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RESULTS OF LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT ACTIVITIES

7-Acre Parcel
Elko County APN: 002-770-005
Wells
Elko County
Nevada

Prepared for:

State of Nevada
Department of Conservation & Natural Resources
Division of Environmental Protection
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701

On behalf of:
City of Wells

June 13, 2013

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EXECUTIVE SUMMARY

This report presents the findings of a Limited Phase II Environmental Site Assessment (ESA) performed on one parcel of land located in Wells, Nevada. The parcel is listed with Elko County, Nevada as Assessor's Parcel Number (APN) 002-770-005 and is located on 6th Street approximately 600 feet west of Highway 93. The objectives of the ESA activities were to address the recognized environmental conditions (RECs) identified during a previous Phase I ESA.

In May of 2012, a Phase I ESA was performed by MGA on the subject property. Based upon the site reconnaissance and available historic information, several RECs were identified that would require further assessment. The RECs are listed below.

- The information obtained from a personal interview with Jolene Supp, City Manager of Wells, Nevada, combined with details shown in the historical aerial photo of the year 1967, indicates a gas station may have existed on the subject property. In addition, an ARRA document titled NE4-010 indicates that potential orphaned USTs may be located on the subject property.*
- The locations of the Former Fearless Farris Stinker Station and the Four-Way Truck Stop appear to be upgradient to the subject property. The information obtained from the NDEP indicates a potential migration of the contaminant plumes from each site toward and possibly onto the subject property.*
- The former Chevron Service Station appears to be upgradient to the subject property and due to the past hydrocarbon releases, contaminants are possibly present on the subject property due to this offsite source.*

Based on these identified RECs, it was determined that performance of a Limited Phase II ESA was warranted. In order to address the above RECs, MGA prepared a sampling and analysis plan (SAP) which was developed specifically for the subject property to address the proposed field sampling activities, the proposed laboratory analysis of the collected samples, and quality control/data review requirements for the project. The SAP was prepared in accordance with the Nevada Division of Environmental Protection (NDEP) Quality Assurance Program Plan (QAPP) for the Nevada Brownfields Program (NBP) and was approved by NBP staff prior to field activities being implemented.

The site activities implemented for this Limited Phase II ESA included the following: a survey of the property boundaries via the use of global positioning system (GPS) equipment; a survey for abandoned or orphaned underground storage tanks (USTs) utilizing ground penetrating radar (GPR) technology; and the collection of soil samples and discrete groundwater samples from borings advanced with GeoprobeTM technology. With the exception of the method utilized to obtain groundwater samples, the sampling program was carried out per the NBP-approved SAP. The proposed method within the SAP for collection of groundwater samples was to utilize a point-in-time "grab sampler" for collection. However, prior to field activities and based on equipment utilized by the drilling contractor, MGA staff chose to utilize a peristaltic pump in place of the "grab sampler".

The results of the GPR survey indicated that a potential UST system was located on the subject property. Near the observed anomaly, MGA staff found what appeared to be a possible fill pipe. A slight odor emanating from the cavity indicated that petroleum products may have been stored there in the past. Further, additional evidence of former dispensers was observed in this area.

For this project, seven borings were advanced to groundwater, which was encountered between 8.5 and 12.5 feet below ground surface (bgs). Soil was classified during the advancement of each boring and boring logs are provided in Appendix B. Once encountered, a groundwater sample was collected within boring. In addition, during the advancement of all seven borings, a total of 15 soil samples were collected. Each groundwater sample was analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). Each soil sample was analyzed for VOCs, SVOCs, and total petroleum hydrocarbons (TPH). During the sampling activities, observations were made that indicated several of the sampling locations may have elevated concentrations of petroleum constituents.

The results of the analyses indicate that petroleum constituents at levels above the State of Nevada reportable concentration (RC) were found in samples collected from only one of the seven borings. This boring (B-2) is located near the southeast corner of the property, is adjacent to the current Shell gas station to the east, and is downgradient from a former gas station that was located across 6th Street to the southwest.

Upon conclusion of our Limited Phase II ESA, and based on analytical laboratory data for samples collected at the site, MGA is of the opinion that petroleum constituents found above their associated Nevada RC in boring B-2 is most likely due to offsite contamination from the former gas station located upgradient and across 6th Street to the southwest. In addition, it appears that possible orphaned tanks are located on the subject property and those tanks may still contain petroleum products. Therefore, MGA recommends that the tanks be removed in accordance with State of Nevada regulations.

1. INTRODUCTION

McGinley & Associates (MGA) conducted a Limited Phase II Environmental Site Assessment (ESA) on undeveloped property located just west of the intersection of 6th Street and US Highway 93 in Wells, Nevada. MGA conducted this investigation for the purpose of investigating previously identified *recognized environmental conditions* (RECs) on the subject property. The site location is shown in Figure 1.

2. OBJECTIVES

The ESA activities were proposed to address observed RECs identified during a previous MGA Phase I ESA performed on the property. The previous Phase I ESA was conducted as part of the Nevada Brownfields Program (NBP) for the Nevada Division of Environmental Protection (NDEP). Based on those observed RECs, the objective of this ESA was to assess for the presence of onsite orphaned USTs, environmental contamination from found USTs, and environmental contamination from offsite sources. As required by the State of Nevada Administrative Code (NAC) 459, all MGA services were supervised and reviewed by a Nevada Certified Environmental Manager (CEM).

3. SCOPE OF SERVICES

The ESA activities were conducted in accordance with the Scope of Work approval letter issued by the NDEP (client) on November 13, 2012. The ESA activities included:

- Preparation of a NBP approved sampling and analysis plan (SAP);
- Preparation of a health and safety plan (HASP);
- The use of ground penetration radar services for determining the presence of USTs on the property;
- Advancement of seven direct-push soil borings (B-1 through B-5, and B-8 through B-9) at locations indicated in Figure 2;
- Classification of soils encountered in each boring;
- Collection of soil samples within each boring per the NBP approved SAP;
- Collection of a discrete groundwater sample from each boring per the NBP approved SAP;
- Proper abandonment of each boring utilizing a cement slurry following the completion of sampling activities;
- Analytical testing of soil and groundwater samples by a Nevada-certified laboratory; and
- Preparation of this report.

4. BACKGROUND

In May of 2012, a Phase I ESA was performed by MGA on the subject property. Based upon the site reconnaissance and available historic information, several RECs were identified that would require further assessment. The RECs are listed below.

- The information obtained from a personal interview with Jolene Supp, City Manager of

Wells, Nevada, combined with details shown in the historical aerial photo of the year 1967, indicates a gas station may have existed on the subject property. In addition, an ARRA document titled NE4-010 indicates that potential orphaned USTs may be located on the subject property.

- The locations of the Former Fearless Farris Stinker Station and the Four-Way Truck Stop appear to be upgradient to the subject property. The information obtained from the NDEP indicates a potential migration of the contaminant plumes from each site toward and possibly onto the subject property.
- The former Chevron Service Station appears to be upgradient to the subject property and due to the past hydrocarbon releases, contaminants are possibly present on the subject property due to this offsite source.

Based on these identified RECs, it was determined that performance of a Limited Phase II ESA was warranted. In order to address the above RECs, MGA prepared a sampling and analysis plan (SAP) which was developed specifically for the subject property to address the proposed field sampling activities, the proposed laboratory analysis of the collected samples, and quality control/data review requirements for the project. The SAP was prepared in accordance with the NDEP Quality Assurance Program Plan (QAPP) for the NBP and was approved by NBP staff prior to field activities being implemented.

5. ENVIRONMENTAL INVESTIGATION

Prior to field activities, a survey of the site boundaries was performed by MGA staff. In addition, all proposed borings were marked during this time for utility location purposes. The Limited Phase II ESA field activities were conducted on March 13 and 14 of 2013. The GPR survey was conducted by Ground Penetrating Radar Systems, Inc. out of Las Vegas, Nevada. Seven direct-push borings (B-1, B-2, B-3, B-4, B-5, B-8, and B-8) were advanced at the approximate locations shown in Figure 2. Drilling was conducted by EarthProbe of Bountiful, Utah. A MGA representative was onsite to oversee all field activities and ensure that the collection of all soil and groundwater samples were performed per the NBP approved SAP. The ESA activities are described in the following sections.

5.1 Pre-field Activities

Prior to commencing with field activities, the boring locations were marked with white paint and Underground Service Alert (USA call-before-you-dig) was notified to assess for the presence of underground utilities in the areas where drilling was to be conducted. A site-specific sampling and analysis plan (SAP) with associated site specific health and safety plan (HASP) was prepared by MGA. The SAP/HASP was reviewed and approved by NBP staff. The SAP/HASP was reviewed by all onsite personnel prior to commencing with field activities.

In addition, the boundaries of the site were surveyed by utilizing a Trimble GPS unit to ensure all borings were located within the project boundaries.

5.2 GPR Survey

GPRS out of Las Vegas, Nevada was contracted to perform a GPR survey on the subject property to locate utilities and orphaned/abandoned underground storage tanks (USTs). GPRS utilized a GSSI GPR device that transmits an electromagnetic pulse through the ground and displays the reflection on a screen for interpretation. The device utilizes a 400 MHz antenna which allows for the GPR signal to penetrate the ground approximately eight to

10 feet. The locator device detects live power and radio frequency (RF) signals underground, which allows the operator to locate electrical or telephone lines even if they are smaller than what a GPR system usually can detect.

For this assessment, GPRS scanned roughly one acre of land in the vicinity of observed evidence relating to gas pump islands and dispensers. All findings were marked directly on the ground. Near the equipment debris found during the previous Phase I ESA, an anomaly was detected that may indicate a potential orphaned UST system and its related piping. No other anomalies were detected during the GPR survey.

5.3 Advancement of Geoprobe™ Borings

All seven borings were advanced utilizing track-mounted Geoprobe™ equipment. At each boring location an approximate two-inch diameter hollow stainless steel rod was advanced into the subsurface. Decontaminated rods were used at each boring location. Each boring was advanced until groundwater was encountered, approximately 8.5 to 12.5 feet bgs. Drill cuttings were classified in accordance with the Unified Soil Classification System (USCS). Logs for each boring are presented in Appendix A.

5.4 Soil Sample Collection

Continuous soil cores were collected from all borings by placing a polyethylene sleeve inside the rod and advancing the rod into undisturbed soil. Soil samples were collected from the continuous soil cores at select depths utilizing PID screening and/or visual/olfactory observations. The soil samples were cut from the soil cores (care was taken to minimize disruption of the sample), capped on each end, and preserved on ice in a cooler pending delivery to the laboratory for analysis.

5.5 Groundwater Sample Collection

Discrete groundwater samples were collected from all borings. The groundwater samples were collected using a peristaltic pump. New tubing was used at each sample location. The groundwater samples were placed in 40 mL VOA vials with no entrained air. The VOA vials were preserved (if required), sealed, labeled, and preserved on ice in a cooler pending delivery to the laboratory for analysis. Each boring was backfilled with cement grout following completion of sampling activities.

5.6 Analytical Testing

Collected samples were delivered under chain-of-custody protocol to ESC Lab Sciences for analysis.

The following analyses were requested to be performed on all soil samples submitted:

- VOCs per EPA Method SW8260B
- SVOC-SIM per EPA Method SW8270C
- TPH per EPA Method 8015 (both gas range organics (GRO) and diesel range organics (DRO))

The following analyses were requested to be performed on all groundwater samples submitted:

- VOCs per EPA Method SW8260B
- SVOC-SIM per EPA Method SW8270C

The chain-of-custody records for the soil samples are provided in Appendix B.

6. ANALYTICAL RESULTS

6.1 VOCs

The analytical results pertaining to VOCs for the soil samples are summarized in Table 1. Several of the samples contained detectable concentrations of various VOC constituents. However, only one soil sample (SS-02 @ 13.5 feet bgs) contained VOC constituents at levels greater than the State of Nevada reportable concentration (RC). The contaminants found to be at concentrations above the RC are as follows:

SS-02-13.5

Constituent	Concentration (mg/Kg)	NDEP RC (mg/Kg)
Ethylbenzene	32	5.7
Naphthalene	11	3.9
1,2,4-Trimethylbenzene	100	67

The analytical results pertaining to VOCs for the groundwater samples are summarized in Table 2. Several of the samples contained detectable concentrations of various VOC constituents. However, only one groundwater sample (GW-02) contained VOC constituents at levels greater than the State of Nevada RC. The contaminants found to be at concentrations above the RC are as follows:

GW-02

Constituent	Concentration (ug/L)	NDEP RC (ug/L)
Benzene	12	5
Ethylbenzene	1100	700
Methylene Chloride	20	5

6.2 SVOCs

The analytical results pertaining to SVOCs for the soil samples are summarized in Table 3. Several of the samples contained detectable concentrations of various SVOC constituents. However, none of the soil samples analyzed contained SVOC constituents at levels greater than the State of Nevada reportable concentration (RC).

The analytical results pertaining to SVOCs for the groundwater samples are summarized in Table 4. Several of the samples contained detectable concentrations of various SVOC constituents. However, none of the groundwater samples analyzed contained SVOC constituents at levels greater than the State of Nevada RC.

6.3 TPHs

The analytical results pertaining to TPH for the soil samples are summarized in Table 5. Both the low fraction (gas range organics (GRO)) and high fraction (diesel range organics (DRO)) were analyzed for each sample.

Of the 15 soil samples analyzed for TPH-GRO constituents, two exhibited concentrations above laboratory detection limits. Of those two samples, only one was above the Nevada RC for TPH of 100 mg/Kg. The soil sample was collected at 13.5 feet bgs in boring B-2. This data corresponds to the VOC data previously discussed.

Of the 15 soil samples analyzed for TPH-DRO constituents, five exhibited concentrations above laboratory detection limits. Of those five samples, two were found to be above the Nevada RC for TPH of 100 mg/Kg. Both of those soil samples were collected from boring B-2 at 10 and 13.5 feet bgs.

7. DATA QUALITY

7.1 Sampling

All samples were collected in accordance with EPA and MGA SOPs. With the exception of the method utilized to obtain groundwater samples, the sampling program was carried out per the NBP-approved SAP. The proposed groundwater sampling method within the SAP was to utilize a point-in-time “grab sampler” for collection. However, due to sampling equipment provided by the drilling contractor, MGA staff chose to utilize a peristaltic pump in place of the “grab sampler”. All samples were preserved in a cooler until they were received by the laboratory (see chain-of-custody records provided in Appendix A).

7.2 Laboratory Analytical Data

The laboratory analytical data for the collected samples were in compliance with the data quality objectives established in the laboratory’s SOP. According to the report, several qualifiers were noted in the analyses of the samples. However, the qualifiers are common and do not appear to materially affect the usability of the results for decision making purposes.

