor epoxide	0.395	0.10	ug/l	0.500		79	55-115			
Methoxychlor	0.442	0.10	ug/l	0.500		88	60-120			
Surrogate: Decachlorobiphenyl	*0.439*		*ug/l*	*0.500*		*88*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.394*		*ug/l*	*0.500*		*79*	*35-120*			
LCS Dup Analyzed: 01/26/2009 (9A26060-BSD1)										
2,4'-DDD	0.461	0.10	ug/l	0.500		92	55-120	4	30	
2,4'-DDE	0.443	0.10	ug/l	0.500		89	50-120	3	30	
2,4'-DDT	0.463	0.10	ug/l	0.500		93	55-120	4	30	
4,4'-DDD	0.487	0.10	ug/l	0.500		97	55-120	4	30	
4,4'-DDE	0.450	0.10	ug/l	0.500		90	50-120	3	30	
4,4'-DDT	0.474	0.10	ug/l	0.500		95	55-120	4	30	
Aldrin	0.417	0.10	ug/l	0.500		83	40-115	5	30	
alpha-BHC	0.411	0.10	ug/l	0.500		82	45-115	3	30	
beta-BHC	0.386	0.10	ug/l	0.500		77	55-115	3	30	
delta-BHC	0.433	0.20	ug/l	0.500		87	55-115	3	30	
Dieldrin	0.429	0.10	ug/l	0.500		86	55-115	3	30	
Endosulfan I	0.431	0.10	ug/l	0.500		86	55-115	3	30	
Endosulfan II	0.351	0.10	ug/l	0.500		70	55-120	4	30	
Endosulfan sulfate	0.461	0.20	ug/l	0.500		92	60-120	4	30	
Endrin	0.466	0.10	ug/l	0.500		93	55-115	3	30	
Endrin aldehyde	0.452	0.10	ug/l	0.500		90	50-120	3	30	
Endrin ketone	0.472	0.10	ug/l	0.500		94	55-120	4	30	
gamma-BHC (Lindane)	0.430	0.10	ug/l	0.500		86	45-115	3	30	
Heptachlor	0.428	0.10	ug/l	0.500		86	45-115	5	30	
Heptachlor epoxide	0.410	0.10	ug/l	0.500		82	55-115	4	30	

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Project Manager

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de Maximis, Inc. - San Diego	Project ID:	Transect Wells (Henderson)	
1322 Scott Street, Suite 101		3200B	Sampled: 01/22/09
San Diego, CA 92106	Report Number:	ISA2143	Received: 01/23/09
Attention: Ed Modiano			

METHOD BLANK/QC DATA

ORGANOCHLORINE PESTICIDES (EPA 3510C/8081A)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 9A26060 Extracted: 01/26/09										
LCS Dup Analyzed: 01/26/2009 (9A26060-BSD1)										
Methoxychlor	0.459	0.10	ug/l	0.500		92	60-120	4	30	
Surrogate: Decachlorobiphenyl	*0.453*		*ug/l*	*0.500*		*91*	*45-120*			
Surrogate: Tetrachloro-m-xylene	*0.402*		*ug/l*	*0.500*		*80*	*35-120*			

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Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Transect Wells (Henderson) 3200B Report Number: ISA2143	Sampled: 01/22/09 Received: 01/23/09

DATA QUALIFIERS AND DEFINITIONS

M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. 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.
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

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Project Manager

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de Maximis, Inc. - San Diego 1322 Scott Street, Suite 101 San Diego, CA 92106 Attention: Ed Modiano	Project ID: Transect Wells (Henderson) 3200B Report Number: ISA2143	Sampled: 01/22/09 Received: 01/23/09

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	Nevada
EPA 3510C/8081A	Water	X	
EPA 8260B	Water	X	X

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

TestAmerica Irvine

Debby Wilson For Amy Windham
Project Manager

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Chain of Custody Record

ISA2143

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Ed Modiano	Site Contact: Doug Bell	Date: 1/22/09	COC No:
de maximis, Inc.	Tel/Fax: 619-546-8377	Lab Contact: Amy Windham	Carrier:	1 of 1 COCs
1322 Scott St., Suite 101	Analysis Turnaround Time			Job No. 3200B
San Diego, CA 92108	Calendar (C) or Work Days (W) W			
(619) 546-8377 Phone	TAT if different from Below _____			SDG No.
(619) 546-9960 Fax	☒ 2 weeks			
Project Name: 3200B Henderson Transect	☐ 1 week			
Site: Henderson, NV	☐ 2 days			
P.O #	☐ 1 day			

Sample Identification	Container Type	Sample Date	Sample Time	Preservation Type	Matrix	# of Cont.	Filtered Sample	8260B-HEND-Qurly	8081A-Pesticides + DDT ByPred	LEVEL IV REQUIRED	Sample Specific Notes:
MC-46-								X	X		
MC-47-								X	X		
MC-48-								X	X		
MC-49-								X	X		
MC-50-								X	X		
MC-51-								X	X		
MC-53-								X	X		
MC-113-	Various	1/22/09	0825	Various	AQ	5		X	X		MS
MC-114-	Various	1/22/09	0920	Various	AQ	5		X	X		1/26/09
											11:05

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☒ *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments:

Sample Integrity: (circle one)
intact: Y / N on ice: Y / N
temperature:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Kirk	Converse	1/22/09 1027	[signature]	TA	1/22/09 1027
Salhanyafax	TA-LV	1/22/09 16:00			
			VuBand	TA/IRV.	1/23/09 11:20

#027

CS 63/58

APPENDIX B

CONCENTRATION TREND GRAPHS AND WATER LEVEL HYDROGRAPHS

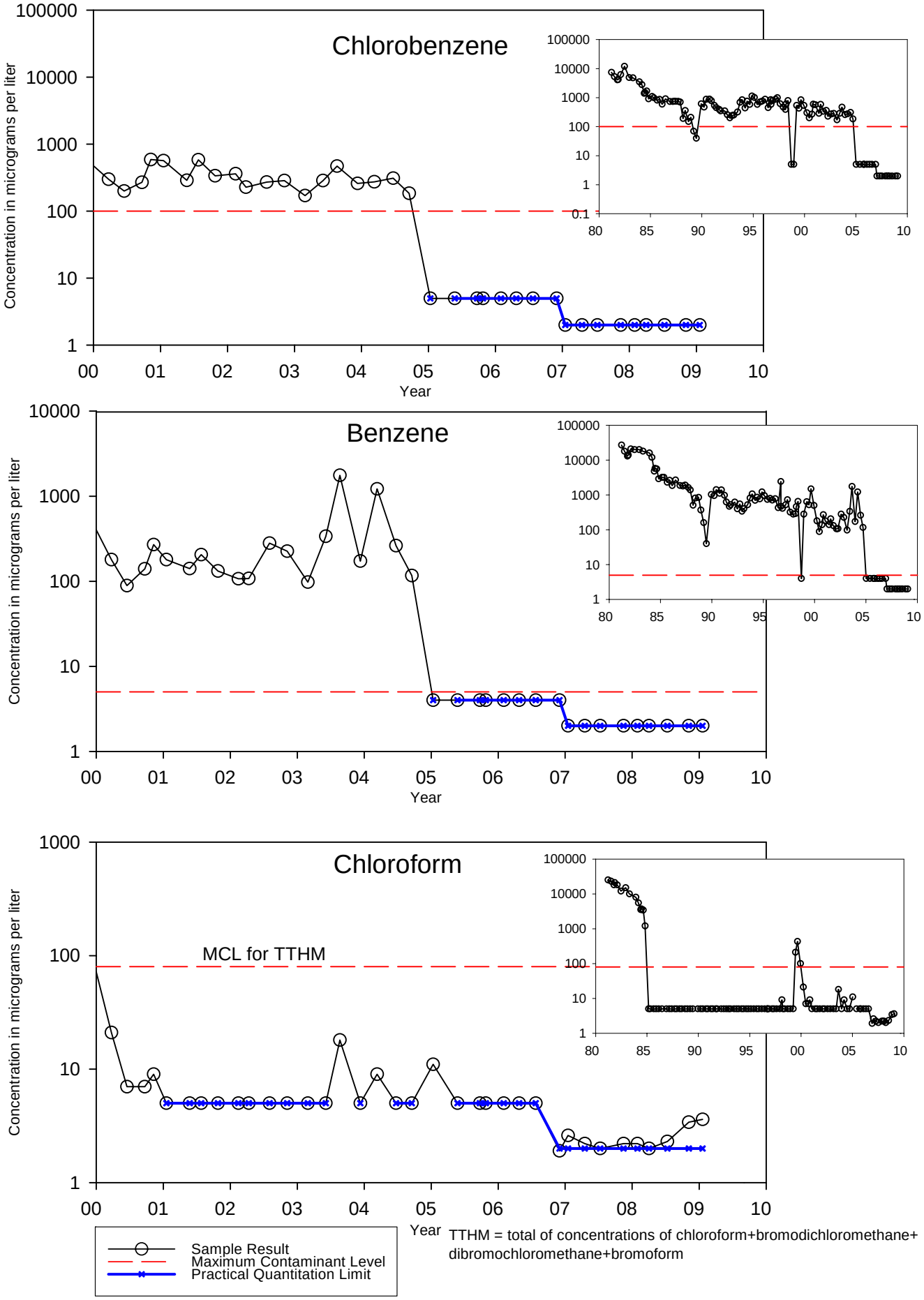
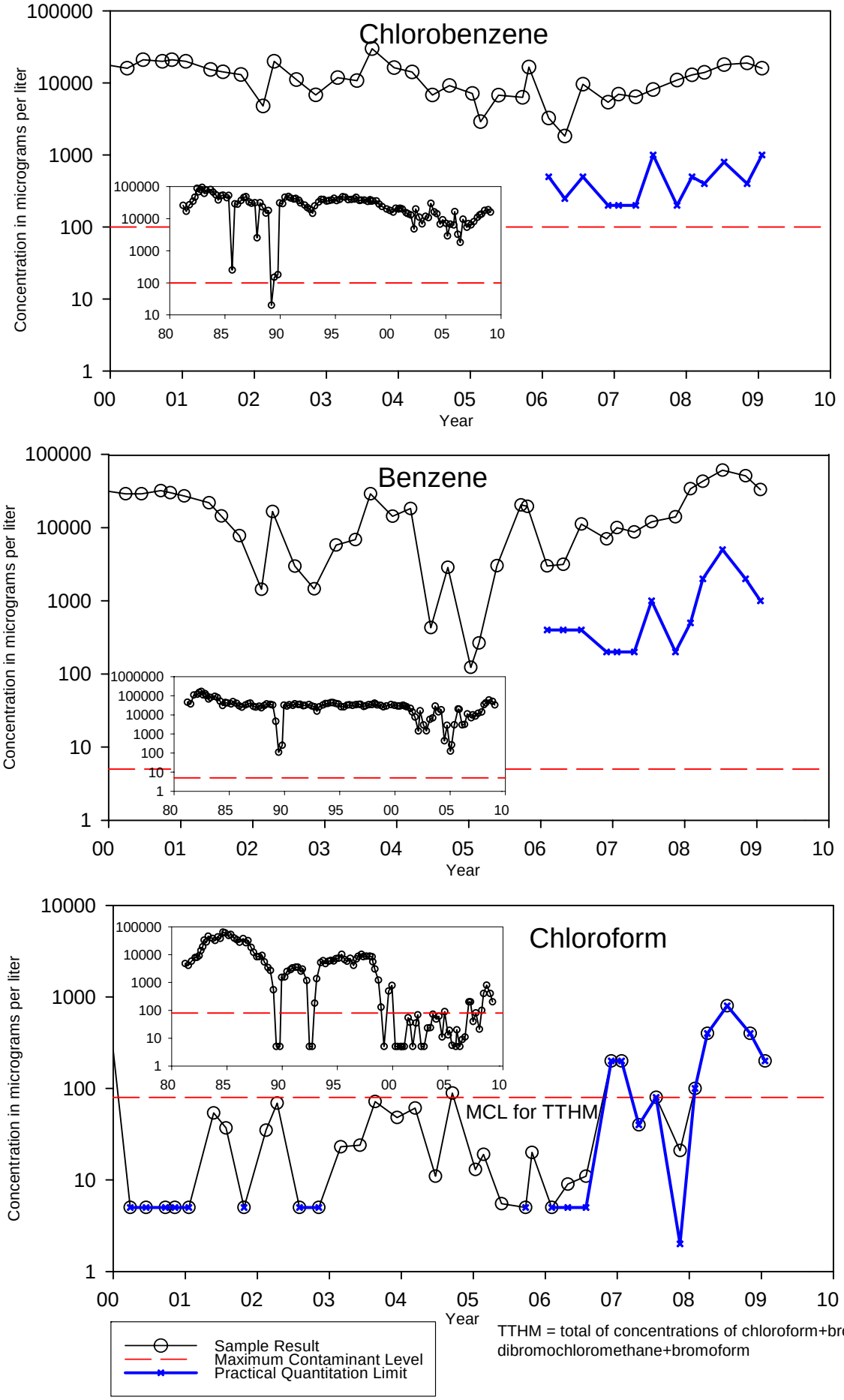


FIGURE B-1. WATER QUALITY GRAPHS FOR UPGRADIENT CONSENT ORDER MONITOR WELL H-18/18A

HARGIS + ASSOCIATES, INC.