8. SUMMARY OF FIELD ACTIVITIES

- A site boundary survey was performed to ensure all activities were performed on the subject property;

- All proposed borings were marked for utility location prior to drilling activities;
- A GPR survey was conducted in the vicinity of previously discovered evidence suggesting a gas pump or dispensers were formerly located in that area;
- Seven direct-push borings were advanced to groundwater through the use of track-mounted Geoprobe™ equipment;
- Soil samples were collected from each boring at various depths based on PID readings and/or visual/olfactory observations;
- Groundwater samples were collected from each boring utilizing a peristaltic pump; and
- After sampling activities were completed, each boring was properly abandoned utilizing a cement slurry.

9. FINDINGS

Concentrations of VOCs and TPH exceeding the associated Nevada RCs were reported in several of the soil samples and the groundwater sample associated with boring B-2 (see Tables 1 through 5). This boring is located on the southeast corner of the 7-acre parcel and directly downgradient from an abandoned gas station located across 6th Street to the southwest. Concentrations above the Nevada RC were found in soil samples collected at depths greater than 10 feet bgs which indicates the contamination may be associated with groundwater fluctuations. Groundwater was observed at 13.5 feet bgs in this boring.

10. CONCLUSIONS AND RECOMMENDATIONS

As part of the NBP, McGinley & Associates was contracted by the NDEP on behalf of the City of Wells to perform a Limited Phase II ESA on the subject property located on 6th Street and just west of the intersection of 6th Street and US Highway 93 in Wells, Nevada. The property consists of one parcel of land that is listed with Elko County, Nevada as Assessor's Parcel Number (APN) 002-770-005. The ESA activities were supervised and reviewed by a Nevada Certified Environmental Manager (CEM) as required by the State of Nevada NAC 459.

The field work conducted by MGA included a GPR survey to locate possible orphaned USTs, advancement of seven direct-push borings, collection of 15 soil samples from the borings, and collection of groundwater samples from each boring. All samples were delivered under Chain of Custody protocol to ESC Lab Sciences for analysis of VOCs, SVOCs, and TPH.

Upon conclusion of our Limited Phase II ESA, and based on analytical laboratory data for samples collected at the site, MGA is of the opinion that petroleum constituents found above their associated Nevada RC in boring B-2 is most likely due to offsite contamination from the former gas station located upgradient and across 6th Street to the southwest. In addition, it appears that possible orphaned tanks are located on the subject property and those tanks may still contain petroleum products. Therefore, MGA recommends that the tanks be removed in accordance with State of Nevada regulations.

11. LIMITATIONS

The conclusions presented herein are based on analytical data and observations. MGA makes no warranties or guarantees as to the accuracy or completeness of information provided or

compiled by others. The results reported herein are applicable to the time the sampling occurred. Changes in site conditions may occur as a result of illegal dumping practices, prevailing winds, rainfall, or other factors.

It should be recognized that definition and evaluation of environmental conditions is a difficult and inexact science. Judgments and opinions leading to conclusions and recommendations are generally made with an incomplete knowledge of the conditions present. More extensive studies, including additional environmental investigations, can tend to reduce the inherent uncertainties associated with such studies. Additional information not found or unavailable to MGA at the time of writing this report may result in a modification to the conclusions and recommendations contained herein.

This report is not a legal opinion. The services performed by MGA have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

The use of the word "certify" in this document constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification and does not constitute a warranty or guarantee, either expressed or implied.

12. CLOSING

Should you have any questions regarding this report please contact Brett Bottenberg at (702) 260-4961, ext.-7003.

Respectfully submitted,

McGinley and Associates, Inc.

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



Brett C. Bottenberg, C.E.M. #1690, Exp. 10/07/13
Senior Project Manager

Reviewed by:



Joseph M. McGinley, P.E., C.E.M. #1036, Exp. 11/12
Principal

13. REFERENCES

NDEP Draft Guidelines for Discovery Events, Issues relating to required notification under NAC 445A.345 to 445A.348 (Soil RCs). Nevada Division of Environmental Protection, February 2009.

Table 1: Summary of Soil VOC Results

Parameter	Units	LVBRN017-SS-01 5.0	LVBRN017-SS-01 9.0	LVBRN017-SS-02 5.0	LVBRN017-SS-02 10.0	LVBRN017-SS-02 13.5	LVBRN017-SS-03 5.0	LVBRN017-SS-03 10.0	LVBRN017-SS-04 5.0	LVBRN017-SS-04 10.0	LVBRN017-SS-05 5.0	LVBRN017-SS-05 9.0	LVBRN017-SS-08 5.0	LVBRN017-SS-08 12.0	LVBRN017-SS-09 5.0	LVBRN017-SS-09 8.0	NDEP RC	RSL
Acetone	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	61000
Acrylonitrile	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.24	0.24
Benzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	1.1
Bromobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	94	300
Bromodichloromethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	0.27
Bromoform	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	62
Bromomethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.2	7.3
n-Butylbenzene	mg/kg	ND	ND	ND	0.12	6.7	0.0016	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	3900
sec-Butylbenzene	mg/kg	ND	ND	ND	0.071	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
tert-Butylbenzene	mg/kg	ND	ND	ND	ND	0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Carbon tetrachloride	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.07	0.61
Chlorobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	290
Chlorodibromomethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Chloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
2-Chloroethyl vinyl ether	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Chloroform	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	0.29
Chloromethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	120
2-Chlorotoluene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1600	1600
4-Chlorotoluene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5500	1600
1,2-Dibromo-3-Chloropropane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0056	5400
1,2-Dibromoethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.034	0.034
Dibromomethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	780	25
1,2-Dichlorobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	1900
1,3-Dichlorobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
1,4-Dichlorobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	2.4
Dichlorodifluoromethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	190	94
1,1-Dichloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.4	3.3
1,2-Dichloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	0.43
1,1-Dichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	-
cis-1,2-Dichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	-
trans-1,2-Dichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	-
1,2-Dichloropropane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	700
1,1-Dichloropropene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
1,3-Dichloropropane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1600	1600
cis-1,3-Dichloropropene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	1.7
trans-1,3-Dichloropropene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	1.7
2,2-Dichloropropane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Di-isopropyl ether	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1200	2400
Ethylbenzene	mg/kg	ND	ND	ND	ND	32	0.0046	0.0016	ND	ND	ND	ND	ND	ND	ND	ND	5.7	5.4
Hexachloro-1,3-butadiene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	6.2
Isopropylbenzene	mg/kg	ND	ND	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
p-Isopropyltoluene	mg/kg	ND	ND	ND	0.035	2.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
2-Butanone (MEK)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	28000	-
Methylene Chloride	mg/kg	0.0081	0.0048	0.0078	ND	ND	0.0076	0.0076	0.0081	0.0081	0.0078	0.0082	0.0083	0.0083	0.0082	0.0078	0.02	56
4-Methyl-2-pentanone (MIBK)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5300	-
Methyl tert-butyl ether	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	43
Naphthalene	mg/kg	ND	ND	ND	0.061	11	0.0052	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9	3.6
n-Propylbenzene	mg/kg	ND	ND	ND	0.051	18	0.0031	0.0011	ND	ND	ND	ND	ND	ND	ND	ND	-	3400
Styrene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4	6300
1,1,1,2-Tetrachloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	1.9
1,1,2,2-Tetrachloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.003	0.56
1,1,2-Trichlorotrifluoroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	43000	-
Tetrachloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	22
Toluene	mg/kg	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	-
1,2,3-Trichlorobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	49
1,2,4-Trichlorobenzene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	22
1,1,1-Trichloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	8700
1,1,2-Trichloroethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.02	1.1
Trichloroethene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	0.91
Trichlorofluoromethane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	800	790
1,2,3-Trichloropropane	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.091	0.005
1,2,4-Trimethylbenzene	mg/kg	ND	ND	ND	0.2	100	0.0014	ND	ND	ND	ND	ND	ND	ND	ND	ND	67	62
1,2,3-Trimethylbenzene	mg/kg	ND	ND	ND	0.037	22	0.0028	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	53
1,3,5-Trimethylbenzene	mg/kg	ND	ND	ND	0.028	34	0.0051	0.0016	ND	ND	ND	ND	ND	ND	ND	ND	47	2200
Vinyl chloride	mg/kg	ND	ND	ND	ND	ND	<0.0050	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01	0.06
Xylenes, Total	mg/kg	ND	ND	ND	0.064	160	0.022	0.0073	0.0036	ND	ND	ND	ND	ND	ND	ND	210	630

Notes:
ND = Not Detected above laboratory reporting limits
mg/kg = parts per million
NDEP RC = State of Nevada Reportable Concentration
RSL= Regional Screening Level (Residential Soil)
Light Gray: Above Laboratory Reporting Limit
Yellow: Above Nevada RC

Table 2: Summary of Groundwater VOC Results

Parameter	Units	LVBRN017-GW-01	LVBRN017-GW-02	LVBRN017-GW-03	LVBRN017-GW-04	LVBRN017-GW-05	LVBRN017-GW-08	LVBRN017-GW-09	NDEP RC	RSL
Acetone	µg/l	7.1	ND	ND	ND	ND	ND	ND	-	-
Acrolein	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Acrylonitrile	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Benzene	µg/l	ND	12	ND	ND	ND	ND	ND	5	5
Bromobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Bromodichloromethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	80
Bromoform	µg/l	ND	ND	ND	ND	ND	ND	ND	-	80
Bromomethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
n-Butylbenzene	µg/l	ND	19	ND	ND	3.1	ND	ND	-	-
sec-Butylbenzene	µg/l	ND	10	ND	ND	1.2	ND	ND	-	-
tert-Butylbenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Carbon tetrachloride	µg/l	ND	ND	ND	ND	ND	ND	ND	5	5
Chlorobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	100	100
Chlorodibromomethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Chloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
2-Chloroethyl vinyl ether	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Chloroform	µg/l	ND	ND	ND	ND	ND	ND	ND	-	80
Chloromethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
2-Chlorotoluene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
4-Chlorotoluene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,2-Dibromo-3-Chloropropane	µg/l	ND	ND	ND	ND	ND	ND	ND	0.2	0.2
1,2-Dibromoethane	µg/l	ND	ND	ND	ND	ND	ND	ND	0.05	0.05
Dibromomethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,2-Dichlorobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	600	600
1,3-Dichlorobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,4-Dichlorobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	75	75
Dichlorodifluoromethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,1-Dichloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,2-Dichloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	5	5
1,1-Dichloroethene	µg/l	ND	ND	ND	ND	ND	ND	ND	7	7
cis-1,2-Dichloroethene	µg/l	ND	ND	ND	ND	ND	ND	ND	70	70
trans-1,2-Dichloroethene	µg/l	ND	ND	ND	ND	ND	ND	ND	100	100
1,2-Dichloropropane	µg/l	ND	ND	ND	ND	ND	ND	ND	5	5
1,1-Dichloropropene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,3-Dichloropropene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
cis-1,3-Dichloropropene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
trans-1,3-Dichloropropene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
2,2-Dichloropropane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Di-isopropyl ether	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Ethylbenzene	µg/l	ND	1100	ND	ND	10	ND	ND	700	700
Hexachloro-1,3-butadiene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Isopropylbenzene	µg/l	ND	69	ND	ND	2.6	ND	ND	-	-
p-Isopropyltoluene	µg/l	ND	19	ND	ND	2	ND	ND	-	-
2-Butanone (MEK)	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Methylene Chloride	µg/l	1.9	20	1.8	2.1	2.1	2.1	2	5	5
4-Methyl-2-pentanone (MIBK)	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Methyl tert-butyl ether	µg/l	ND	ND	ND	ND	3	3.5	ND	20	-
Naphthalene	µg/l	ND	250	0.64	ND	7.4	ND	ND	-	-
n-Propylbenzene	µg/l	ND	180	ND	ND	11	ND	ND	-	-
Styrene	µg/l	ND	ND	ND	ND	ND	ND	ND	100	100
1,1,1,2-Tetrachloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,1,2,2-Tetrachloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,1,2-Trichlorotrifluoroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Tetrachloroethene	µg/l	ND	ND	ND	ND	ND	ND	ND	5	5
Toluene	µg/l	ND	220	ND	ND	0.79	ND	ND	1000	1000
1,2,3-Trichlorobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,2,4-Trichlorobenzene	µg/l	ND	ND	ND	ND	ND	ND	ND	70	70
1,1,1-Trichloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	200	200
1,1,2-Trichloroethane	µg/l	ND	ND	ND	ND	ND	ND	ND	5	5
Trichloroethene	µg/l	ND	ND	ND	ND	ND	ND	ND	5	5
Trichlorofluoromethane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,2,3-Trichloropropane	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
1,2,4-Trimethylbenzene	µg/l	ND	1400	0.68	ND	71	0.57	ND	-	-
1,2,3-Trimethylbenzene	µg/l	ND	340	ND	ND	14	ND	ND	-	-
1,3,5-Trimethylbenzene	µg/l	ND	310	ND	ND	21	ND	ND	-	-
Vinyl chloride	µg/l	ND	ND	ND	ND	ND	ND	ND	2	2
Xylenes, Total	µg/l	ND	4700	ND	1.6	48	ND	ND	10000	10000

Notes:

ND: Not Detected above laboratory reporting limits

µg/L = parts per billion

NDEP RC = State of Nevada Reportable Concentration

RSL = EPA Regional Screening Level (MCL)

Light Gray: Above Laboratory Reporting Limit

Yellow: Above Nevada RC

Table 3: Summary of Soil SVOC Results

Parameter	Units	LVBRN017-SS-01 5.0	LVBRN017-SS-01 9.0	LVBRN017-SS-02 5.0	LVBRN017-SS-02 10.0	LVBRN017-SS-02 13.5	LVBRN017-SS-03 5.0	LVBRN017-SS-03 10.0	LVBRN017-SS-04 5.0	NDEP RC	RSL
Anthracene	mg/kg	ND	ND	ND	0.0034	0.0051	ND	ND	ND	12000	17000
Acenaphthene	mg/kg	ND	ND	ND	0.0078	0.0099	ND	ND	ND	570	3400
Acenaphthylene	mg/kg	ND	ND	ND	0.0028	0.0029	ND	ND	ND	-	-
Benzo(a)anthracene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.15	0.15
Benzo(a)pyrene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.015	0.015
Benzo(b)fluoranthene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.15	0.15
Benzo(g,h,i)perylene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Benzo(k)fluoranthene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	-	-
Chrysene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1.5	15
Dibenz(a,h)anthracene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.015	0.015
Fluoranthene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	2300	2300
Fluorene	mg/kg	ND	ND	ND	0.0098	0.013	ND	ND	ND	560	2300
Indeno(1,2,3-cd)pyrene	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	0.15	0.15
Naphthalene	mg/kg	ND	ND	ND	0.064	0.54	ND	ND	ND	3.9	3.6
Phenanthrene	mg/kg	ND	ND	ND	0.016	0.02	ND	ND	ND	-	-
Pyrene	mg/kg	ND	ND	ND	0.0015	0.0018	ND	ND	ND	1700	1700
1-Methylnaphthalene	mg/kg	ND	ND	ND	0.37	0.6	ND	ND	ND	22	16
2-Methylnaphthalene	mg/kg	ND	ND	ND	0.78	1.2	ND	ND	ND	310	230
2-Chloronaphthalene	mg/kg	ND	ND	ND	ND	0.0018	ND	ND	ND	-	6300

Parameter	Units	LVBRN017-SS-04 10.0	LVBRN017-SS-05 5.0	LVBRN017-SS-05 9.0	LVBRN017-SS-08 5.0	LVBRN017-SS-08 12.0	LVBRN017-SS-09 5.0	LVBRN017-SS-09 8.0	NDEP RC	RSL
Anthracene	mg/kg	ND	ND	ND	ND	ND	ND	ND	12000	17000
Acenaphthene	mg/kg	ND	ND	ND	ND	ND	ND	ND	570	3400
Acenaphthylene	mg/kg	ND	ND	ND	ND	ND	ND	ND	-	-
Benzo(a)anthracene	mg/kg	ND	0.0072	ND	ND	ND	ND	ND	0.15	0.15
Benzo(a)pyrene	mg/kg	ND	0.0099	ND	ND	ND	ND	ND	0.015	0.015
Benzo(b)fluoranthene	mg/kg	ND	0.01	ND	ND	ND	ND	ND	0.15	0.15
Benzo(g,h,i)perylene	mg/kg	ND	0.0075	ND	ND	ND	ND	ND	-	-
Benzo(k)fluoranthene	mg/kg	ND	0.0046	ND	ND	ND	ND	ND	-	-
Chrysene	mg/kg	ND	0.0094	ND	ND	ND	ND	ND	1.5	15
Dibenz(a,h)anthracene	mg/kg	ND	0.0014	ND	ND	ND	ND	ND	0.015	0.015
Fluoranthene	mg/kg	ND	0.012	ND	ND	ND	ND	ND	2300	2300
Fluorene	mg/kg	ND	ND	ND	ND	ND	ND	ND	560	2300
Indeno(1,2,3-cd)pyrene	mg/kg	ND	0.006	ND	ND	ND	ND	ND	0.15	0.15
Naphthalene	mg/kg	ND	ND	ND	ND	ND	ND	ND	3.9	3.6
Phenanthrene	mg/kg	ND	0.0033	ND	ND	ND	ND	ND	-	-
Pyrene	mg/kg	ND	0.012	ND	ND	ND	ND	ND	1700	1700
1-Methylnaphthalene	mg/kg	ND	ND	ND	ND	ND	ND	ND	22	16
2-Methylnaphthalene	mg/kg	ND	ND	ND	ND	ND	ND	ND	310	230
2-Chloronaphthalene	mg/kg	ND	ND	ND	ND	ND	ND	ND	-	6300

Notes:

ND = Not Detected above laboratory reporting limits
mg/kg = parts per million

NDEP RC = State of Nevada Reportable Concentration

RSL = EPA Regional Screening Level (Residential Soil)

Light Gray: Above Laboratory Reporting Limit

Yellow: Above Nevada RC

Table 4: Summary of Groundwater SVOC Results

Parameter	Units	LVBRN017-GW-01	LVBRN017-GW-02	LVBRN017-GW-03	LVBRN017-GW-04	LVBRN017-GW-05	LVBRN017-GW-08	LVBRN017-GW-09	NDEP RC	RSL
Anthracene	µg/l	ND	0.033	ND	ND	ND	ND	ND	-	-
Acenaphthene	µg/l	ND	0.55	ND	ND	0.021	ND	ND	-	-
Acenaphthylene	µg/l	ND	0.16	ND	ND	0.0068	ND	ND	-	-
Benzo(a)anthracene	µg/l	0.013	0.013	ND	ND	ND	ND	ND	-	-
Benzo(a)pyrene	µg/l	ND	ND	ND	ND	ND	ND	ND	0.2	0.2
Benzo(b)fluoranthene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Benzo(g,h,i)perylene	µg/l	0.013	ND	ND	ND	ND	ND	ND	-	-
Benzo(k)fluoranthene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Chrysene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Dibenz(a,h)anthracene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Fluoranthene	µg/l	ND	0.048	ND	ND	ND	ND	ND	-	-
Fluorene	µg/l	ND	0.76	ND	0.01	0.028	0.12	ND	-	-
Indeno(1,2,3-cd)pyrene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-
Naphthalene	µg/l	0.34	710	0.11	0.15	0.65	0.36	0.12	-	-
Phenanthrene	µg/l	0.016	0.78	0.018	0.022	0.059	ND	ND	-	-
Pyrene	µg/l	0.013	0.056	ND	ND	0.012	ND	ND	-	-
1-Methylnaphthalene	µg/l	0.22	340	0.12	0.4	1.4	0.059	0.11	-	-
2-Methylnaphthalene	µg/l	0.46	540	0.23	0.46	2.3	0.086	0.16	-	-
2-Chloronaphthalene	µg/l	ND	ND	ND	ND	ND	ND	ND	-	-

Notes:

ND = Not Detected above laboratory reporting limits

µg/L = parts per billion

NDEP RC = State of Nevada Reportable Concentration

RSL = EPA Regional Screening Level (MCL)

Light Gray: Above Laboratory Reporting Limit

Yellow: Above Nevada RC

Table 5: Summary of Soil TPH Results

	Parameter	
	TPH (GC/FID) Low Fraction	TPH (GC/FID) High Fraction
	mg/kg	mg/kg
Sample ID	Value	Value
LVBRN017-SS-01 5.0	ND	ND
LVBRN017-SS-01 9.0	ND	ND
LVBRN017-SS-02 5.0	ND	ND
LVBRN017-SS-02 10.0	39	170
LVBRN017-SS-02 13.5	770	360
LVBRN017-SS-03 5.0	ND	2.9
LVBRN017-SS-03 10.0	ND	ND
LVBRN017-SS-04 5.0	ND	ND
LVBRN017-SS-04 10.0	ND	1.2
LVBRN017-SS-05 5.0	ND	3.1
LVBRN017-SS-05 9.0	ND	ND
LVBRN017-SS-08 5.0	ND	ND
LVBRN017-SS-08 12.0	ND	ND
LVBRN017-SS-09 5.0	ND	ND
LVBRN017-SS-09 8.0	ND	ND
NDEP RC	100	100

Notes:

ND = Not Detected above laboratory reporting limits

mg/kg = parts per million

NDEP RC = State of Nevada Reportable Concentration

Light Gray: Above Laboratory Reporting Limit

Yellow: Above Nevada RC

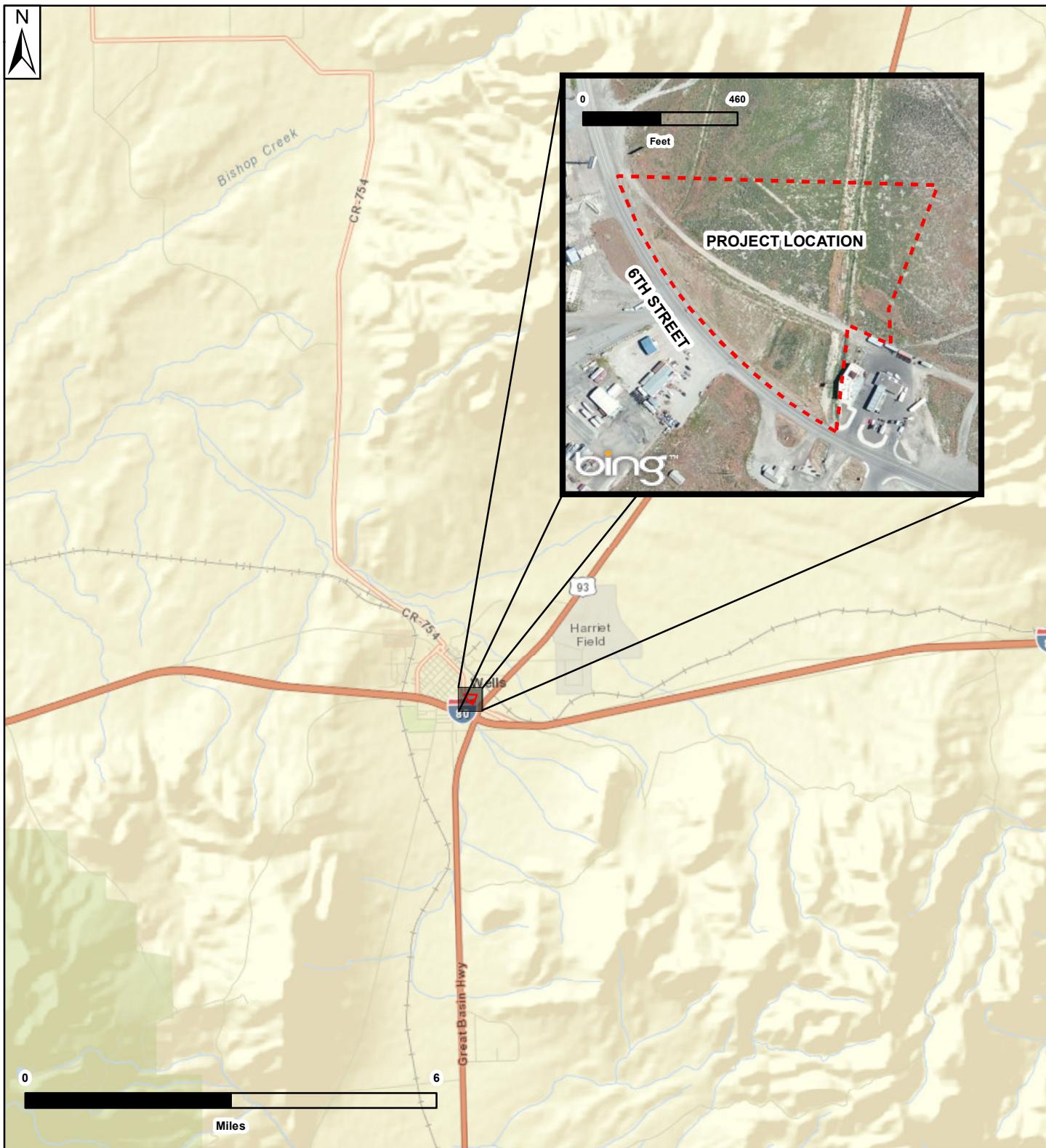


FIGURE 1

TITLE:

**PROJECT LOCATION MAP
-SHOWING-
7-ACRE PARCEL
APN: 002-770-005**

JOB NO.:
LVBRN017

DATE:
5/8/2013



FILE:
130124_LVBRN017_figure1_msp_85x11_portrait

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N US Feet

REF.	DESIGNED	MSP	CHECKED	MSP	REVISION:
	DRAWN	MSP	APPROVED	BB	

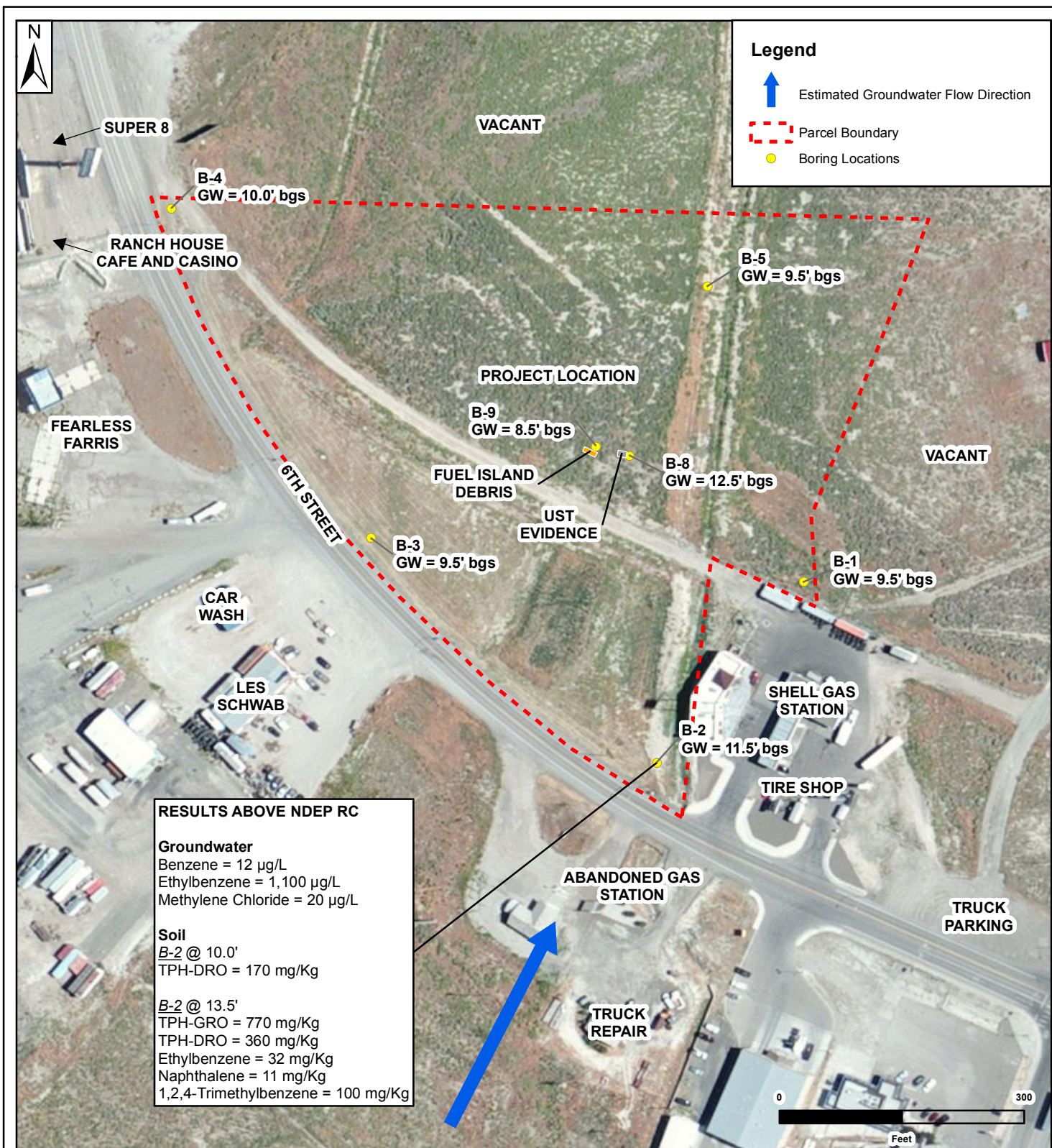


FIGURE 2

TITLE:

**SITE MAP
-SHOWING-
BORING LOCATIONS AND
SAMPLING RESULTS ABOVE NDEP RC
7-ACRE PARCEL
WELLS, NEVADA**

JOB NO.:
LVBRN017

DATE:
6/13/2013



McGinley & Associates
Environmental Engineering and Science

FILE:
130124_LVBRN017_figure2a_msp_85x11_portrait

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N US Feet

DESIGNED	MSP	CHECKED	MSP	REVISION:
DRAWN	MSP	APPROVED	BB	-

APPENDIX A

Boring Logs

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-1

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty SAND (SM)</i> Dark brown, moist. 60% Sand. Poorly graded fine grained. Sub-rounded. 40% silt. Little to no plasticity.		
2			<i>Silty CLAY (CL)</i> Light yellow brown, dry. 100% Fines. Silty clay with medium plasticity. Stiff. No Hydrocarbon (HC) odor.		
3					
4					
5				--	
6					
7					
8					
9				--	
10			<i>Well Graded SAND (SW)</i> Brown and reddish brown, moist. 100% Sand. Well graded. Fine to coarse grained. Sub-angular and sub-rounded.		
11			<i>Silty SAND (SM)</i> Yellowish brown, wet. 70% Sand. Poorly graded. Fine grained. 30% silt. No plasticity. Medium dense. No HC odor.		
12			<i>Silty CLAY (CL)</i> Olive yellowish brown, wet. 100% fines. Silty clay with medium plasticity. Medium stiff. No HC odor.		
13					
14					
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-2

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty SAND (SM)</i> Yellowish white, dry. 51% Sand. Poorly graded fine grained. Sub-rounded. 49% silt. Little to no plasticity.		
2			<i>Silty CLAY (CL)</i> Brown, damp. 100% Fines. Silty clay with medium plasticity. Medium stiff. No Hydrocarbon (HC) odor.		
3					
4					
5				--	
6					
7					
8					
9					
10					
11			<i>Silty Sand (SM)</i> Light brown, damp. 60% Sand. Poorly graded fine grained. Sub-rounded. 40% silt. No plasticity. Medium dense. No HC odor.	--	
12			Becomes dark gray, wet @ 11.5 ft. Strong HC odor.	--	
13				--	
14					
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-3

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty SAND (SM)</i> Light brown, dry. 70% Sand. Poorly graded fine grained. Sub-rounded. 30% silt. Little to no plasticity. Trace organic litter.		
2			<i>Silty CLAY (CL)</i> Yellowish brown, damp. 100% Fines. Silty clay with medium plasticity. Stiff. No Hydrocarbon (HC) odor.		
3					
4					
5			Increasing fine sand.	--	
6					
7					
8					
9			<i>Silty/Clayey SAND (SC)</i> Light grayish brown, wet. 60% sand. Poorly graded fine grained. Sub-angular and sub-rounded. 40% silty clay. Slight plasticity. Medium dense. No HC odor.		
10			<i>Sandy CLAY (CL)</i> Light brown, moist. 30% Sand. Poorly graded fine grained. 70% Clay. Medium plasticity. Medium stiff. No HC odor.	--	
11					
12					
13			<i>Well Graded SAND (SW)</i> Brown and reddish brown, wet. 100% Sand. Well graded fine to coarse grained. Sub-angular and sub-rounded. Medium dense. No HC odor.		
14			<i>Clayey SAND (SC)</i> Yellowish olive brown, moist to wet. 60% Sand. Poorly graded fine and medium grained. Sub-angular. 40% silty clay. Slight plasticity. No HC odor.		
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-4

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty SAND (SM)</i> Light brown, dry. 70% Sand. Poorly graded fine grained. Sub-rounded. 30% silt. Little to no plasticity. Trace organic litter.		
2			<i>Silty CLAY (CL)</i> Brown, dry to damp. 100% silty clay. Slight plasticity. Stiff. No hydrocarbon (HC) odor.		
3					
4					
5			<i>SILT w/Sand (ML)</i> Yellowish white, dry. 10% Sand. Fine grained. Sub-angular. 90% Silt. Slight plasticity. Stiff. No HC odor.	--	
6					
7			<i>Poorly Graded SAND (SP)</i> Brown, dry. 100% Sand. Poorly graded fine and medium grained. Sub-angular and sub-rounded. Medium dense. No HC odor.		
8			<i>Clay (CL)</i> Yellowish brown, damp. 100% Clay. Medium plasticity. Stiff. No HC odor.		
9			Becomes moist.		
10			Becomes wet, soft.	--	
11					
12			<i>Well Graded SAND (SW)</i> Brown and reddish brown, wet. 100% Sand. Well graded fine to coarse grained. Sub-angular and sub-rounded. Medium dense. No HC odor.		
13					
14					
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-5

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty CLAY (CL)</i> Light yellowish brown, dry. 100% Fines. Silty clay with medium to high plasticity. Medium stiff. No Hydrocarbon (HC) odor.		
2					
3					
4					
5				--	
6					
7					
8			<i>Silty SAND (SM)</i> Light yellowish brown, dry. 60% Sand. Fine grained. Sub-angular and sub-rounded. 40% silt. Slight plasticity. Medium dense. No HC odor.		
9				--	
10			<i>Gravelly SAND(SP)</i> Brown and reddish brown, wet. 30% Gravel. Fine w/trace medium. Sub-angular and sub-rounded. 70% Sand. Poorly graded medium and coarse grained. Sub-angular and sub-rounded. No HC odor.		▼
11					
12			<i>Sandy CLAY (CL)</i> Light yellowish olive brown, wet. 30% Sand. Fine grained. Sub-angular and sub-rounded. 70% Clay. Medium plasticity. Medium stiff. No HC odor.		
13					
14					
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-8

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty SAND (SM)</i> Brown, damp. 70% Sand. Poorly graded fine and medium grained sand. Sub-angular and sub-rounded. 30% silt. No plasticity. Loose. No Hydrocarbon (HC) odor.		
2			<i>Silty CLAY (CL)</i> Brown, damp. 100% fines. Silty clay with slight plasticity. Medium stiff. No HC odor.		
3					
4					
5				--	
6					
7					
8			Becomes light olive gray w/trace sand.		
9			Slight HC odor.		
10					
11					
12				--	
13					
14					
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

Project #: LVBRN017

Project: 7-Acre Parcel

Client: City of Wells

Site Location: Wells, NV

Log: B-9

Supervisor: J. Fike

Reviewed by: B. Bottenberg



SAMPLES/LITHOLOGIC/MEASUREMENTS

Depth (fbgs)	Sample Interval	Lithologic Symbol	Lithologic Description	PID (ppm)	Water Levels
0			Ground Surface		
1			<i>Silty SAND (SM)</i> Brown, damp. 70% Sand. Poorly graded fine and medium grained sand. Sub-angular and sub-rounded. 30% silt. No plasticity. Loose. No Hydrocarbon (HC) odor.		
2			<i>Silty CLAY (CL)</i> Brown, damp. 100% fines. Silty clay with slight plasticity. Medium stiff. No HC odor.		
3					
4					
5				--	
6					
7					
8			<i>Poorly Graded SAND (SP)</i> Brown and reddish brown, damp to wet. 5% Gravel. Fine. Sub-angular and sub-rounded. 95% Sand. Poorly graded medium and coarse grained. Sub-angular and sub-rounded. Slight HC odor from GW.	--	
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

Driller: Earth Probe Environmental Field Services

Method: Direct Push (GeoProbe 6620DT)

Date: 3-13-13

Hole Diameter: 2 3/4 in.

Note: Boring backfilled with bentonite chips.

APPENDIX B (CD-ROM only)

**Chain-of-Custody Records and Laboratory Reports for
Samples**

Company Name/Address MCGINLEY AND ASSOCIATES 6280 S. Valley View Blvd, Suite 604 LAS VEGAS, NV 89118				Alternate Billing MCGINLVNV-RENO Report to: E-mail to: <i>hth@mcginley.com</i>				Analysis/Container/Preservative V8260/ GRO/ 4oz jar/ No Pres SV8270PAHSIM/ DRO/ 4oz jar/ No Pres								Chain of Custody Page <u>2</u> of <u>2</u> Prepared by: ENVIRONMENTAL SCIENCE CORP 12065 Lebanon Road Mt. Juliet TN 37122 Phone (615)758-5858 Phone (800) 767-5859 FAX (615)758-5859			
Project Description: <i>7-ACRE</i>						City/State Collected: <i>WELLS, NV</i>													
PHONE: 702-260-4698		Client Project No. LVBRN017		Lab Project #															
FAX:		Site/Facility ID#		P.O.#															
Collected by: <i>LF</i>		Collected by(signature): <i>77</i>		☒ Rush? (Lab MUST be Notified) _____ Next Day.....100% _____ Two Day.....50% _____ Three Day.....25%		Date Results Needed Email? ☐ No ☒ Yes FAX? ☐ No ☐ Yes		No											
Packed on Ice N ☐ Y ☒								of											
Sample ID		Comp/Grab	Matrix	Depth	Date	Time	Cntrs												
<i>LVBRN017-SS-05-5.0</i>			<i>SS</i>		<i>3-13-13</i>	<i>1415</i>	<i>2</i>	<i>X</i>	<i>X</i>										
<i>LVBRN017-SS-05-9.0</i>						<i>1430</i>		<i>X</i>	<i>X</i>										
<i>LVBRN017-SS-08-5.0</i>						<i>1515</i>		<i>X</i>	<i>X</i>										
<i>LVBRN017-SS-08-12.0</i>						<i>1530</i>		<i>X</i>	<i>X</i>										
<i>LVBRN017-SS-09-5.0</i>						<i>1540</i>		<i>X</i>	<i>X</i>										
<i>LVBRN017-SS-09-8.0</i>						<i>1545</i>		<i>X</i>	<i>X</i>										

Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other_____

pH_____ Temp_____

Remarks:

Flow_____ Other_____

Relinquished by: (Signature) <i>[Signature]</i>		Date: <i>3-18-13</i>	Time: <i>1200</i>	Received by: (Signature) <i>[Signature]</i>		Samples returned via: FedEx__ UPS__ Other__			Condition (lab use only)		
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp:		Bottles Received:			
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date:		Time:			
										pH Checked: NCF:	

Company Name/Address MCGINLEY AND ASSOCIATES 6280 S. Valley View Blvd, Suite 604 LAS VEGAS, NV 89118				Alternate Billing MCGINLVNV-RENO Report to: <u>Brett Bottenberg</u> E-mail to: <u>bbottenberg@mcgin.com</u>				Analysis/Container/Preservative V8260/ 40mL amber vial/ HCl PAHSIMLV/ 40mL amber vial/ No Pres								Chain of Custody Page <u>1</u> of <u>1</u> Prepared by: ENVIRONMENTAL SCIENCE CORP 12065 Lebanon Road Mt. Juliet TN 37122 Phone (615)758-5858 Phone (800) 767-5859 FAX (615)758-5859			
Project Description: <u>7-ACRE</u>				City/State Collected: <u>WELLS, NV</u>															
PHONE: 702-260-4698 FAX:		Client Project No. LVBRN017		Lab Project #															
Collected by: <u>JF</u>		Site/Facility ID#		P.O.#															
Collected by (signature): <u>JF</u>		☒ Rush? (Lab MUST be Notified) _____ Next Day.....100% _____ Two Day.....50% _____ Three Day.....25%		Date Results Needed Email? ☐ No ☒ Yes FAX? ☐ No ☐ Yes		No of Cntrs													
Packed on Ice N <u>Y</u> ☒																			
Sample ID	Comp/Grab	Matrix	Depth	Date	Time														
LVBRN017-GW-01		GW		3-13-13	1340	6	X	X											
LVBRN017-GW-02					1310		X	X											
LVBRN017-GW-03					1230		X	X											
LVBRN017-GW-04					1145		X	X											
LVBRN017-GW-05					1440		X	X											
LVBRN017-GW-08				3-14-13	0816		X	X											
LVBRN017-GW-09				3-13-13	1550		X	X											

* Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other _____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature) 	Date: <u>3-18-13</u>	Time: <u>1200</u>	Received by: (Signature) 	Samples returned via: FedEx ___ UPS ___ Other ___	Condition (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp:	Bottles Received:
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				pH Checked:	NCF:



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Est. 1970

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

Report Summary

Wednesday March 27, 2013

Report Number: L625790

Samples Received: 03/19/13

Client Project: LVBRN017

Description: 7-Acre

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-1N-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/B10041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-01

Sample ID : LVBRN017-SS-01 5.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 13:25

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/23/13	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	89.3			% Rec.		602/801	03/23/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

Note:

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-01 5.0
Collected By : JF
Collection Date : 03/13/13 13:25

ESC Sample # : L625790-01

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0081	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	96.1			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	104.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/21/13	1
Surrogate recovery(%)								
o-Terphenyl	92.7			% Rec.		3546/DR	03/21/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/22/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/22/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/22/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/22/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/22/13	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

Note:

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-01 5.0
Collected By : JF
Collection Date : 03/13/13 13:25

ESC Sample # : L625790-01

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/22/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/22/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/22/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/22/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/22/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/22/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/22/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/22/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/22/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/22/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/22/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/22/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/22/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/22/13	1
Surrogate Recovery								
Nitrobenzene-d5	85.5			% Rec.		8270C-S	03/22/13	1
2-Fluorobiphenyl	85.7			% Rec.		8270C-S	03/22/13	1
p-Terphenyl-d14	100.			% Rec.		8270C-S	03/22/13	1

U = ND (Not Detected)

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Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-02

Sample ID : LVBRN017-SS-01 9.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 13:30

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/23/13	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	89.3			% Rec.		602/801	03/23/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/21/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/21/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/21/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/21/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/21/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/21/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/21/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/21/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/21/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/21/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/21/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/21/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/21/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/21/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/21/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/21/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/21/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/21/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/21/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/21/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/21/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/21/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/21/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/21/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/21/13	5

U = ND (Not Detected)

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-01 9.0
Collected By : JF
Collection Date : 03/13/13 13:30

ESC Sample # : L625790-02

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/21/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg		8260B	03/21/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/21/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/21/13	5
Methylene Chloride	0.0048	0.0027	0.025	mg/kg	J	8260B	03/21/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/21/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/21/13	5
Naphthalene	U	0.0022	0.025	mg/kg		8260B	03/21/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/21/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/21/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/21/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/21/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/21/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg		8260B	03/21/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/21/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/21/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/21/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/21/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/21/13	5
Surrogate Recovery								
Toluene-d8	98.0			% Rec.		8260B	03/21/13	5
Dibromofluoromethane	96.6			% Rec.		8260B	03/21/13	5
4-Bromofluorobenzene	104.			% Rec.		8260B	03/21/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/21/13	1
Surrogate recovery(%)								
o-Terphenyl	100.			% Rec.		3546/DR	03/21/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-01 9.0
Collected By : JF
Collection Date : 03/13/13 13:30

ESC Sample # : L625790-02

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	63.4			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	69.0			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	46.2			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

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6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-03

Sample ID : LVBRN017-SS-02 5.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 12:50

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

U = ND (Not Detected)

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 5.0
Collected By : JF
Collection Date : 03/13/13 12:50