TTHM = total of concentrations of chloroform+bromodichloromethane+dibromochloromethane+bromoform

FIGURE B-2. WATER QUALITY GRAPHS FOR UPGRADIENT CONSENT ORDER MONITOR WELL H-21/21R

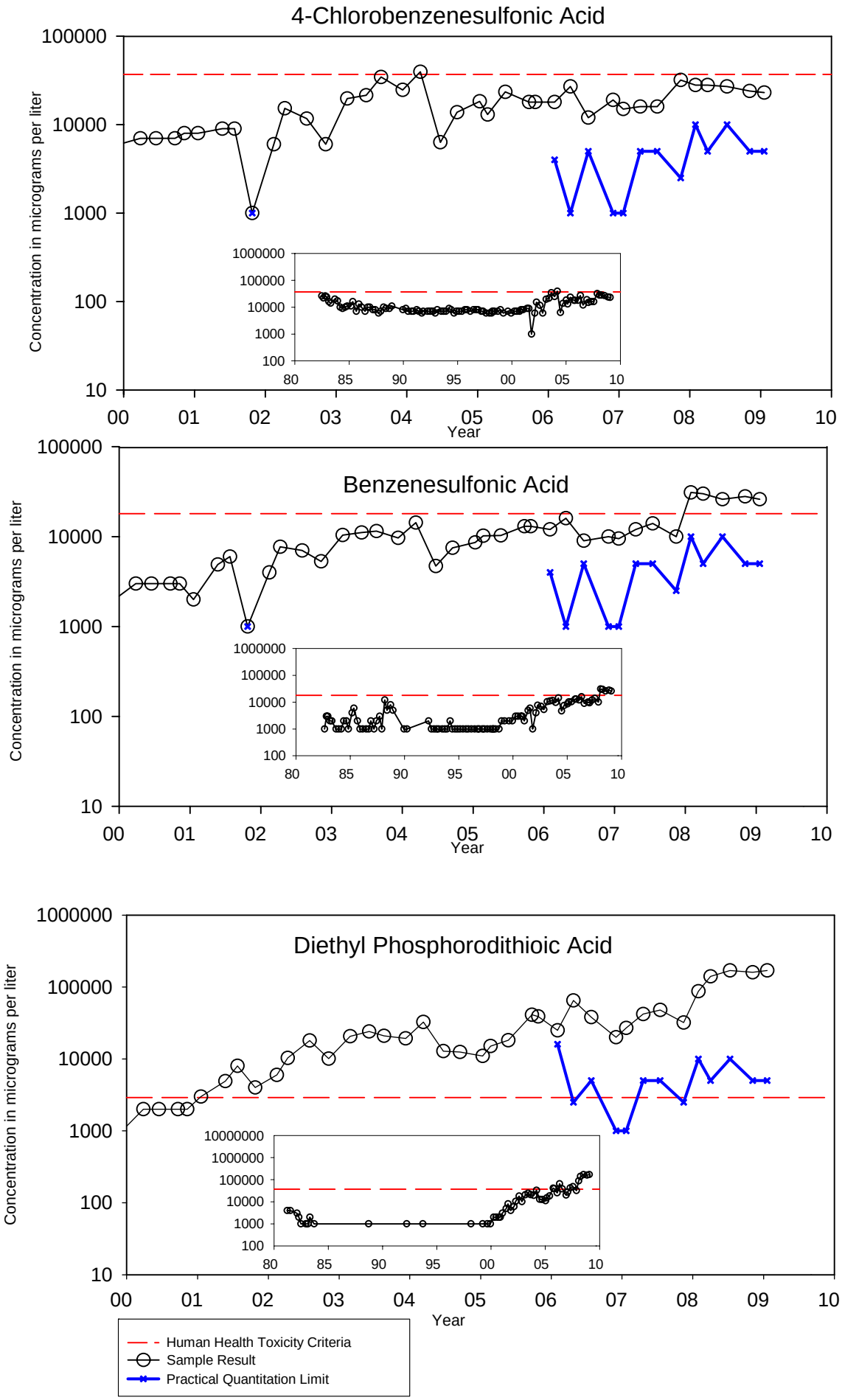


FIGURE B-2A. WATER QUALITY GRAPHS FOR UPGRADIENT CONSENT ORDER MONITOR WELL H-21/21R

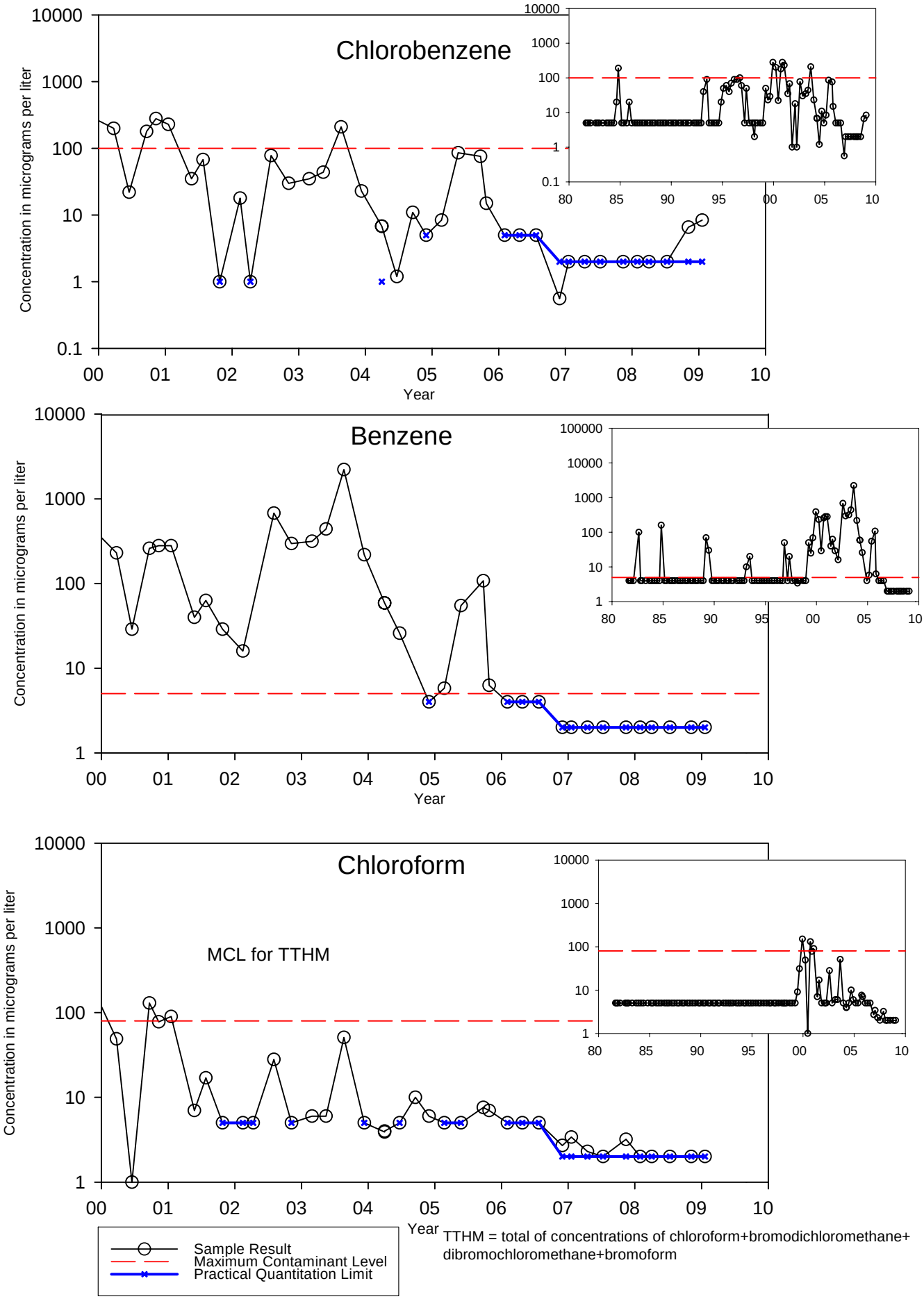