ESC Sample # : L625790-03

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0078	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	95.9			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	103.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/26/13	1
Surrogate recovery(%)								
o-Terphenyl	62.0			% Rec.		3546/DR	03/26/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 5.0
Collected By : JF
Collection Date : 03/13/13 12:50

ESC Sample # : L625790-03

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	51.6			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	56.1			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	47.0			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 10.0
Collected By : JF
Collection Date : 03/13/13 12:55

ESC Sample # : L625790-04

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	39.	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	106.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.29	2.5	mg/kg		8260B	03/20/13	50
Acrylonitrile	U	0.090	0.50	mg/kg		8260B	03/20/13	50
Benzene	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Bromobenzene	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Bromodichloromethane	U	0.013	0.050	mg/kg		8260B	03/20/13	50
Bromoform	U	0.021	0.050	mg/kg		8260B	03/20/13	50
Bromomethane	U	0.067	0.25	mg/kg		8260B	03/20/13	50
n-Butylbenzene	0.12	0.013	0.050	mg/kg		8260B	03/20/13	50
sec-Butylbenzene	0.071	0.010	0.050	mg/kg		8260B	03/20/13	50
tert-Butylbenzene	U	0.010	0.050	mg/kg		8260B	03/20/13	50
Carbon tetrachloride	U	0.016	0.050	mg/kg		8260B	03/20/13	50
Chlorobenzene	U	0.011	0.050	mg/kg		8260B	03/20/13	50
Chlorodibromomethane	U	0.019	0.050	mg/kg		8260B	03/20/13	50
Chloroethane	U	0.047	0.25	mg/kg		8260B	03/20/13	50
2-Chloroethyl vinyl ether	U	0.12	2.5	mg/kg		8260B	03/20/13	50
Chloroform	U	0.011	0.25	mg/kg		8260B	03/20/13	50
Chloromethane	U	0.019	0.13	mg/kg		8260B	03/20/13	50
2-Chlorotoluene	U	0.015	0.050	mg/kg		8260B	03/20/13	50
4-Chlorotoluene	U	0.012	0.050	mg/kg		8260B	03/20/13	50
1,2-Dibromo-3-Chloropropane	U	0.052	0.25	mg/kg		8260B	03/20/13	50
1,2-Dibromoethane	U	0.017	0.050	mg/kg		8260B	03/20/13	50
Dibromomethane	U	0.019	0.050	mg/kg		8260B	03/20/13	50
1,2-Dichlorobenzene	U	0.015	0.050	mg/kg		8260B	03/20/13	50
1,3-Dichlorobenzene	U	0.012	0.050	mg/kg		8260B	03/20/13	50
1,4-Dichlorobenzene	U	0.011	0.050	mg/kg		8260B	03/20/13	50
Dichlorodifluoromethane	U	0.036	0.25	mg/kg		8260B	03/20/13	50
1,1-Dichloroethane	U	0.010	0.050	mg/kg		8260B	03/20/13	50
1,2-Dichloroethane	U	0.013	0.050	mg/kg		8260B	03/20/13	50
1,1-Dichloroethene	U	0.015	0.050	mg/kg		8260B	03/20/13	50
cis-1,2-Dichloroethene	U	0.012	0.050	mg/kg		8260B	03/20/13	50
trans-1,2-Dichloroethene	U	0.013	0.050	mg/kg		8260B	03/20/13	50
1,2-Dichloropropane	U	0.018	0.050	mg/kg		8260B	03/20/13	50
1,1-Dichloropropene	U	0.016	0.050	mg/kg		8260B	03/20/13	50
1,3-Dichloropropane	U	0.010	0.050	mg/kg		8260B	03/20/13	50
cis-1,3-Dichloropropene	U	0.013	0.050	mg/kg		8260B	03/20/13	50
trans-1,3-Dichloropropene	U	0.013	0.050	mg/kg		8260B	03/20/13	50
2,2-Dichloropropane	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Di-isopropyl ether	U	0.012	0.050	mg/kg		8260B	03/20/13	50

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 10.0
Collected By : JF
Collection Date : 03/13/13 12:55

ESC Sample # : L625790-04

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.015	0.050	mg/kg		8260B	03/20/13	50
Hexachloro-1,3-butadiene	U	0.017	0.050	mg/kg	J3	8260B	03/20/13	50
Isopropylbenzene	U	0.012	0.050	mg/kg		8260B	03/20/13	50
p-Isopropyltoluene	0.035	0.010	0.050	mg/kg	J	8260B	03/20/13	50
2-Butanone (MEK)	U	0.23	0.50	mg/kg		8260B	03/20/13	50
Methylene Chloride	U	0.027	0.25	mg/kg		8260B	03/20/13	50
4-Methyl-2-pentanone (MIBK)	U	0.094	0.50	mg/kg		8260B	03/20/13	50
Methyl tert-butyl ether	U	0.011	0.050	mg/kg		8260B	03/20/13	50
Naphthalene	0.061	0.022	0.25	mg/kg	JJ3	8260B	03/20/13	50
n-Propylbenzene	0.051	0.010	0.050	mg/kg		8260B	03/20/13	50
Styrene	U	0.012	0.050	mg/kg		8260B	03/20/13	50
1,1,1,2-Tetrachloroethane	U	0.013	0.050	mg/kg		8260B	03/20/13	50
1,1,2,2-Tetrachloroethane	U	0.018	0.050	mg/kg		8260B	03/20/13	50
1,1,2-Trichlorotrifluoroethane	U	0.018	0.050	mg/kg		8260B	03/20/13	50
Tetrachloroethene	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Toluene	U	0.022	0.25	mg/kg		8260B	03/20/13	50
1,2,3-Trichlorobenzene	U	0.015	0.050	mg/kg	J3	8260B	03/20/13	50
1,2,4-Trichlorobenzene	U	0.019	0.050	mg/kg	J3	8260B	03/20/13	50
1,1,1-Trichloroethane	U	0.014	0.050	mg/kg		8260B	03/20/13	50
1,1,2-Trichloroethane	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Trichloroethene	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Trichlorofluoromethane	U	0.019	0.25	mg/kg		8260B	03/20/13	50
1,2,3-Trichloropropane	U	0.037	0.13	mg/kg		8260B	03/20/13	50
1,2,4-Trimethylbenzene	0.20	0.010	0.050	mg/kg		8260B	03/20/13	50
1,2,3-Trimethylbenzene	0.037	0.014	0.050	mg/kg	J	8260B	03/20/13	50
1,3,5-Trimethylbenzene	0.028	0.013	0.050	mg/kg	J	8260B	03/20/13	50
Vinyl chloride	U	0.014	0.050	mg/kg		8260B	03/20/13	50
Xylenes, Total	0.064	0.035	0.15	mg/kg	J	8260B	03/20/13	50
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	03/20/13	50
Dibromofluoromethane	94.6			% Rec.		8260B	03/20/13	50
4-Bromofluorobenzene	106.			% Rec.		8260B	03/20/13	50
TPH (GC/FID) High Fraction	170	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	126.			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.0034	0.00076	0.0060	mg/kg	J	8270C-S	03/25/13	1
Acenaphthene	0.0078	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	0.0028	0.00057	0.0060	mg/kg	J	8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 10.0
Collected By : JF
Collection Date : 03/13/13 12:55

ESC Sample # : L625790-04

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	0.0098	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	0.064	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	0.016	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	0.0015	0.00059	0.0060	mg/kg	J	8270C-S	03/25/13	1
1-Methylnaphthalene	0.37	0.016	0.12	mg/kg		8270C-S	03/25/13	20
2-Methylnaphthalene	0.78	0.012	0.12	mg/kg		8270C-S	03/25/13	20
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	64.4			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	51.7			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	32.0			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

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6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 13.5
Collected By : JF
Collection Date : 03/13/13 13:00

ESC Sample # : L625790-05

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	770	22.	100	mg/kg		8015D/G	03/22/13	1000
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/801	03/22/13	1000
Volatile Organics								
Acetone	U	2.9	25.	mg/kg		8260B	03/20/13	500
Acrylonitrile	U	0.90	5.0	mg/kg		8260B	03/20/13	500
Benzene	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Bromobenzene	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Bromodichloromethane	U	0.13	0.50	mg/kg		8260B	03/20/13	500
Bromoform	U	0.21	0.50	mg/kg		8260B	03/20/13	500
Bromomethane	U	0.67	2.5	mg/kg		8260B	03/20/13	500
n-Butylbenzene	6.7	0.13	0.50	mg/kg		8260B	03/20/13	500
sec-Butylbenzene	3.5	0.10	0.50	mg/kg		8260B	03/20/13	500
tert-Butylbenzene	0.13	0.10	0.50	mg/kg	J	8260B	03/20/13	500
Carbon tetrachloride	U	0.16	0.50	mg/kg		8260B	03/20/13	500
Chlorobenzene	U	0.11	0.50	mg/kg		8260B	03/20/13	500
Chlorodibromomethane	U	0.19	0.50	mg/kg		8260B	03/20/13	500
Chloroethane	U	0.47	2.5	mg/kg		8260B	03/20/13	500
2-Chloroethyl vinyl ether	U	1.2	25.	mg/kg		8260B	03/20/13	500
Chloroform	U	0.11	2.5	mg/kg		8260B	03/20/13	500
Chloromethane	U	0.19	1.3	mg/kg		8260B	03/20/13	500
2-Chlorotoluene	U	0.15	0.50	mg/kg		8260B	03/20/13	500
4-Chlorotoluene	U	0.12	0.50	mg/kg		8260B	03/20/13	500
1,2-Dibromo-3-Chloropropane	U	0.52	2.5	mg/kg		8260B	03/20/13	500
1,2-Dibromoethane	U	0.17	0.50	mg/kg		8260B	03/20/13	500
Dibromomethane	U	0.19	0.50	mg/kg		8260B	03/20/13	500
1,2-Dichlorobenzene	U	0.15	0.50	mg/kg		8260B	03/20/13	500
1,3-Dichlorobenzene	U	0.12	0.50	mg/kg		8260B	03/20/13	500
1,4-Dichlorobenzene	U	0.11	0.50	mg/kg		8260B	03/20/13	500
Dichlorodifluoromethane	U	0.36	2.5	mg/kg		8260B	03/20/13	500
1,1-Dichloroethane	U	0.10	0.50	mg/kg		8260B	03/20/13	500
1,2-Dichloroethane	U	0.13	0.50	mg/kg		8260B	03/20/13	500
1,1-Dichloroethene	U	0.15	0.50	mg/kg		8260B	03/20/13	500
cis-1,2-Dichloroethene	U	0.12	0.50	mg/kg		8260B	03/20/13	500
trans-1,2-Dichloroethene	U	0.13	0.50	mg/kg		8260B	03/20/13	500
1,2-Dichloropropane	U	0.18	0.50	mg/kg		8260B	03/20/13	500
1,1-Dichloropropene	U	0.16	0.50	mg/kg		8260B	03/20/13	500
1,3-Dichloropropane	U	0.10	0.50	mg/kg		8260B	03/20/13	500
cis-1,3-Dichloropropene	U	0.13	0.50	mg/kg		8260B	03/20/13	500
trans-1,3-Dichloropropene	U	0.13	0.50	mg/kg		8260B	03/20/13	500
2,2-Dichloropropane	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Di-isopropyl ether	U	0.12	0.50	mg/kg		8260B	03/20/13	500

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Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 13.5
Collected By : JF
Collection Date : 03/13/13 13:00

ESC Sample # : L625790-05

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	32.	0.15	0.50	mg/kg		8260B	03/20/13	500
Hexachloro-1,3-butadiene	U	0.17	0.50	mg/kg	J3	8260B	03/20/13	500
Isopropylbenzene	5.0	0.12	0.50	mg/kg		8260B	03/20/13	500
p-Isopropyltoluene	2.2	0.10	0.50	mg/kg		8260B	03/20/13	500
2-Butanone (MEK)	U	2.3	5.0	mg/kg		8260B	03/20/13	500
Methylene Chloride	U	0.27	2.5	mg/kg		8260B	03/20/13	500
4-Methyl-2-pentanone (MIBK)	U	0.94	5.0	mg/kg		8260B	03/20/13	500
Methyl tert-butyl ether	U	0.11	0.50	mg/kg		8260B	03/20/13	500
Naphthalene	11.	0.22	2.5	mg/kg	J3	8260B	03/20/13	500
n-Propylbenzene	18.	0.10	0.50	mg/kg		8260B	03/20/13	500
Styrene	U	0.12	0.50	mg/kg		8260B	03/20/13	500
1,1,1,2-Tetrachloroethane	U	0.13	0.50	mg/kg		8260B	03/20/13	500
1,1,2,2-Tetrachloroethane	U	0.18	0.50	mg/kg		8260B	03/20/13	500
1,1,2-Trichlorotrifluoroethane	U	0.18	0.50	mg/kg		8260B	03/20/13	500
Tetrachloroethene	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Toluene	2.6	0.22	2.5	mg/kg		8260B	03/20/13	500
1,2,3-Trichlorobenzene	U	0.15	0.50	mg/kg	J3	8260B	03/20/13	500
1,2,4-Trichlorobenzene	U	0.19	0.50	mg/kg	J3	8260B	03/20/13	500
1,1,1-Trichloroethane	U	0.14	0.50	mg/kg		8260B	03/20/13	500
1,1,2-Trichloroethane	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Trichloroethene	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Trichlorofluoromethane	U	0.19	2.5	mg/kg		8260B	03/20/13	500
1,2,3-Trichloropropane	U	0.37	1.3	mg/kg		8260B	03/20/13	500
1,2,4-Trimethylbenzene	100	0.42	2.0	mg/kg		8260B	03/21/13	2000
1,2,3-Trimethylbenzene	22.	0.14	0.50	mg/kg		8260B	03/20/13	500
1,3,5-Trimethylbenzene	34.	0.13	0.50	mg/kg		8260B	03/20/13	500
Vinyl chloride	U	0.14	0.50	mg/kg		8260B	03/20/13	500
Xylenes, Total	160	0.35	1.5	mg/kg		8260B	03/20/13	500
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	03/20/13	500
Dibromofluoromethane	94.3			% Rec.		8260B	03/20/13	500
4-Bromofluorobenzene	100.			% Rec.		8260B	03/20/13	500
TPH (GC/FID) High Fraction	360	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	89.6			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.0051	0.00076	0.0060	mg/kg	J	8270C-S	03/25/13	1
Acenaphthene	0.0099	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	0.0029	0.00057	0.0060	mg/kg	J	8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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MDL = Minimum Detection Limit = LOD = TRRP SDL

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-02 13.5
Collected By : JF
Collection Date : 03/13/13 13:00

ESC Sample # : L625790-05

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	0.013	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	0.54	0.013	0.12	mg/kg		8270C-S	03/25/13	20
Phenanthrene	0.020	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	0.0018	0.00059	0.0060	mg/kg	J	8270C-S	03/25/13	1
1-Methylnaphthalene	0.60	0.016	0.12	mg/kg		8270C-S	03/25/13	20
2-Methylnaphthalene	1.2	0.012	0.12	mg/kg		8270C-S	03/25/13	20
2-Chloronaphthalene	0.0018	0.00060	0.0060	mg/kg	J	8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	68.6			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	48.0			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	31.6			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-06