FIGURE B-3. WATER QUALITY GRAPHS FOR DOWNGRADIENT CONSENT ORDER MONITOR WELL H-49/49A

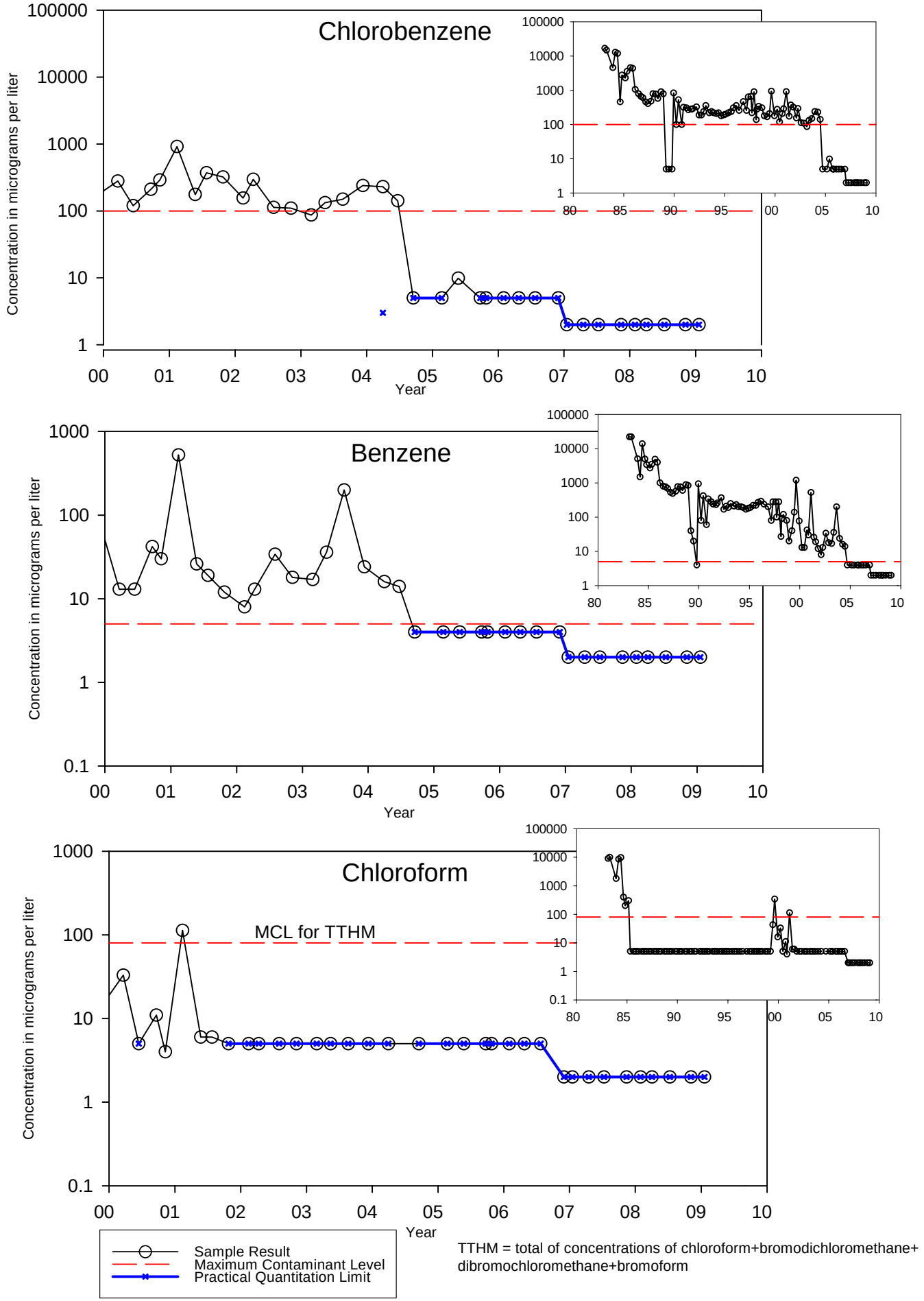


FIGURE B-4. WATER QUALITY GRAPHS FOR DOWNGRADIENT CONSENT ORDER MONITOR WELL H-56/56A

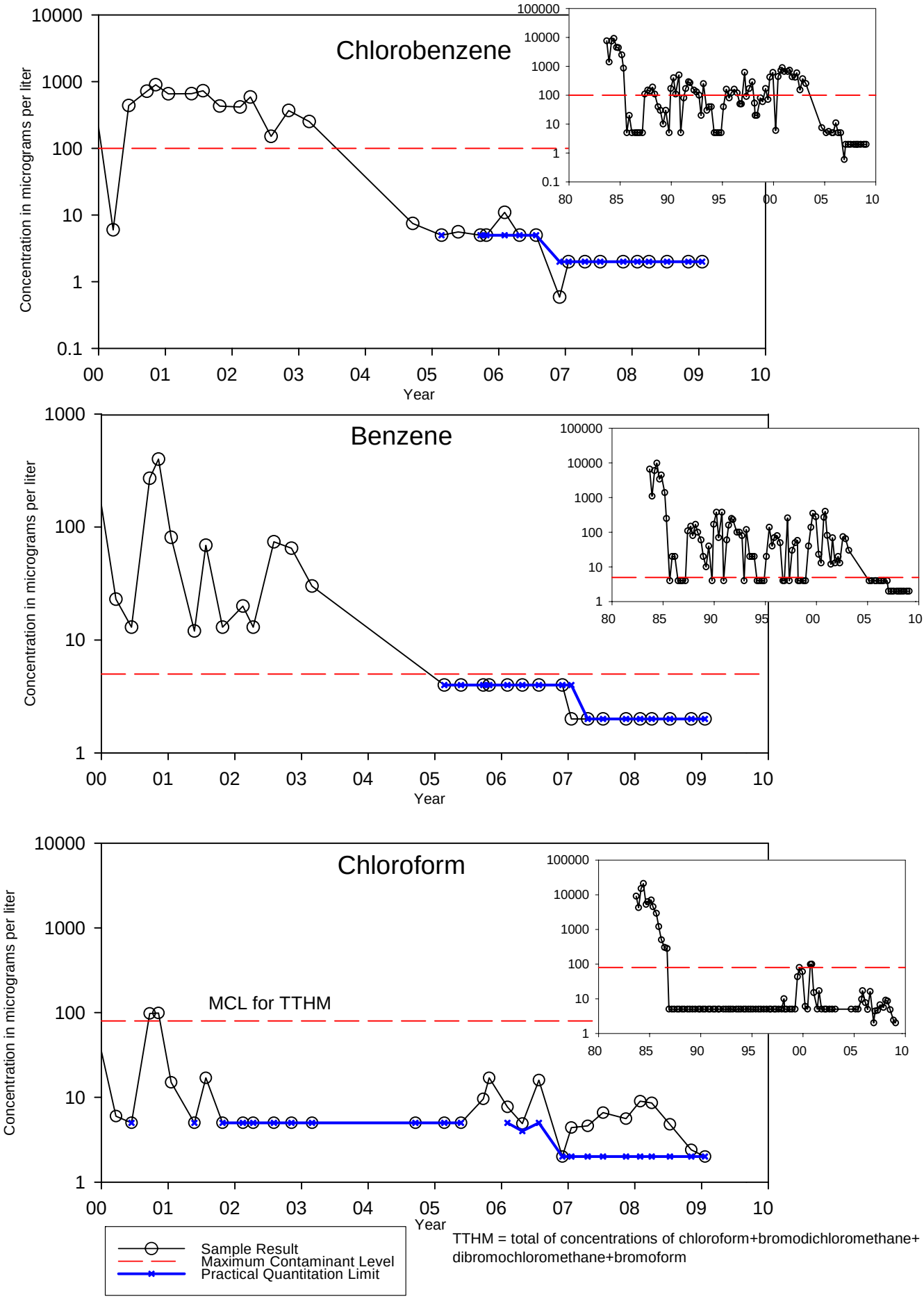
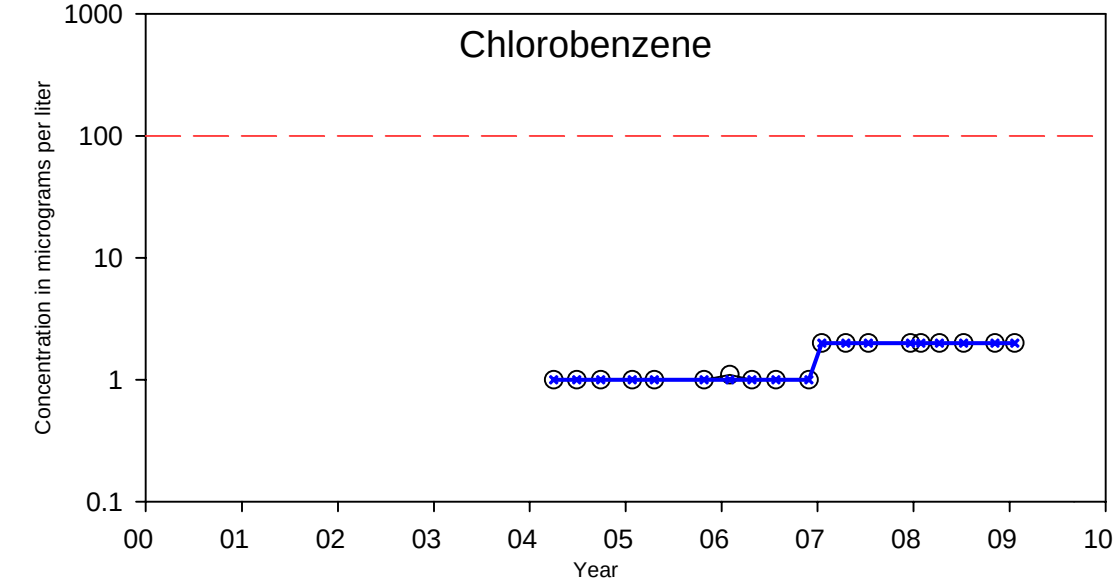
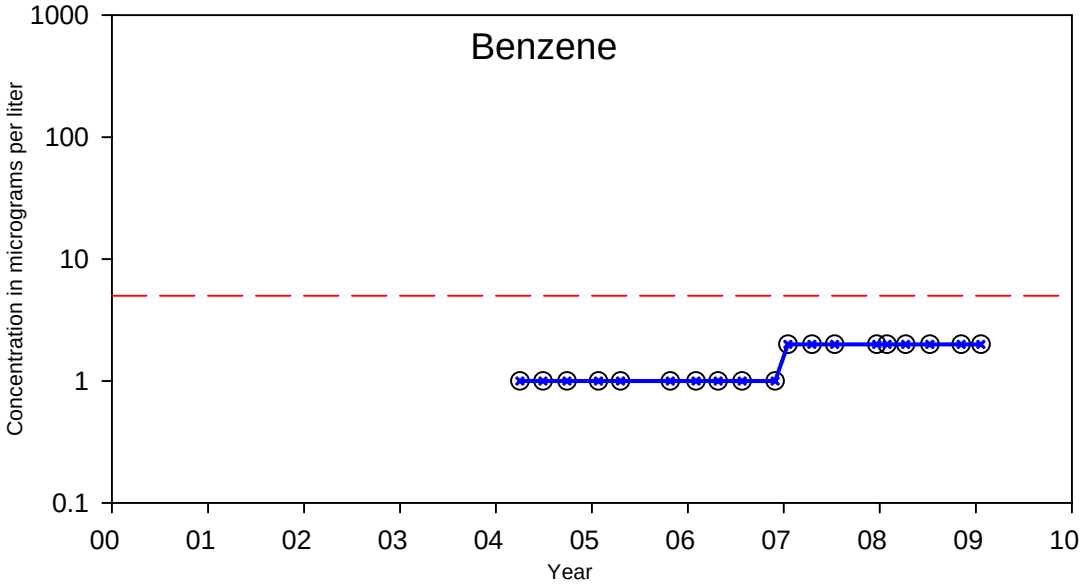
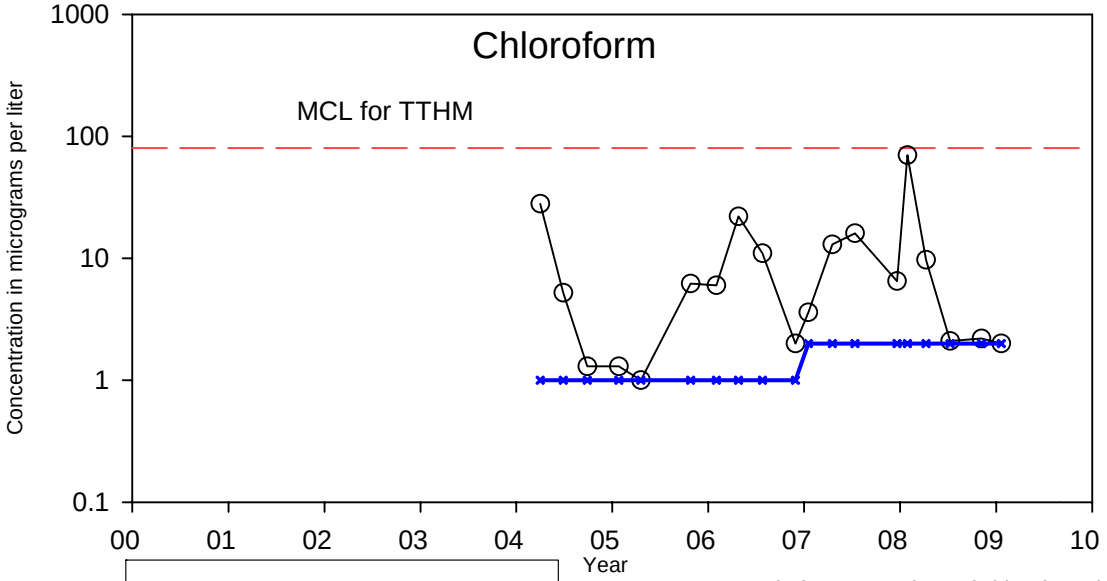