Sample ID : LVBRN017-SS-03 5.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 12:15

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	0.0016	0.0013	0.0050	mg/kg	J	8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-03 5.0
Collected By : JF
Collection Date : 03/13/13 12:15

ESC Sample # : L625790-06

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	0.0046	0.0015	0.0050	mg/kg	J	8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0076	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	0.0052	0.0022	0.025	mg/kg	JJ3	8260B	03/20/13	5
n-Propylbenzene	0.0031	0.0010	0.0050	mg/kg	J	8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	0.0014	0.0010	0.0050	mg/kg	J	8260B	03/21/13	5
1,2,3-Trimethylbenzene	0.0028	0.0014	0.0050	mg/kg	J	8260B	03/20/13	5
1,3,5-Trimethylbenzene	0.0051	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	0.022	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	94.6			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	105.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	2.9	0.77	4.0	mg/kg	J	3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	91.5			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-03 5.0
Collected By : JF
Collection Date : 03/13/13 12:15

ESC Sample # : L625790-06

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	57.0			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	62.3			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	46.2			% Rec.		8270C-S	03/25/13	1

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McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-03 10.0
Collected By : JF
Collection Date : 03/13/13 12:20

ESC Sample # : L625790-07

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-03 10.0
Collected By : JF
Collection Date : 03/13/13 12:20

ESC Sample # : L625790-07

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	0.0016	0.0015	0.0050	mg/kg	J	8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0076	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	0.0011	0.0010	0.0050	mg/kg	J	8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	0.0016	0.0013	0.0050	mg/kg	J	8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	0.0073	0.0035	0.015	mg/kg	J	8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	94.4			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	103.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/21/13	1
Surrogate recovery(%)								
o-Terphenyl	51.4			% Rec.		3546/DR	03/21/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-03 10.0
Collected By : JF
Collection Date : 03/13/13 12:20

ESC Sample # : L625790-07

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	60.3			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	63.8			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	42.5			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-08

Sample ID : LVBRN017-SS-04 5.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 11:30

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-04 5.0
Collected By : JF
Collection Date : 03/13/13 11:30

ESC Sample # : L625790-08

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0081	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	0.0036	0.0035	0.015	mg/kg	J	8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	95.9			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	104.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	86.7			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-04 5.0
Collected By : JF
Collection Date : 03/13/13 11:30

ESC Sample # : L625790-08

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	63.3			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	72.2			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	76.2			% Rec.		8270C-S	03/25/13	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-04 10.0
Collected By : JF
Collection Date : 03/13/13 11:35

ESC Sample # : L625790-09

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-04 10.0
Collected By : JF
Collection Date : 03/13/13 11:35

ESC Sample # : L625790-09

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0081	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	96.5			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	104.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	1.2	0.77	4.0	mg/kg	J	3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	70.0			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-04 10.0
Collected By : JF
Collection Date : 03/13/13 11:35

ESC Sample # : L625790-09

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	48.2			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	54.2			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	40.3			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-10

Sample ID : LVBRN017-SS-05 5.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 14:15

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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REPORT OF ANALYSIS

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McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-05 5.0
Collected By : JF
Collection Date : 03/13/13 14:15

ESC Sample # : L625790-10

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0078	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/21/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	95.2			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	104.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	3.1	0.77	4.0	mg/kg	J	3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	63.2			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	0.0072	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	0.0099	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

U = ND (Not Detected)

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-05 5.0
Collected By : JF
Collection Date : 03/13/13 14:15

ESC Sample # : L625790-10

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	0.010	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	0.0075	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	0.0046	0.0013	0.0060	mg/kg	J	8270C-S	03/25/13	1
Chrysene	0.0094	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	0.0014	0.0011	0.0060	mg/kg	J	8270C-S	03/25/13	1
Fluoranthene	0.012	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	0.0060	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	0.0033	0.00074	0.0060	mg/kg	J	8270C-S	03/25/13	1
Pyrene	0.012	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	54.1			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	54.6			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	33.4			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-05 9.0
Collected By : JF
Collection Date : 03/13/13 14:30

ESC Sample # : L625790-11

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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REPORT OF ANALYSIS

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McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-05 9.0
Collected By : JF
Collection Date : 03/13/13 14:30

ESC Sample # : L625790-11

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0082	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	96.2			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	104.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	80.2			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-05 9.0
Collected By : JF
Collection Date : 03/13/13 14:30

ESC Sample # : L625790-11

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	58.0			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	65.2			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	58.4			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-08 5.0
Collected By : JF
Collection Date : 03/13/13 15:15

ESC Sample # : L625790-12

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-08 5.0
Collected By : JF
Collection Date : 03/13/13 15:15

ESC Sample # : L625790-12

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0083	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	97.1			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	105.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	55.3			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-08 5.0
Collected By : JF
Collection Date : 03/13/13 15:15

ESC Sample # : L625790-12

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	62.8			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	72.2			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	39.1			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-08 12.0
Collected By : JF
Collection Date : 03/13/13 15:30

ESC Sample # : L625790-13

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130) a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-08 12.0
Collected By : JF
Collection Date : 03/13/13 15:30

ESC Sample # : L625790-13

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0083	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	97.6			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	102.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	67.3			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-08 12.0
Collected By : JF
Collection Date : 03/13/13 15:30

ESC Sample # : L625790-13

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	62.5			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	68.5			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	52.7			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

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McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-09 5.0
Collected By : JF
Collection Date : 03/13/13 15:40

ESC Sample # : L625790-14

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	102.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-09 5.0
Collected By : JF
Collection Date : 03/13/13 15:40

ESC Sample # : L625790-14

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0082	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	97.7			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	103.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	52.6			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-09 5.0
Collected By : JF
Collection Date : 03/13/13 15:40

ESC Sample # : L625790-14

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	52.7			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	54.7			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	29.4			% Rec.		8270C-S	03/25/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625790-15

Sample ID : LVBRN017-SS-09 8.0

Site ID :

Collected By : JF
Collection Date : 03/13/13 15:45

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
TPH (GC/FID) Low Fraction	U	0.11	0.50	mg/kg		8015D/G	03/22/13	5
Surrogate Recovery (70-130)								
a,a,a-Trifluorotoluene(FID)	101.			% Rec.		602/801	03/22/13	5
Volatile Organics								
Acetone	U	0.029	0.25	mg/kg		8260B	03/20/13	5
Acrylonitrile	U	0.0090	0.050	mg/kg		8260B	03/20/13	5
Benzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromobenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Bromodichloromethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Bromoform	U	0.0021	0.0050	mg/kg		8260B	03/20/13	5
Bromomethane	U	0.0067	0.025	mg/kg		8260B	03/20/13	5
n-Butylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
sec-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
tert-Butylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Carbon tetrachloride	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
Chlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Chlorodibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
Chloroethane	U	0.0047	0.025	mg/kg		8260B	03/20/13	5
2-Chloroethyl vinyl ether	U	0.012	0.25	mg/kg		8260B	03/20/13	5
Chloroform	U	0.0011	0.025	mg/kg		8260B	03/20/13	5
Chloromethane	U	0.0019	0.013	mg/kg		8260B	03/20/13	5
2-Chlorotoluene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
4-Chlorotoluene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dibromo-3-Chloropropane	U	0.0052	0.025	mg/kg		8260B	03/20/13	5
1,2-Dibromoethane	U	0.0017	0.0050	mg/kg		8260B	03/20/13	5
Dibromomethane	U	0.0019	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichlorobenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichlorobenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,4-Dichlorobenzene	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Dichlorodifluoromethane	U	0.0036	0.025	mg/kg		8260B	03/20/13	5
1,1-Dichloroethane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloroethene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
cis-1,2-Dichloroethene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
trans-1,2-Dichloroethene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,2-Dichloropropane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1-Dichloropropene	U	0.0016	0.0050	mg/kg		8260B	03/20/13	5
1,3-Dichloropropane	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
cis-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
trans-1,3-Dichloropropene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
2,2-Dichloropropane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Di-isopropyl ether	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5

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Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-09 8.0
Collected By : JF
Collection Date : 03/13/13 15:45

ESC Sample # : L625790-15

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Ethylbenzene	U	0.0015	0.0050	mg/kg		8260B	03/20/13	5
Hexachloro-1,3-butadiene	U	0.0017	0.0050	mg/kg	J3	8260B	03/20/13	5
Isopropylbenzene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
p-Isopropyltoluene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
2-Butanone (MEK)	U	0.023	0.050	mg/kg		8260B	03/20/13	5
Methylene Chloride	0.0078	0.0027	0.025	mg/kg	J	8260B	03/20/13	5
4-Methyl-2-pentanone (MIBK)	U	0.0094	0.050	mg/kg		8260B	03/20/13	5
Methyl tert-butyl ether	U	0.0011	0.0050	mg/kg		8260B	03/20/13	5
Naphthalene	U	0.0022	0.025	mg/kg	J3	8260B	03/20/13	5
n-Propylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
Styrene	U	0.0012	0.0050	mg/kg		8260B	03/20/13	5
1,1,1,2-Tetrachloroethane	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
1,1,2,2-Tetrachloroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichlorotrifluoroethane	U	0.0018	0.0050	mg/kg		8260B	03/20/13	5
Tetrachloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Toluene	U	0.0022	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichlorobenzene	U	0.0015	0.0050	mg/kg	J3	8260B	03/20/13	5
1,2,4-Trichlorobenzene	U	0.0019	0.0050	mg/kg	J3	8260B	03/20/13	5
1,1,1-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,1,2-Trichloroethane	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichloroethene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Trichlorofluoromethane	U	0.0019	0.025	mg/kg		8260B	03/20/13	5
1,2,3-Trichloropropane	U	0.0037	0.013	mg/kg		8260B	03/20/13	5
1,2,4-Trimethylbenzene	U	0.0010	0.0050	mg/kg		8260B	03/20/13	5
1,2,3-Trimethylbenzene	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
1,3,5-Trimethylbenzene	U	0.0013	0.0050	mg/kg		8260B	03/20/13	5
Vinyl chloride	U	0.0014	0.0050	mg/kg		8260B	03/20/13	5
Xylenes, Total	U	0.0035	0.015	mg/kg		8260B	03/20/13	5
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	03/20/13	5
Dibromofluoromethane	95.0			% Rec.		8260B	03/20/13	5
4-Bromofluorobenzene	102.			% Rec.		8260B	03/20/13	5
TPH (GC/FID) High Fraction	U	0.77	4.0	mg/kg		3546/DR	03/24/13	1
Surrogate recovery(%)								
o-Terphenyl	72.2			% Rec.		3546/DR	03/24/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.00076	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthene	U	0.00071	0.0060	mg/kg		8270C-S	03/25/13	1
Acenaphthylene	U	0.00057	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)anthracene	U	0.00092	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(a)pyrene	U	0.00062	0.0060	mg/kg		8270C-S	03/25/13	1

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6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 27, 2013

Date Received : March 19, 2013
Description : 7-Acre
Sample ID : LVBRN017-SS-09 8.0
Collected By : JF
Collection Date : 03/13/13 15:45

ESC Sample # : L625790-15

Site ID :

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Benzo(b)fluoranthene	U	0.00082	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(g,h,i)perylene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Benzo(k)fluoranthene	U	0.0013	0.0060	mg/kg		8270C-S	03/25/13	1
Chrysene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Dibenz(a,h)anthracene	U	0.0011	0.0060	mg/kg		8270C-S	03/25/13	1
Fluoranthene	U	0.0010	0.0060	mg/kg		8270C-S	03/25/13	1
Fluorene	U	0.00055	0.0060	mg/kg		8270C-S	03/25/13	1
Indeno(1,2,3-cd)pyrene	U	0.0012	0.0060	mg/kg		8270C-S	03/25/13	1
Naphthalene	U	0.00065	0.0060	mg/kg		8270C-S	03/25/13	1
Phenanthrene	U	0.00074	0.0060	mg/kg		8270C-S	03/25/13	1
Pyrene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
1-Methylnaphthalene	U	0.00079	0.0060	mg/kg		8270C-S	03/25/13	1
2-Methylnaphthalene	U	0.00059	0.0060	mg/kg		8270C-S	03/25/13	1
2-Chloronaphthalene	U	0.00060	0.0060	mg/kg		8270C-S	03/25/13	1
Surrogate Recovery								
Nitrobenzene-d5	62.3			% Rec.		8270C-S	03/25/13	1
2-Fluorobiphenyl	67.6			% Rec.		8270C-S	03/25/13	1
p-Terphenyl-d14	59.1			% Rec.		8270C-S	03/25/13	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L625790-01	WG651811	SAMP	Methylene Chloride	R2589600	J
L625790-02	WG651936	SAMP	Methylene Chloride	R2590579	J
L625790-03	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
L625790-04	WG651890	SAMP	Anthracene	R2594937	J
	WG651890	SAMP	Acenaphthylene	R2594937	J
	WG651890	SAMP	Pyrene	R2594937	J
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	p-Isopropyltoluene	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	JJ3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,3-Trimethylbenzene	R2589600	J
	WG651811	SAMP	1,3,5-Trimethylbenzene	R2589600	J
L625790-05	WG651811	SAMP	Xylenes, Total	R2589600	J
	WG651890	SAMP	Anthracene	R2594937	J
	WG651890	SAMP	Acenaphthylene	R2594937	J
	WG651890	SAMP	Pyrene	R2594937	J
	WG651890	SAMP	2-Chloronaphthalene	R2594937	J
	WG651811	SAMP	tert-Butylbenzene	R2589600	J
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
L625790-06	WG651811	SAMP	n-Butylbenzene	R2589600	J
	WG651811	SAMP	Ethylbenzene	R2589600	J
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	JJ3
	WG651811	SAMP	n-Propylbenzene	R2589600	J
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG652041	SAMP	1,2,4-Trimethylbenzene	R2594877	J
	WG651811	SAMP	1,2,3-Trimethylbenzene	R2589600	J
L625790-07	WG652369	SAMP	TPH (GC/FID) High Fraction	R2594120	J
	WG651811	SAMP	Ethylbenzene	R2589600	J
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	n-Propylbenzene	R2589600	J
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,3,5-Trimethylbenzene	R2589600	J
	WG651811	SAMP	Xylenes, Total	R2589600	J
L625790-08	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	Xylenes, Total	R2589600	J
L625790-09	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651889	SAMP	TPH (GC/FID) High Fraction	R2594182	J
L625790-10	WG651890	SAMP	Benzo(k)fluoranthene	R2594937	J
	WG651890	SAMP	Dibenz(a,h)anthracene	R2594937	J
	WG651890	SAMP	Phenanthrene	R2594937	J
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651889	SAMP	TPH (GC/FID) High Fraction	R2594182	J
L625790-11	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L625790-12	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
L625790-13	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
L625790-14	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
L625790-15	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	Hexachloro-1,3-butadiene	R2589600	J3
	WG651811	SAMP	Methylene Chloride	R2589600	J
	WG651811	SAMP	Naphthalene	R2589600	J3
	WG651811	SAMP	1,2,3-Trichlorobenzene	R2589600	J3
	WG651811	SAMP	1,2,4-Trichlorobenzene	R2589600	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J3	The associated batch QC was outside the established quality control range for precision.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
03/27/13 at 12:03:10

TSR Signing Reports: 358

Accounting - new account- verify billing info- 5k CL

Sample: L625790-01 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-02 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-03 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-04 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-05 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-06 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-07 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-08 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-09 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-10 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-11 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-12 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-13 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-14 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01
Sample: L625790-15 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/27/13 12:01



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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

March 27, 2013

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,1,1-Trichloroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,1,2-Trichloroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,1,2-Trichlorotrifluoroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,1-Dichloroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,1-Dichloroethene	< .001	mg/kg			WG651811	03/20/13 04:15
1,1-Dichloropropene	< .001	mg/kg			WG651811	03/20/13 04:15
1,2,3-Trichlorobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,2,3-Trichloropropane	< .0025	mg/kg			WG651811	03/20/13 04:15
1,2,3-Trimethylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,2,4-Trichlorobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,2,4-Trimethylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG651811	03/20/13 04:15
1,2-Dibromoethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,2-Dichlorobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,2-Dichloroethane	< .001	mg/kg			WG651811	03/20/13 04:15
1,2-Dichloropropane	< .001	mg/kg			WG651811	03/20/13 04:15
1,3,5-Trimethylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,3-Dichlorobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
1,3-Dichloropropane	< .001	mg/kg			WG651811	03/20/13 04:15
1,4-Dichlorobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
2,2-Dichloropropane	< .001	mg/kg			WG651811	03/20/13 04:15
2-Butanone (MEK)	< .01	mg/kg			WG651811	03/20/13 04:15
2-Chloroethyl vinyl ether	< .05	mg/kg			WG651811	03/20/13 04:15
2-Chlorotoluene	< .001	mg/kg			WG651811	03/20/13 04:15
4-Chlorotoluene	< .001	mg/kg			WG651811	03/20/13 04:15
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG651811	03/20/13 04:15
Acetone	< .05	mg/kg			WG651811	03/20/13 04:15
Acrylonitrile	< .01	mg/kg			WG651811	03/20/13 04:15
Benzene	< .001	mg/kg			WG651811	03/20/13 04:15
Bromobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Bromodichloromethane	< .001	mg/kg			WG651811	03/20/13 04:15
Bromoform	< .001	mg/kg			WG651811	03/20/13 04:15
Bromomethane	< .005	mg/kg			WG651811	03/20/13 04:15
Carbon tetrachloride	< .001	mg/kg			WG651811	03/20/13 04:15
Chlorobenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Chlorodibromomethane	< .001	mg/kg			WG651811	03/20/13 04:15
Chloroethane	< .005	mg/kg			WG651811	03/20/13 04:15
Chloroform	< .005	mg/kg			WG651811	03/20/13 04:15
Chloromethane	< .0025	mg/kg			WG651811	03/20/13 04:15
cis-1,2-Dichloroethene	< .001	mg/kg			WG651811	03/20/13 04:15
cis-1,3-Dichloropropene	< .001	mg/kg			WG651811	03/20/13 04:15
Di-isopropyl ether	< .001	mg/kg			WG651811	03/20/13 04:15
Dibromomethane	< .001	mg/kg			WG651811	03/20/13 04:15
Dichlorodifluoromethane	< .005	mg/kg			WG651811	03/20/13 04:15
Ethylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Hexachloro-1,3-butadiene	< .001	mg/kg			WG651811	03/20/13 04:15
Isopropylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Methyl tert-butyl ether	< .001	mg/kg			WG651811	03/20/13 04:15
Methylene Chloride	< .005	mg/kg			WG651811	03/20/13 04:15
n-Butylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
n-Propylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Naphthalene	< .005	mg/kg			WG651811	03/20/13 04:15
p-Isopropyltoluene	< .001	mg/kg			WG651811	03/20/13 04:15
sec-Butylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Styrene	< .001	mg/kg			WG651811	03/20/13 04:15
tert-Butylbenzene	< .001	mg/kg			WG651811	03/20/13 04:15
Tetrachloroethene	< .001	mg/kg			WG651811	03/20/13 04:15

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Tax I.D. 62-0814289

Est. 1970

March 27, 2013

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Toluene	< .005	mg/kg			WG651811	03/20/13 04:15
trans-1,2-Dichloroethene	< .001	mg/kg			WG651811	03/20/13 04:15
trans-1,3-Dichloropropene	< .001	mg/kg			WG651811	03/20/13 04:15
Trichloroethene	< .001	mg/kg			WG651811	03/20/13 04:15
Trichlorofluoromethane	< .005	mg/kg			WG651811	03/20/13 04:15
Vinyl chloride	< .001	mg/kg			WG651811	03/20/13 04:15
Xylenes, Total	< .003	mg/kg			WG651811	03/20/13 04:15
4-Bromofluorobenzene		% Rec.	105.0	67-133	WG651811	03/20/13 04:15
Dibromofluoromethane		% Rec.	96.17	72-135	WG651811	03/20/13 04:15
Toluene-d8		% Rec.	103.1	90-113	WG651811	03/20/13 04:15
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,1,1-Trichloroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,1,2-Trichloroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,1,2-Trichlorotrifluoroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,1-Dichloroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,1-Dichloroethene	< .001	mg/kg			WG651936	03/20/13 23:33
1,1-Dichloropropene	< .001	mg/kg			WG651936	03/20/13 23:33
1,2,3-Trichlorobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,2,3-Trichloropropane	< .0025	mg/kg			WG651936	03/20/13 23:33
1,2,3-Trimethylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,2,4-Trichlorobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,2,4-Trimethylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG651936	03/20/13 23:33
1,2-Dibromoethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,2-Dichlorobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,2-Dichloroethane	< .001	mg/kg			WG651936	03/20/13 23:33
1,2-Dichloropropane	< .001	mg/kg			WG651936	03/20/13 23:33
1,3,5-Trimethylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,3-Dichlorobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
1,3-Dichloropropane	< .001	mg/kg			WG651936	03/20/13 23:33
1,4-Dichlorobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
2,2-Dichloropropane	< .001	mg/kg			WG651936	03/20/13 23:33
2-Butanone (MEK)	< .01	mg/kg			WG651936	03/20/13 23:33
2-Chloroethyl vinyl ether	< .05	mg/kg			WG651936	03/20/13 23:33
2-Chlorotoluene	< .001	mg/kg			WG651936	03/20/13 23:33
4-Chlorotoluene	< .001	mg/kg			WG651936	03/20/13 23:33
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG651936	03/20/13 23:33
Acetone	< .05	mg/kg			WG651936	03/20/13 23:33
Acrylonitrile	< .01	mg/kg			WG651936	03/20/13 23:33
Benzene	< .001	mg/kg			WG651936	03/20/13 23:33
Bromobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
Bromodichloromethane	< .001	mg/kg			WG651936	03/20/13 23:33
Bromoform	< .001	mg/kg			WG651936	03/20/13 23:33
Bromomethane	< .005	mg/kg			WG651936	03/20/13 23:33
Carbon tetrachloride	< .001	mg/kg			WG651936	03/20/13 23:33
Chlorobenzene	< .001	mg/kg			WG651936	03/20/13 23:33
Chlorodibromomethane	< .001	mg/kg			WG651936	03/20/13 23:33
Chloroethane	< .005	mg/kg			WG651936	03/20/13 23:33
Chloroform	< .005	mg/kg			WG651936	03/20/13 23:33
Chloromethane	< .0025	mg/kg			WG651936	03/20/13 23:33
cis-1,2-Dichloroethene	< .001	mg/kg			WG651936	03/20/13 23:33
cis-1,3-Dichloropropene	< .001	mg/kg			WG651936	03/20/13 23:33
Di-isopropyl ether	< .001	mg/kg			WG651936	03/20/13 23:33
Dibromomethane	< .001	mg/kg			WG651936	03/20/13 23:33
Dichlorodifluoromethane	< .005	mg/kg			WG651936	03/20/13 23:33
Ethylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33

* Performance of this Analyte is outside of established criteria.

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Est. 1970

March 27, 2013

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Hexachloro-1,3-butadiene	< .001	mg/kg			WG651936	03/20/13 23:33
Isopropylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
Methyl tert-butyl ether	< .001	mg/kg			WG651936	03/20/13 23:33
Methylene Chloride	< .005	mg/kg			WG651936	03/20/13 23:33
n-Butylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
n-Propylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
Naphthalene	< .005	mg/kg			WG651936	03/20/13 23:33
p-Isopropyltoluene	< .001	mg/kg			WG651936	03/20/13 23:33
sec-Butylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
Styrene	< .001	mg/kg			WG651936	03/20/13 23:33
tert-Butylbenzene	< .001	mg/kg			WG651936	03/20/13 23:33
Tetrachloroethene	< .001	mg/kg			WG651936	03/20/13 23:33
Toluene	< .005	mg/kg			WG651936	03/20/13 23:33
trans-1,2-Dichloroethene	< .001	mg/kg			WG651936	03/20/13 23:33
trans-1,3-Dichloropropene	< .001	mg/kg			WG651936	03/20/13 23:33
Trichloroethene	< .001	mg/kg			WG651936	03/20/13 23:33
Trichlorofluoromethane	< .005	mg/kg			WG651936	03/20/13 23:33
Vinyl chloride	< .001	mg/kg			WG651936	03/20/13 23:33
Xylenes, Total	< .003	mg/kg			WG651936	03/20/13 23:33
4-Bromofluorobenzene		% Rec.	100.9	67-133	WG651936	03/20/13 23:33
Dibromofluoromethane		% Rec.	97.23	72-135	WG651936	03/20/13 23:33
Toluene-d8		% Rec.	100.0	90-113	WG651936	03/20/13 23:33
TPH (GC/FID) High Fraction	< 4	mg/kg			WG651861	03/21/13 17:51
o-Terphenyl		% Rec.	94.30	50-150	WG651861	03/21/13 17:51
TPH (GC/FID) High Fraction	< 4	mg/kg			WG651883	03/21/13 17:15
o-Terphenyl		% Rec.	65.80	50-150	WG651883	03/21/13 17:15
1-Methylnaphthalene	< .006	mg/kg			WG651857	03/22/13 00:06
2-Chloronaphthalene	< .006	mg/kg			WG651857	03/22/13 00:06
2-Methylnaphthalene	< .006	mg/kg			WG651857	03/22/13 00:06
Acenaphthene	< .006	mg/kg			WG651857	03/22/13 00:06
Acenaphthylene	< .006	mg/kg			WG651857	03/22/13 00:06
Anthracene	< .006	mg/kg			WG651857	03/22/13 00:06
Benzo(a)anthracene	< .006	mg/kg			WG651857	03/22/13 00:06
Benzo(a)pyrene	< .006	mg/kg			WG651857	03/22/13 00:06
Benzo(b)fluoranthene	< .006	mg/kg			WG651857	03/22/13 00:06
Benzo(g,h,i)perylene	< .006	mg/kg			WG651857	03/22/13 00:06
Benzo(k)fluoranthene	< .006	mg/kg			WG651857	03/22/13 00:06
Chrysene	< .006	mg/kg			WG651857	03/22/13 00:06
Dibenz(a,h)anthracene	< .006	mg/kg			WG651857	03/22/13 00:06
Fluoranthene	< .006	mg/kg			WG651857	03/22/13 00:06
Fluorene	< .006	mg/kg			WG651857	03/22/13 00:06
Indeno(1,2,3-cd)pyrene	< .006	mg/kg			WG651857	03/22/13 00:06
Naphthalene	< .006	mg/kg			WG651857	03/22/13 00:06
Phenanthrene	< .006	mg/kg			WG651857	03/22/13 00:06
Pyrene	< .006	mg/kg			WG651857	03/22/13 00:06
2-Fluorobiphenyl		% Rec.	87.90	26.1-136	WG651857	03/22/13 00:06
Nitrobenzene-d5		% Rec.	89.80	12.7-142	WG651857	03/22/13 00:06
p-Terphenyl-d14		% Rec.	102.0	20.5-158	WG651857	03/22/13 00:06
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG651844	03/22/13 02:32
a,a,a-Trifluorotoluene(FID)		% Rec.	102.0	59-128	WG651844	03/22/13 02:32

* Performance of this Analyte is outside of established criteria.