FIGURE B-5. WATER QUALITY GRAPHS FOR DOWNGRADIENT CONSENT ORDER MONITOR WELL H-58/58A







Sample Result
Maximum Contaminant Level
Practical Quantitation Limit

TTHM = total of concentrations of chloroform+bromodichloromethane+dibromochloromethane+bromoform

FIGURE B-6. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-46

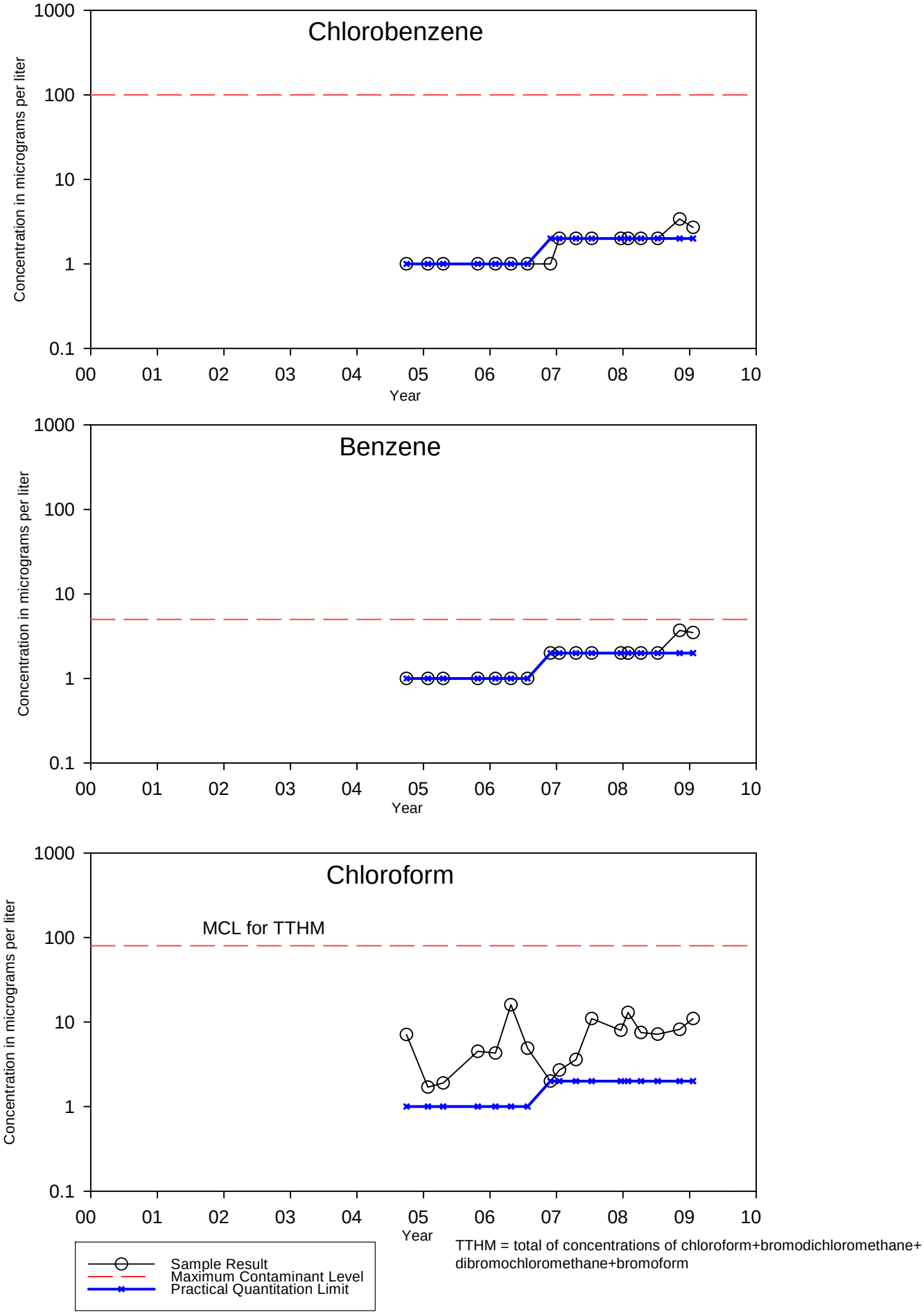
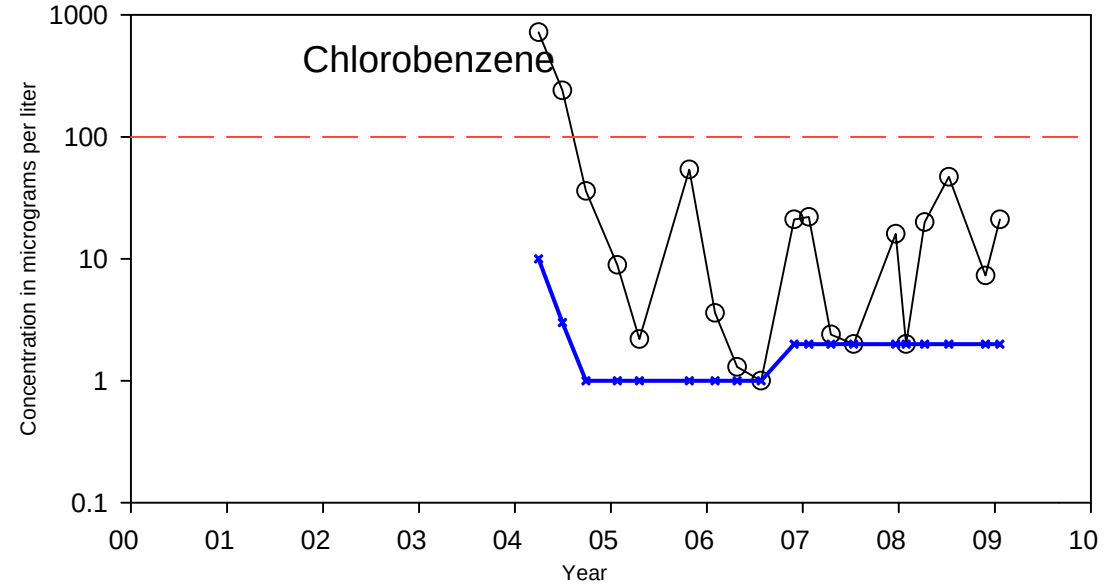
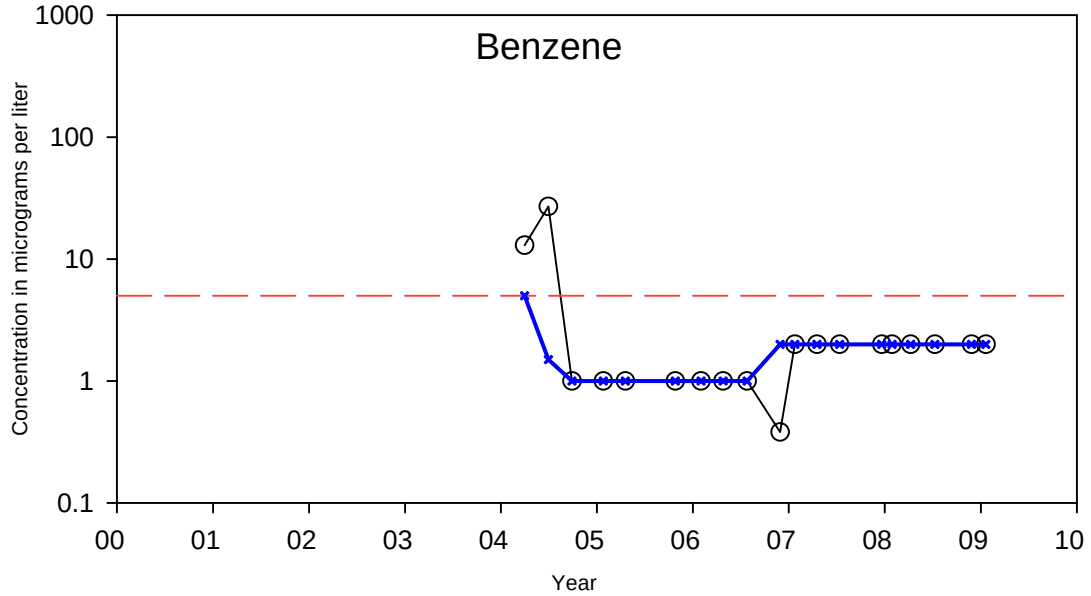
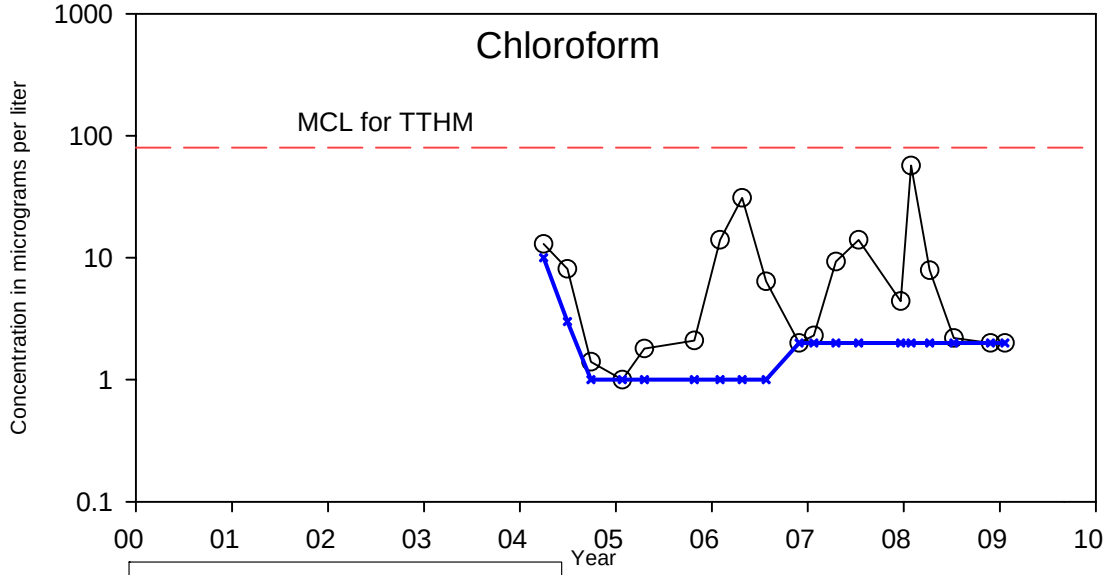


FIGURE B-7. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-47







Sample Result
Maximum Contaminant Level
Practical Quantitation Limit

TTHM = total of concentrations of chloroform+bromodichloromethane+dibromochloromethane+bromoform

FIGURE B-8. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-48

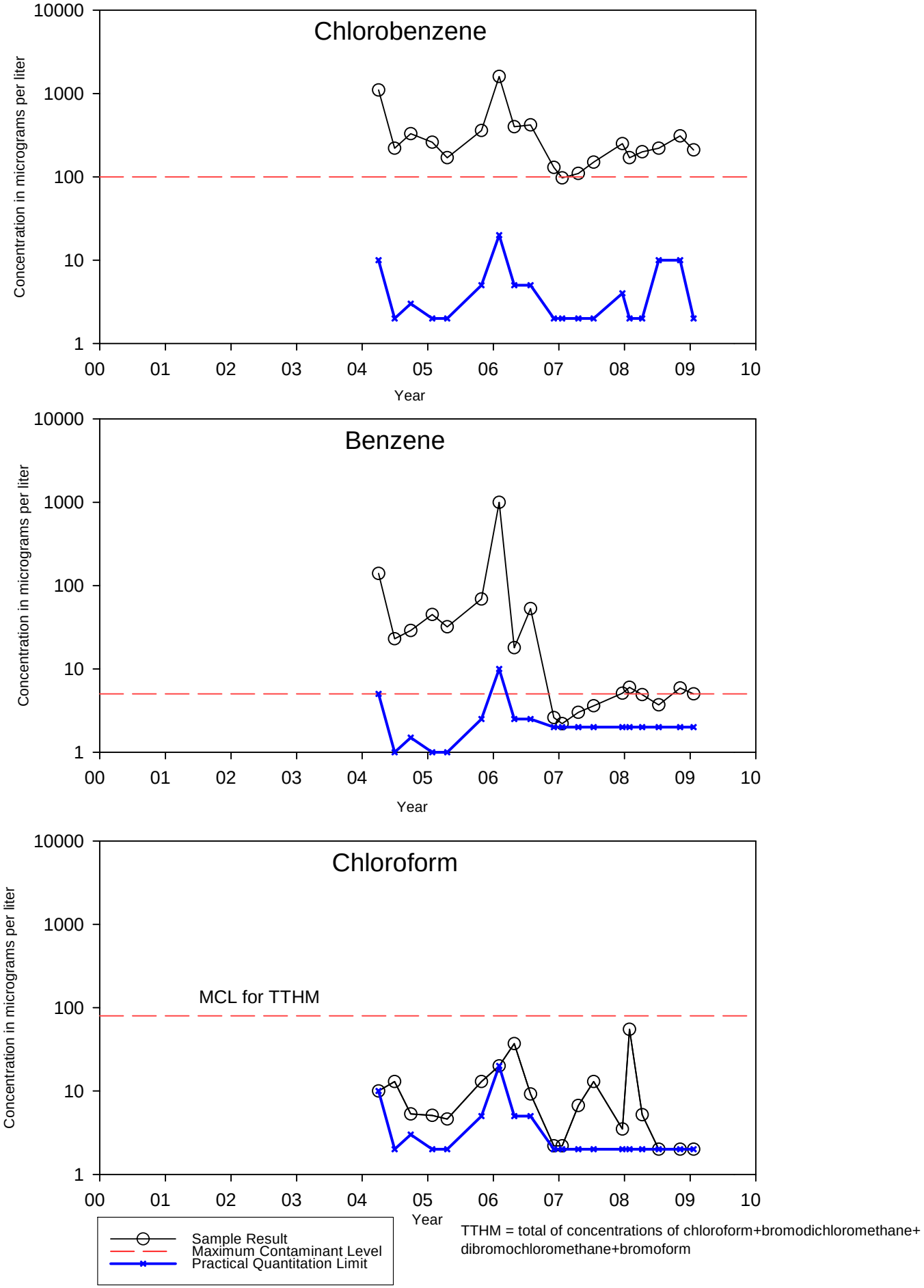
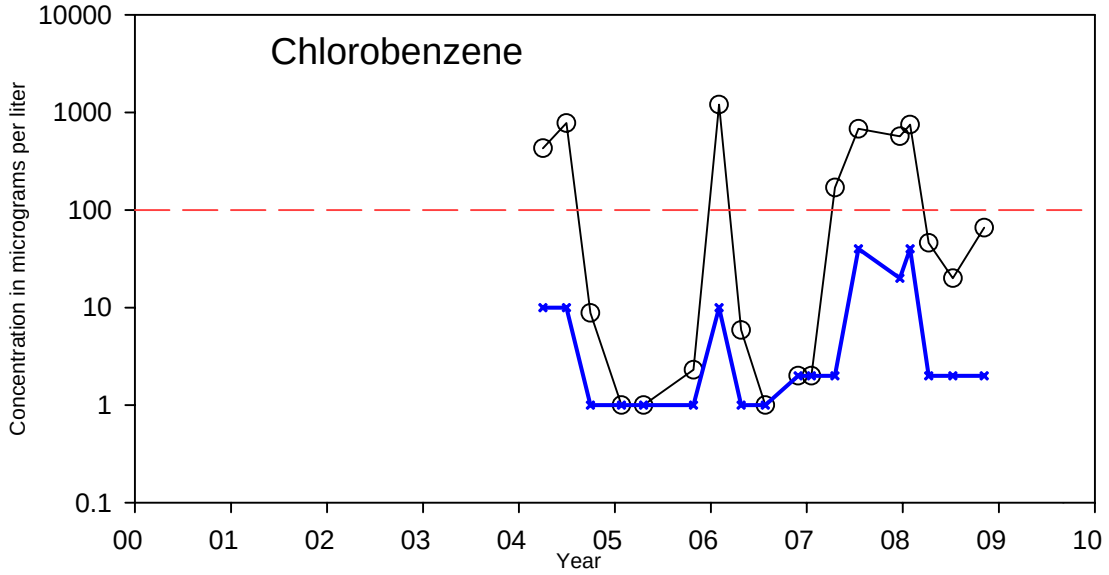
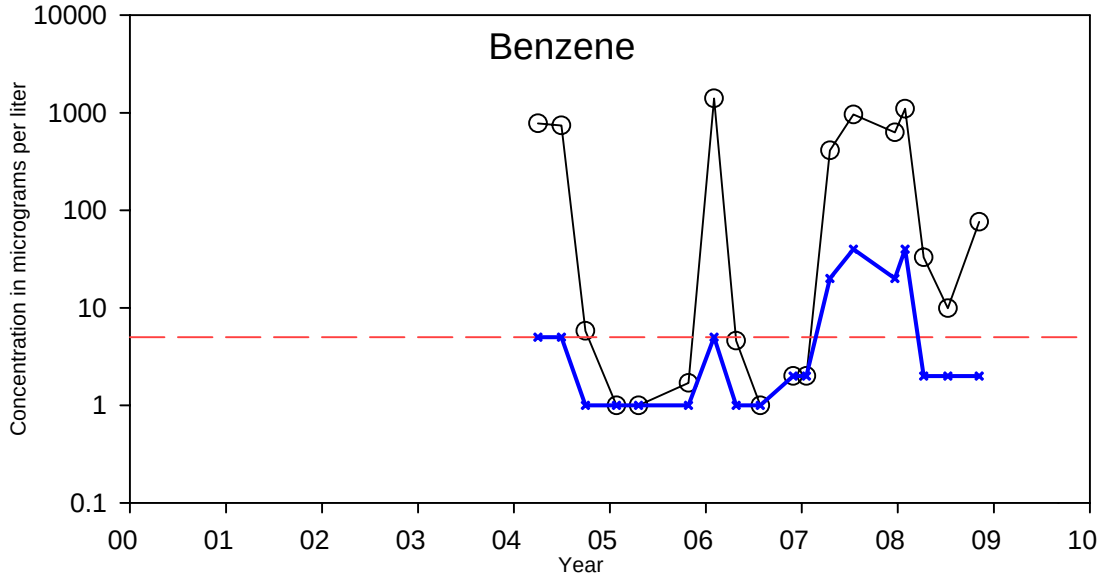
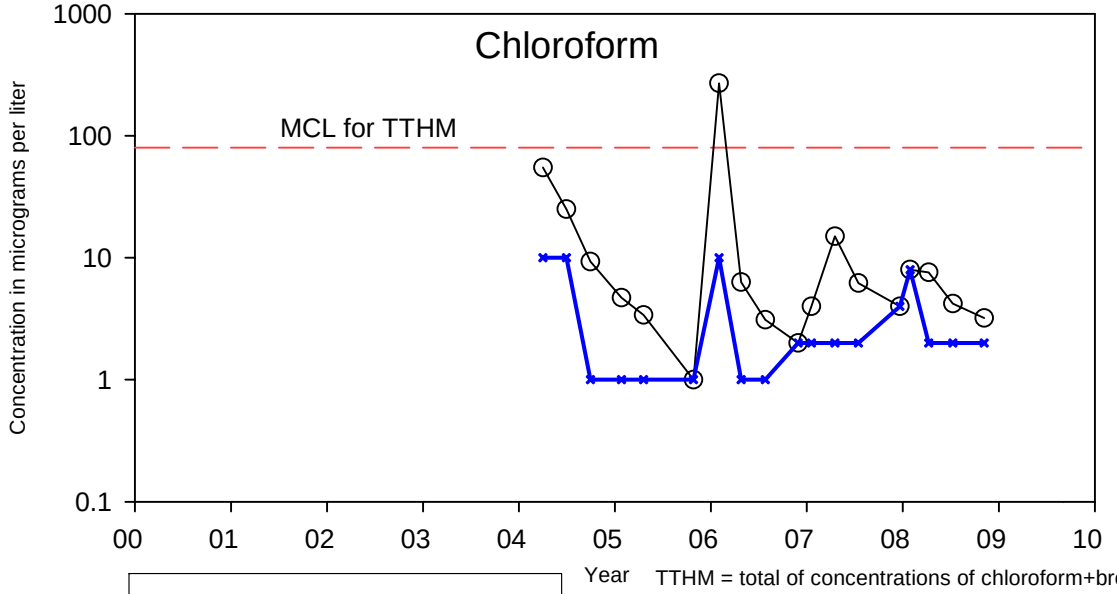


FIGURE B-9. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-49



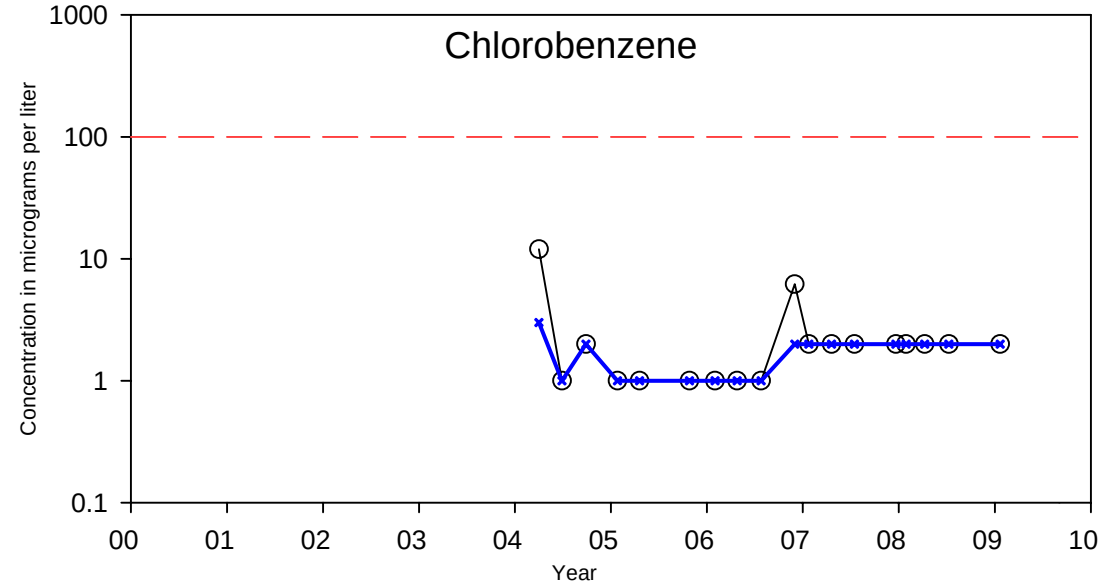


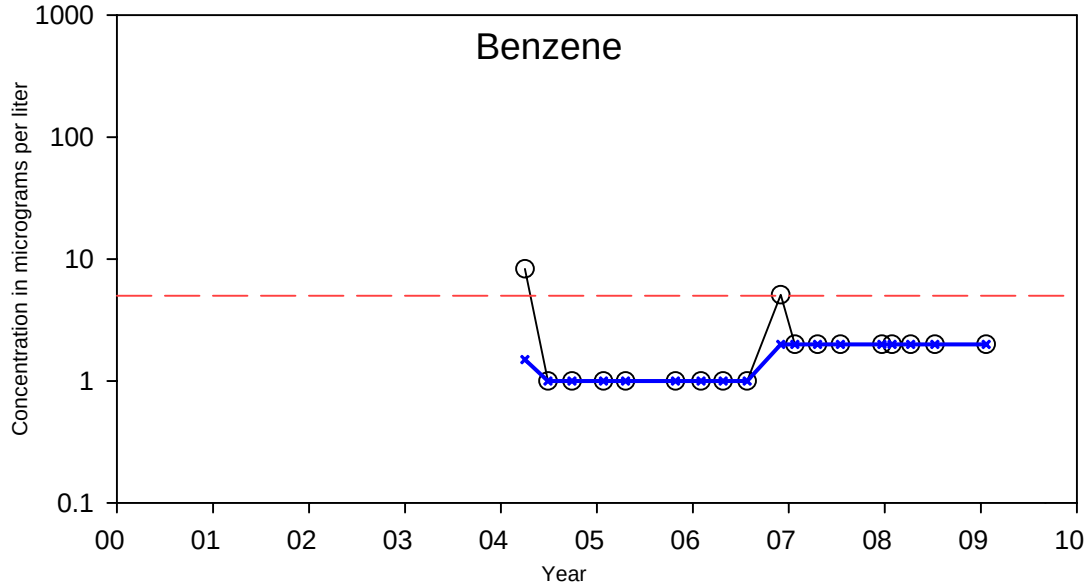


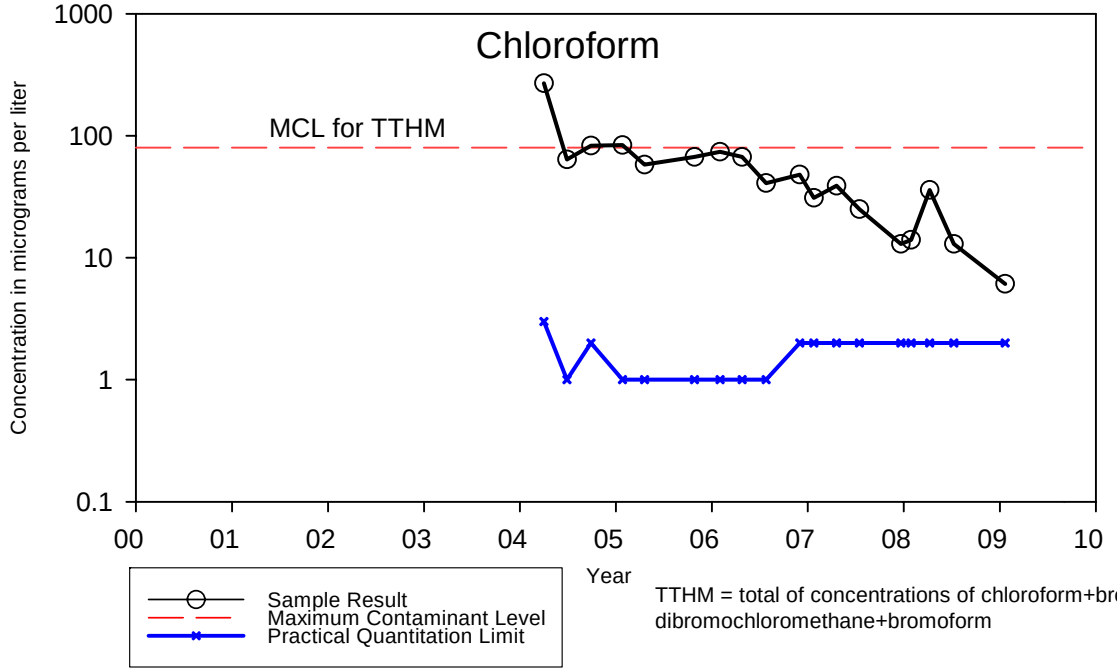
TTHM = total of concentrations of chloroform+bromodichloromethane+dibromochloromethane+bromoform

Sample Result
Maximum Contaminant Level
Practical Quantitation Limit

FIGURE B-10. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-50







TTHM = total of concentrations of chloroform+bromodichloromethane+dibromochloromethane+bromoform

FIGURE B-11. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-51

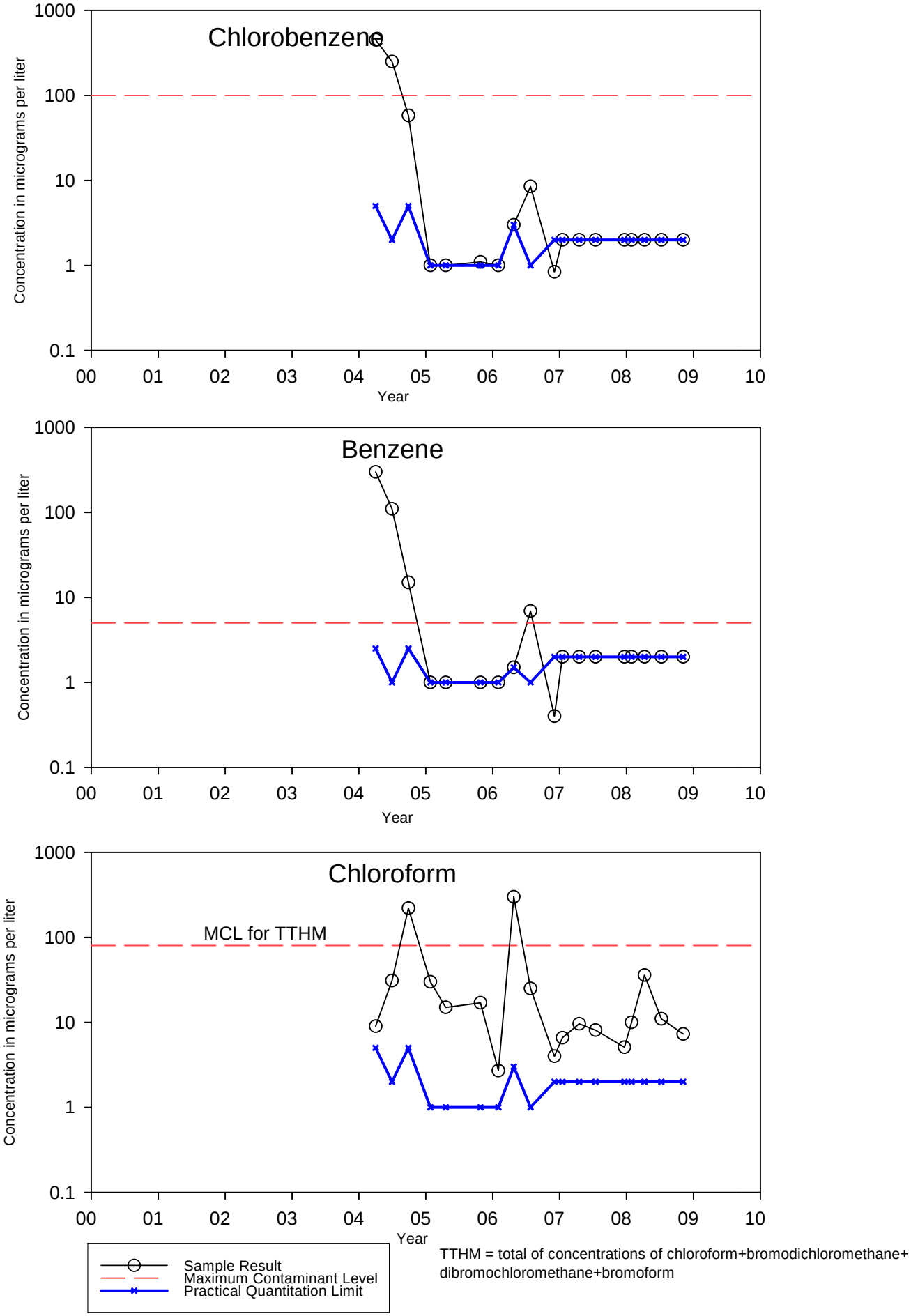


FIGURE B-12. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-53

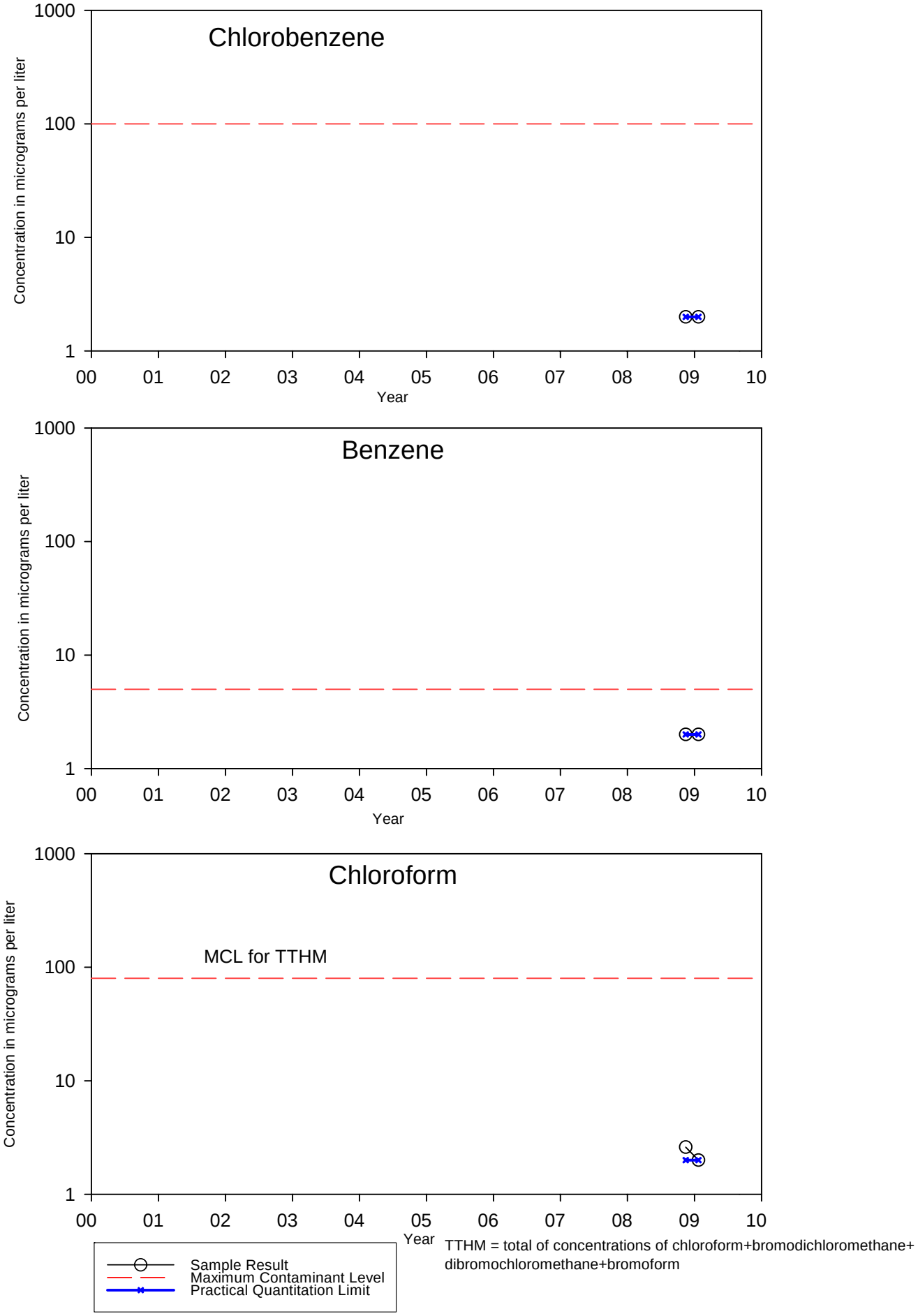


FIGURE B-13. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-113

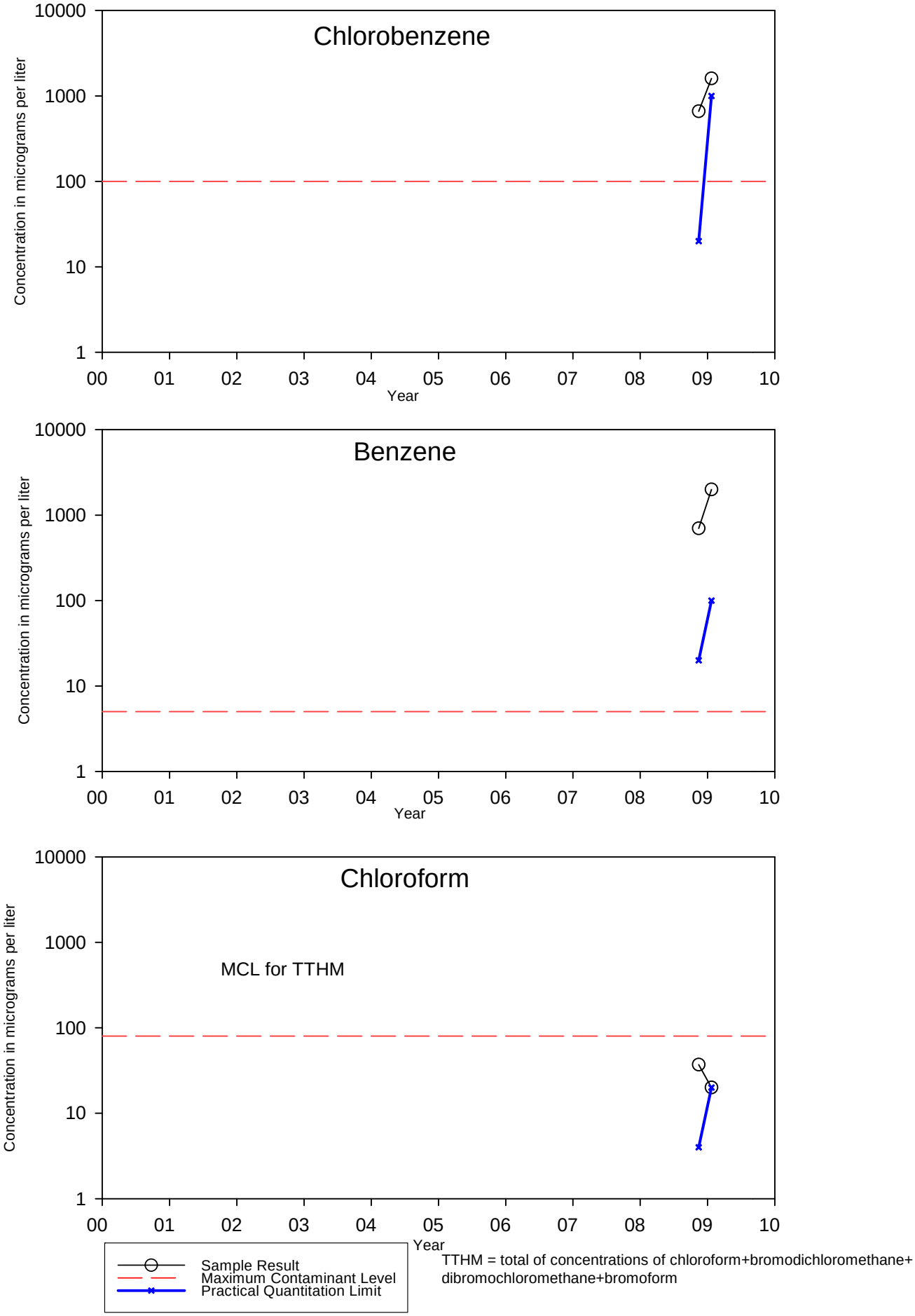


FIGURE B-14. WATER QUALITY GRAPHS FOR TRANSECT MONITOR WELL MC-114

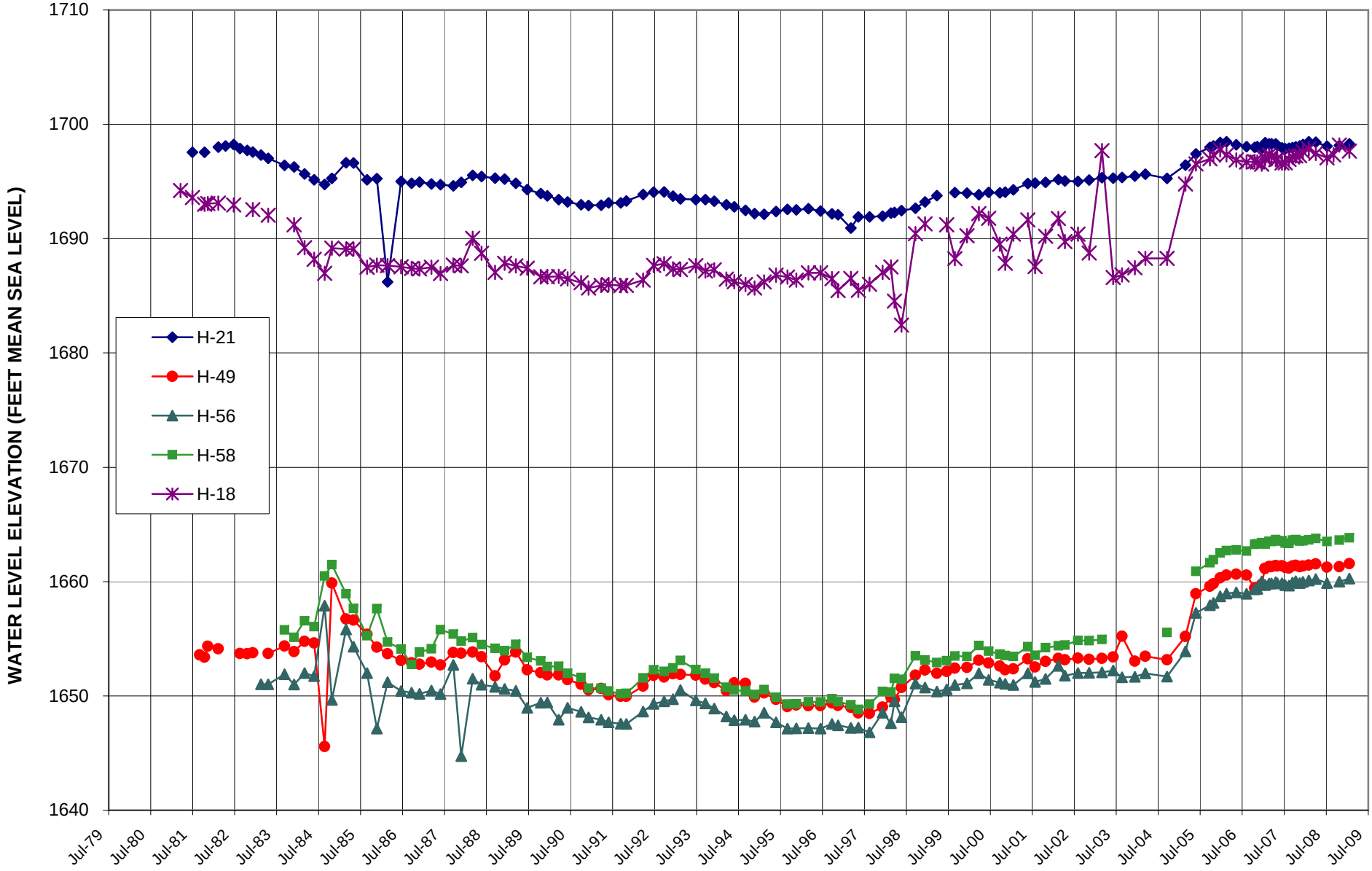


FIGURE B-15. CONSENT ORDER MONITOR WELL WATER LEVEL HYDROGRAPHS

HARGIS + ASSOCIATES, INC.

APPENDIX C

RESPONSE TO COMMENTS

APPENDIX C

RESPONSE TO NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) COMMENTS TO:

NDEP RESPONSE TO: QUARTERLY MONITORING REPORT FOURTH QUARTER 2008, GROUNDWATER TREATMENT SYSTEM HENDERSON, NEVADA, NDEP FACILITIES ID #s H-000536 AND H-000540; DATED FEBRUARY 13, 2009.

Pursuant to the request of the Nevada Division of Environmental Protection (NDEP), this Response to Comments was prepared to document responses to NDEP comments contained in the letter referenced above. Each NDEP comment is reiterated below and the response to the comment provided by the Companies.

GENERAL COMMENTS

1. *As previously communicated to the Companies on numerous occasions, multiple lines of evidence are required for adequate capture zone analysis pursuant to the United States Environmental Agency (USEPA) "A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems" (USEPA, January 2008), even though the 1983 Consent Order specifies only that "a graphical representation will be prepared monthly showing the overlapping cones of depression, which will be proof of the effectiveness of the intercept system", and which the Companies have never been able to demonstrate. Please address this issue in the Executive Summary, and also revise references to the overlapping cones of depression throughout the report to reflect this approach (see comments below).*

RESPONSE: The Companies recognize that a capture zone analysis using multiple lines of evidence pursuant to U.S. Environmental Protection Agency (EPA) guidance is to be completed and a plan has been provided to the NDEP to conduct the analysis. The Companies' plan was provided in a letter to NDEP dated January 17, 2008 (*Proposed Path Forward to Develop Multiple Lines of Evidence for Plume Capture; Henderson Groundwater Treatment System).*

In addition, the Companies believe that the purpose of the GTWS monitoring reports is to provide data regarding the GWTS operations and the Companies' intent is to limit the scope of the report to that purpose. Thus, the monitoring reports will transmit the data collected quarterly from the system and provide documentation that the system operated as designed during the quarter. Interpretation and evaluation of the data, including isopleth maps will be provided in the comprehensive annual groundwater monitoring report proposed in a letter to NDEP dated March 6, 2009 (*Proposed 2009 Site-Wide Groundwater Monitoring Program and Reporting; Henderson, Nevada, NDEP Facility ID#s H-000536 and H-000540*).

Similarly, the multiple lines of evidence and the capture zone analysis will be included in a stand alone capture zone analysis report, or as a section within the annual monitoring report. Since the GWTS monitoring reports will be limited to data submittal and operations issues; no executive summary is included.

2. *The NDEP requests that tabulated groundwater elevation data for all reported wells and contaminant isopleth maps be included in quarterly monitoring reports. Please also include infiltration trench flow data, especially since the trenches are operated using a manifold for flow routing and segmentation.*

RESPONSE: The Companies agree that tabulated groundwater elevation data for all reported wells is appropriate for the GWTS monitoring reports and this information will be included in future reports. Additionally, infiltration flow data will be included in the future reports in graphical format.

However, as indicated in the response to comment no. 1 above, the Companies believe that an annual monitoring report that will include all monitoring data for the site area is a more appropriate venue for contaminant isopleth (plume) maps. The historical data for the GWTS area, especially in the last few years, indicates that contaminant concentrations and distributions do not change significantly from quarter to quarter and the Companies believe that annual contaminant isopleth maps are sufficient to evaluate variations in contaminant distributions and will include maps of the most prevalent contaminants in the planned annual monitoring report.

3. *The NDEP requests that all groundwater elevation contour maps included in the report be produced at the 0.5 foot contour interval as used for Figures C-3 and C-4.*

RESPONSE: The 0.5 foot contours used for the C-3 and C-4 figures were prepared for the purpose of trying to evaluate the impact of changing pumping rates at extraction wells A and B. As such these maps were prepared and at a scale that covers only the area of interest. If the entire map were prepared at that scale the maps would be unnecessarily large for the purpose intended.

However, the Companies recognize that more detail will be desirable for the purpose of capture analysis in the future and that more detail will be possible after the additional piezometers that have been planned for the capture analysis are constructed. The Companies propose that one foot intervals be included in the vicinity of the well field and recharge trenches for future reports. Contour intervals of less than one foot will only be used for specific maps where needed for specific evaluations.

SPECIFIC COMMENTS

4. *Executive Summary, page ES-1, second bullet from the bottom of the page. This statement is confusing as it implies that system reconfiguration resulted in lower concentrations of contaminants in the extraction wells. Please revise it to clarify.*

RESPONSE: As indicated in the response to comment no. 1, the GWTS monitoring report is intended to be a brief summary report to provide NDEP with operational and monitoring data, and as such an executive summary is unnecessary and will not be included in future reports.

5. *Executive Summary, page ES-2, first bullet. Please revise this sentence to read (emphasis added) "…indicated that the following four pesticide compounds were detected…" rather than "…indicated that only four pesticide compounds were detected…"*

RESPONSE: Please see response to comment numbers 1 above. However, NDEP's editorial comment is noted and in future reports the compounds detected will be listed and the word "only" will not be used to describe the list.

6. *Executive Summary, page ES-2, the only sentence without a bullet. This sentence and the titles assigned to the three black bullets that follow should be revised to ensure consistent terminology for the addressed programs.*

RESPONSE: Please see response to comment number 1 above.

7. *Executive Summary, page ES-2, second bullet from the bottom of the page. This statement lacks the context of concentrations of pesticides detected in previous quarters. Please revise the report to provide concentrations of pesticides detected in previous quarters in the downgradient transect wells.*

RESPONSE: Please see response to comment number 1 above. However, future reports will include references to historic concentrations of pesticides detected in groundwater samples from the downgradient transect wells similar to the discussions provided for VOCs.

8. *Executive Summary, page ES-3, "Annual Extraction Well Sampling". Please revise the report to provide concentrations of pesticides detected in previous annual sampling of the groundwater extraction wells or some other context for the statement.*

RESPONSE: Please see response to comment number 1 above. However, future reports will include references to historic concentrations of VOCs and pesticides detected in groundwater samples from the annual extraction well sampling.

9. *Executive Summary, page ES-3, last paragraph. Pursuant to previous comments the NDEP does not consider overlapping cones of depression as sufficient demonstration of well field capture zone.*

RESPONSE: Please see response to comment number 1 above.

10. *Executive Summary, page ES-3, the last sentence. Please explain when and where this new well "N" will be installed.*

RESPONSE: Please see response to comment number 1 above. The location of planned extraction well N will be included on Figure 5 in future reports. Extraction well N is scheduled to be constructed as part of the field activities currently underway and is expected to be completed by the end of May 2009. The location of planned extraction well N was reported in, *Proposed Path Forward to Develop Multiple Lines of Evidence for Plume Capture; Henderson Groundwater Treatment System, dated January 17, 2008.*

11. *Section 1.1, page 1. The discussion of background should include a brief paragraph regarding the groundwater treatment system (GTWS) description, including generalized treatment system components (including infiltration trench segmentation); and dates of start-up, additions and optimizations.*

RESPONSE: Additional description of the GWTS has been added to Section 1.1.

12. *Section 2.2, page 8. Please clarify that the NDEP Basic Comparison Levels (BCLs) were exceeded in the downgradient Consent Order monitor wells for several compounds that have established USEPA Maximum Contaminant Levels (MCLs), i.e., 1,2,4-trichlorobenzene, 1,4-dichlorobenzene, chloroform, and trichloroethene.*

RESPONSE: This information has been added to Section 2.2 and will be added to future reports.

13. *Section 3.2, page 10, "Influent Monitoring Results". Please describe the mathematical approach used for derivation of the flow weighted average concentrations in Table 6, and correct the last sentence in the first paragraph from (emphasis added) "…are list in Table 6" to "…are listed in Table 6."*

RESPONSE: This information is provided once a year typically during the fourth quarter monitoring report. Since discussion with Dr. Skorska indicates that the NDEP has not requested a revised report and wishes the comments to be included in the next quarterly report, the mathematical approach will be described in the fourth quarter 2009 report, and the text will be corrected as indicated.

14. *Section 3.2, page 11, the last sentence on the page. The NDEP has the following comments:*

    a. *Please correct the sentence from (emphasis added) "…<u>only</u> four pesticide compounds were detected…" to "… <u>the following</u> four pesticide compounds were detected…", and add an explanation that concentrations of α-BHC and β-BHC exceeded their respective NDEP BCLs in the discharge samples.*

RESPONSE: The text in Section 3.2 was revised as requested and will be revised as indicated in future reports.

b. *Also, this discussion lacks context as it discusses the influent and effluent concentrations simultaneously. The Companies should include discussion in the revised report to compare the influent to effluent concentrations.*

RESPONSE: A discussion of the concentrations of pesticides in the influent and effluent samples from the LGAC sampling and a reference to Table 3 has been added to Section 3.2.

15. *Section 3.2, page 14, "Pesticides". Please add the NDEP BCLs and the USEPA MCLs to the table and include a discussion that concentrations of α-BHC and β-BHC exceeded their respective NDEP BCLs.*

RESPONSE: The BCLs and MCLs have been added to the table and a discussion was added indicating that concentrations of α-BHC and β-BHC exceeded their respective BCLs. Please also see response to comment number 14.

16. *Section 3.5, page 13 and Table 5 and Figure 10. The NDEP notes that the new downgradient transect well MC-114 had the highest concentration levels of several contaminants (i.e., benzene, chloroform, chlorobenzene, tetrachloroethene, δ-BHC, and γ-BHC) when compared against all nine downgradient transect wells. The location of MC-114 is not marked on Figure 10 but it appears to be downgradient from the area between the GWTS extraction wells F and G where the cones of depression do not overlap and no other evidence appears to be available to support flow capture. Please revise Figure 10 to show locations of all downgradient transect wells, and include a discussion of these observations in the revised report along with the following:*

RESPONSE: Transect monitor well MC-114 was not included on Figure 10 because a water level measurement was not taken at this location during the fourth quarter 2008 monitoring event. However, transect monitor wells MC-113 and MC-114 are both displayed on Figure 5 of the report (Monitor Wells and GWTS Components). A discussion of the VOC and pesticide analytical results will be included in future reports.

However, as indicated in response to comment number 1 above, the issue of capture will not be discussed in the quarterly GWTS monitoring reports. In addition, as indicated by NDEP, overlapping cones of depression are only one indication of capture and additional analyses are necessary to determine if there is capture between extraction wells F and G.

As a final note, the Companies have submitted a work plan to NDEP for the construction of new extraction well (extraction well O) located between existing extraction wells F and G to supplement or replace these two aging wells since the performance of these wells have begun to deteriorate over time.

a. *The concentration of benzene was 140 times higher than the USEPA MCL, chlorobenzene was 6.6 times higher than the USEPA MCL, and tetrachloroethene was 1.7 times higher than the USEPA MCL.*

RESPONSE: As indicated in the response to comment number 12, the text and tables will provide a comparison of contaminant concentrations to EPA MCLs and NDEP BCLs.

b. *The concentrations of the following pesticides, for which USEPA MCLs are not established, exceeded their respective NDEP BCLs: α-BHC was 187 times higher than the BCL, β-BHC was 107 times higher than the BCL, and γ-BHC was 3.7 higher than the BCL.*

RESPONSE: Please see response to comment numbers 12 and 16a above.

17. *Section 4.3, page 16. Reviewing Figures 6 and 10, the NDEP believes that the groundwater elevation map demonstrates that for October 2008 that plume capture was not achieved. This appears to be evident based on evaluation using flow-net concepts; inferred groundwater flow paths through several portions of the extraction well field do not terminate at groundwater extraction wells (also see Comment 16). Please discuss this in the revised report.*

RESPONSE: Please see response to comment number 1 above.

18. *Section 4.4, pages 16 and 17. The Companies state "A wellfield optimization test was conducted during the third and fourth quarters of 2008 to determine if flow rates at extraction well A and B flow rates could be reduced while still demonstrating capture by overlapping cones of depression in the western portion of the wellfield." Whether or not overlapping cones of depression are achieved, it is clear from Figure 10 and Appendix C Figure C-4 that plume capture was not achieved (also see comments above and below). Please discuss this in the revised report.*

RESPONSE: Please see response to comment number 1 above.

19. *Appendix C, page C-3, "Evaluation of Water Level Elevations…Maps," 2nd paragraph. Please provide the rationale for the assumption of 35% well efficiency.*

RESPONSE: The assumed 35 percent efficiency is simply an estimate. Calculated efficiencies of the extraction wells in the GWTS area is based on measurements of pumping levels and measurements in nearby monitor wells. Data for the wellfield indicates that efficiencies range from 10 to 25 percent. However, all of these calculations are from paired pumping wells and observation wells that are at least five feet from the pumping wells.

The efficiency of extraction well E3 was estimated at 25 percent using water levels from Old Well E. This well is constructed similarly to extraction wells A, B, and C, and extraction wells E3 is one of the more productive wells in the wellfield. It was assumed that wells A, B, and C were at least as efficient as well E3. Based on these similarities, the calculated efficiency was increased to 35 percent to account for the distance between wells E3 and Old Well E.

However, it should be noted that the estimated efficiency was only used to estimate drawdown at the extraction wells to preclude the computerized contouring package from using the uncorrected pumping levels in preparing the water level contour maps. The uncorrected pumping levels are not actual drawdown as they are the result of both drawdown in the aquifer and well loss and, thus, using the uncorrected pumping levels would overestimate drawdown at the extraction wells. It will not be necessary to use corrected extraction well data in future capture analyses because piezometers are being constructed adjacent to all extraction wells that do not already have nearby monitor wells. The field effort to construct the piezometers was initiated on May 4, 2009.

20. *Appendix C, page C-4, "Conclusions". "The goal of the test was to determine whether estimated reductions in extraction well A and B flow rates can be made and still demonstrate overlapping cones of depression in the western portion of the GWTS. The test as conducted and instrumented did not provide sufficient information to demonstrate that reduced pumping rates in extraction wells A and B still provide overlapping cones of depression in the western paleochannel." Please refer to NDEP's comments above regarding overlapping cones of depression, and reflect it in the revised "Conclusions".*

RESPONSE: Please see response to comment number 1 above.

21. *Appendix C, page C-4, "Recommendations". The NDEP believes that before the Companies proceed with any optimization of the GWTS well field, they must first demonstrate plume capture utilizing multiple lines of evidence as previously indicated to the Companies, and reiterated above. Please reflect this in the revised "Recommendations".*

RESPONSE: Please see response to comment number 1 above.