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Est. 1970

Quality Assurance Report
Level II

March 27, 2013

L625790

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG651843	03/22/13 15:36
a,a,a-Trifluorotoluene(FID)		% Rec.	90.42	59-128	WG651843	03/22/13 15:36
TPH (GC/FID) High Fraction	< 4	mg/kg			WG651889	03/24/13 14:37
o-Terphenyl		% Rec.	82.20	50-150	WG651889	03/24/13 14:37
1,2,4-Trimethylbenzene	< .001	mg/kg			WG652041	03/21/13 16:36
4-Bromofluorobenzene		% Rec.	102.9	67-133	WG652041	03/21/13 16:36
Dibromofluoromethane		% Rec.	101.0	72-135	WG652041	03/21/13 16:36
Toluene-d8		% Rec.	105.2	90-113	WG652041	03/21/13 16:36
1-Methylnaphthalene	< .006	mg/kg			WG651890	03/25/13 01:26
2-Chloronaphthalene	< .006	mg/kg			WG651890	03/25/13 01:26
2-Methylnaphthalene	< .006	mg/kg			WG651890	03/25/13 01:26
Acenaphthene	< .006	mg/kg			WG651890	03/25/13 01:26
Acenaphthylene	< .006	mg/kg			WG651890	03/25/13 01:26
Anthracene	< .006	mg/kg			WG651890	03/25/13 01:26
Benzo(a)anthracene	< .006	mg/kg			WG651890	03/25/13 01:26
Benzo(a)pyrene	< .006	mg/kg			WG651890	03/25/13 01:26
Benzo(b)fluoranthene	< .006	mg/kg			WG651890	03/25/13 01:26
Benzo(g,h,i)perylene	< .006	mg/kg			WG651890	03/25/13 01:26
Benzo(k)fluoranthene	< .006	mg/kg			WG651890	03/25/13 01:26
Chrysene	< .006	mg/kg			WG651890	03/25/13 01:26
Dibenz(a,h)anthracene	< .006	mg/kg			WG651890	03/25/13 01:26
Fluoranthene	< .006	mg/kg			WG651890	03/25/13 01:26
Fluorene	< .006	mg/kg			WG651890	03/25/13 01:26
Indeno(1,2,3-cd)pyrene	< .006	mg/kg			WG651890	03/25/13 01:26
Naphthalene	< .006	mg/kg			WG651890	03/25/13 01:26
Phenanthrene	< .006	mg/kg			WG651890	03/25/13 01:26
Pyrene	< .006	mg/kg			WG651890	03/25/13 01:26
2-Fluorobiphenyl		% Rec.	68.60	26.1-136	WG651890	03/25/13 01:26
Nitrobenzene-d5		% Rec.	60.00	12.7-142	WG651890	03/25/13 01:26
p-Terphenyl-d14		% Rec.	78.70	20.5-158	WG651890	03/25/13 01:26
TPH (GC/FID) High Fraction	< 4	mg/kg			WG652119	03/26/13 14:45
o-Terphenyl		% Rec.	65.40	50-150	WG652119	03/26/13 14:45

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0229	91.7	77-129	WG651811
1,1,1-Trichloroethane	mg/kg	.025	0.0217	86.8	70-127	WG651811
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0215	85.8	76-133	WG651811
1,1,2-Trichloroethane	mg/kg	.025	0.0232	92.7	79-123	WG651811
1,1,2-Trichlorotrifluoroethane	mg/kg	.025	0.0214	85.6	52-145	WG651811
1,1-Dichloroethane	mg/kg	.025	0.0219	87.8	74-121	WG651811
1,1-Dichloroethene	mg/kg	.025	0.0217	86.9	53-135	WG651811
1,1-Dichloropropene	mg/kg	.025	0.0222	88.8	67-127	WG651811
1,2,3-Trichlorobenzene	mg/kg	.025	0.0192	76.9	74-131	WG651811
1,2,3-Trichloropropane	mg/kg	.025	0.0217	86.8	75-135	WG651811
1,2,3-Trimethylbenzene	mg/kg	.025	0.0238	95.0	76-128	WG651811
1,2,4-Trichlorobenzene	mg/kg	.025	0.0205	81.9	72-130	WG651811
1,2,4-Trimethylbenzene	mg/kg	.025	0.0226	90.5	75-131	WG651811
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0223	89.2	55-142	WG651811

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,2-Dibromoethane	mg/kg	.025	0.0231	92.3	77-126	WG651811
1,2-Dichlorobenzene	mg/kg	.025	0.0229	91.4	80-123	WG651811
1,2-Dichloroethane	mg/kg	.025	0.0212	84.8	70-128	WG651811
1,2-Dichloropropane	mg/kg	.025	0.0232	93.0	74-125	WG651811
1,3,5-Trimethylbenzene	mg/kg	.025	0.0229	91.4	77-129	WG651811
1,3-Dichlorobenzene	mg/kg	.025	0.0219	87.5	76-128	WG651811
1,3-Dichloropropane	mg/kg	.025	0.0226	90.5	77-118	WG651811
1,4-Dichlorobenzene	mg/kg	.025	0.0234	93.6	77-119	WG651811
2,2-Dichloropropane	mg/kg	.025	0.0218	87.1	60-132	WG651811
2-Butanone (MEK)	mg/kg	.125	0.112	89.8	56-146	WG651811
2-Chloroethyl vinyl ether	mg/kg	.125	0.109	87.5	17-179	WG651811
2-Chlorotoluene	mg/kg	.025	0.0225	90.1	76-125	WG651811
4-Chlorotoluene	mg/kg	.025	0.0230	92.2	76-125	WG651811
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.115	92.0	55-148	WG651811
Acetone	mg/kg	.125	0.110	87.8	47-155	WG651811
Acrylonitrile	mg/kg	.125	0.107	85.3	50-155	WG651811
Benzene	mg/kg	.025	0.0222	88.8	72-120	WG651811
Bromobenzene	mg/kg	.025	0.0223	89.3	74-122	WG651811
Bromodichloromethane	mg/kg	.025	0.0232	93.0	74-128	WG651811
Bromoform	mg/kg	.025	0.0233	93.2	62-137	WG651811
Bromomethane	mg/kg	.025	0.0208	83.2	38-180	WG651811
Carbon tetrachloride	mg/kg	.025	0.0204	81.4	62-130	WG651811
Chlorobenzene	mg/kg	.025	0.0237	94.7	77-124	WG651811
Chlorodibromomethane	mg/kg	.025	0.0234	93.6	74-128	WG651811
Chloroethane	mg/kg	.025	0.0207	82.6	46-173	WG651811
Chloroform	mg/kg	.025	0.0215	86.0	76-122	WG651811
Chloromethane	mg/kg	.025	0.0203	81.0	49-143	WG651811
cis-1,2-Dichloroethene	mg/kg	.025	0.0216	86.6	73-123	WG651811
cis-1,3-Dichloropropene	mg/kg	.025	0.0237	94.8	73-126	WG651811
Di-isopropyl ether	mg/kg	.025	0.0221	88.4	64-131	WG651811
Dibromomethane	mg/kg	.025	0.0225	90.0	75-127	WG651811
Dichlorodifluoromethane	mg/kg	.025	0.0190	76.2	30-177	WG651811
Ethylbenzene	mg/kg	.025	0.0236	94.6	76-126	WG651811
Hexachloro-1,3-butadiene	mg/kg	.025	0.0209	83.6	71-134	WG651811
Isopropylbenzene	mg/kg	.025	0.0231	92.4	70-128	WG651811
Methyl tert-butyl ether	mg/kg	.025	0.0210	83.9	66-127	WG651811
Methylene Chloride	mg/kg	.025	0.0221	88.3	67-124	WG651811
n-Butylbenzene	mg/kg	.025	0.0238	95.2	71-133	WG651811
n-Propylbenzene	mg/kg	.025	0.0229	91.6	76-126	WG651811
Naphthalene	mg/kg	.025	0.0208	83.2	68-136	WG651811
p-Isopropyltoluene	mg/kg	.025	0.0226	90.2	75-134	WG651811
sec-Butylbenzene	mg/kg	.025	0.0226	90.2	75-132	WG651811
Styrene	mg/kg	.025	0.0241	96.5	68-148	WG651811
tert-Butylbenzene	mg/kg	.025	0.0227	90.8	75-132	WG651811
Tetrachloroethene	mg/kg	.025	0.0236	94.5	70-131	WG651811
Toluene	mg/kg	.025	0.0235	93.9	74-155	WG651811
trans-1,2-Dichloroethene	mg/kg	.025	0.0216	86.3	63-126	WG651811
trans-1,3-Dichloropropene	mg/kg	.025	0.0233	93.3	68-126	WG651811
Trichloroethene	mg/kg	.025	0.0232	92.8	75-121	WG651811
Trichlorofluoromethane	mg/kg	.025	0.0206	82.3	48-170	WG651811
Vinyl chloride	mg/kg	.025	0.0203	81.4	54-144	WG651811
Xylenes, Total	mg/kg	.075	0.0707	94.2	76-126	WG651811
4-Bromofluorobenzene				99.56	67-133	WG651811
Dibromofluoromethane				92.85	72-135	WG651811
Toluene-d8				103.4	90-113	WG651811
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0290	116.	77-129	WG651936
1,1,1-Trichloroethane	mg/kg	.025	0.0264	106.	70-127	WG651936

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0269	108.	76-133	WG651936
1,1,2-Trichloroethane	mg/kg	.025	0.0280	112.	79-123	WG651936
1,1,2-Trichlorotrifluoroethane	mg/kg	.025	0.0297	119.	52-145	WG651936
1,1-Dichloroethane	mg/kg	.025	0.0262	105.	74-121	WG651936
1,1-Dichloroethene	mg/kg	.025	0.0287	115.	53-135	WG651936
1,1-Dichloropropene	mg/kg	.025	0.0264	106.	67-127	WG651936
1,2,3-Trichlorobenzene	mg/kg	.025	0.0263	105.	74-131	WG651936
1,2,3-Trichloropropane	mg/kg	.025	0.0262	105.	75-135	WG651936
1,2,3-Trimethylbenzene	mg/kg	.025	0.0271	108.	76-128	WG651936
1,2,4-Trichlorobenzene	mg/kg	.025	0.0270	108.	72-130	WG651936
1,2,4-Trimethylbenzene	mg/kg	.025	0.0282	113.	75-131	WG651936
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0270	108.	55-142	WG651936
1,2-Dibromoethane	mg/kg	.025	0.0285	114.	77-126	WG651936
1,2-Dichlorobenzene	mg/kg	.025	0.0275	110.	80-123	WG651936
1,2-Dichloroethane	mg/kg	.025	0.0259	104.	70-128	WG651936
1,2-Dichloropropane	mg/kg	.025	0.0250	100.	74-125	WG651936
1,3,5-Trimethylbenzene	mg/kg	.025	0.0291	116.	77-129	WG651936
1,3-Dichlorobenzene	mg/kg	.025	0.0287	115.	76-128	WG651936
1,3-Dichloropropane	mg/kg	.025	0.0266	107.	77-118	WG651936
1,4-Dichlorobenzene	mg/kg	.025	0.0271	109.	77-119	WG651936
2,2-Dichloropropane	mg/kg	.025	0.0283	113.	60-132	WG651936
2-Butanone (MEK)	mg/kg	.125	0.130	104.	56-146	WG651936
2-Chloroethyl vinyl ether	mg/kg	.125	0.125	100.	17-179	WG651936
2-Chlorotoluene	mg/kg	.025	0.0282	113.	76-125	WG651936
4-Chlorotoluene	mg/kg	.025	0.0283	113.	76-125	WG651936
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.133	107.	55-148	WG651936
Acetone	mg/kg	.125	0.138	111.	47-155	WG651936
Acrylonitrile	mg/kg	.125	0.135	108.	50-155	WG651936
Benzene	mg/kg	.025	0.0263	105.	72-120	WG651936
Bromobenzene	mg/kg	.025	0.0266	106.	74-122	WG651936
Bromodichloromethane	mg/kg	.025	0.0264	106.	74-128	WG651936
Bromoform	mg/kg	.025	0.0282	113.	62-137	WG651936
Bromomethane	mg/kg	.025	0.0274	109.	38-180	WG651936
Carbon tetrachloride	mg/kg	.025	0.0271	108.	62-130	WG651936
Chlorobenzene	mg/kg	.025	0.0282	113.	77-124	WG651936
Chlorodibromomethane	mg/kg	.025	0.0287	115.	74-128	WG651936
Chloroethane	mg/kg	.025	0.0307	123.	46-173	WG651936
Chloroform	mg/kg	.025	0.0267	107.	76-122	WG651936
Chloromethane	mg/kg	.025	0.0294	118.	49-143	WG651936
cis-1,2-Dichloroethene	mg/kg	.025	0.0272	109.	73-123	WG651936
cis-1,3-Dichloropropene	mg/kg	.025	0.0259	104.	73-126	WG651936
Di-isopropyl ether	mg/kg	.025	0.0260	104.	64-131	WG651936
Dibromomethane	mg/kg	.025	0.0263	105.	75-127	WG651936
Dichlorodifluoromethane	mg/kg	.025	0.0308	123.	30-177	WG651936
Ethylbenzene	mg/kg	.025	0.0288	115.	76-126	WG651936
Hexachloro-1,3-butadiene	mg/kg	.025	0.0289	116.	71-134	WG651936
Isopropylbenzene	mg/kg	.025	0.0290	116.	70-128	WG651936
Methyl tert-butyl ether	mg/kg	.025	0.0269	108.	66-127	WG651936
Methylene Chloride	mg/kg	.025	0.0267	107.	67-124	WG651936
n-Butylbenzene	mg/kg	.025	0.0274	110.	71-133	WG651936
n-Propylbenzene	mg/kg	.025	0.0291	116.	76-126	WG651936
Naphthalene	mg/kg	.025	0.0261	104.	68-136	WG651936
p-Isopropyltoluene	mg/kg	.025	0.0292	117.	75-134	WG651936
sec-Butylbenzene	mg/kg	.025	0.0285	114.	75-132	WG651936
Styrene	mg/kg	.025	0.0294	117.	68-148	WG651936
tert-Butylbenzene	mg/kg	.025	0.0287	115.	75-132	WG651936
Tetrachloroethene	mg/kg	.025	0.0279	112.	70-131	WG651936
Toluene	mg/kg	.025	0.0267	107.	74-155	WG651936
trans-1,2-Dichloroethene	mg/kg	.025	0.0271	108.	63-126	WG651936

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		Known Val	Result			
trans-1,3-Dichloropropene	mg/kg	.025	0.0260	104.	68-126	WG651936
Trichloroethene	mg/kg	.025	0.0268	107.	75-121	WG651936
Trichlorofluoromethane	mg/kg	.025	0.0301	121.	48-170	WG651936
Vinyl chloride	mg/kg	.025	0.0304	121.	54-144	WG651936
Xylenes, Total	mg/kg	.075	0.0862	115.	76-126	WG651936
4-Bromofluorobenzene				99.24	67-133	WG651936
Dibromofluoromethane				95.23	72-135	WG651936
Toluene-d8				97.41	90-113	WG651936
TPH (GC/FID) High Fraction	mg/kg	60	48.1	80.1	50-150	WG651861
o-Terphenyl				96.30	50-150	WG651861
TPH (GC/FID) High Fraction	mg/kg	60	46.2	77.0	50-150	WG651883
o-Terphenyl				67.00	50-150	WG651883
1-Methylnaphthalene	mg/kg	.033	0.0248	75.3	46.4-103	WG651857
2-Chloronaphthalene	mg/kg	.033	0.0249	75.5	46-105	WG651857
2-Methylnaphthalene	mg/kg	.033	0.0250	75.7	44.7-105	WG651857
Acenaphthene	mg/kg	.033	0.0248	75.3	50.3-102	WG651857
Acenaphthylene	mg/kg	.033	0.0256	77.5	49.5-105	WG651857
Anthracene	mg/kg	.033	0.0257	78.0	55-110	WG651857
Benzo(a)anthracene	mg/kg	.033	0.0259	78.4	56.1-112	WG651857
Benzo(a)pyrene	mg/kg	.033	0.0268	81.1	55.3-114	WG651857
Benzo(b)fluoranthene	mg/kg	.033	0.0260	78.7	55.3-116	WG651857
Benzo(g,h,i)perylene	mg/kg	.033	0.0276	83.7	51.6-122	WG651857
Benzo(k)fluoranthene	mg/kg	.033	0.0272	82.5	57-113	WG651857
Chrysene	mg/kg	.033	0.0265	80.4	56.9-113	WG651857
Dibenz(a,h)anthracene	mg/kg	.033	0.0283	85.8	51.6-122	WG651857
Fluoranthene	mg/kg	.033	0.0266	80.7	56.6-112	WG651857
Fluorene	mg/kg	.033	0.0247	74.9	53.3-106	WG651857
Indeno(1,2,3-cd)pyrene	mg/kg	.033	0.0278	84.1	52.1-122	WG651857
Naphthalene	mg/kg	.033	0.0234	70.8	43.9-98	WG651857
Phenanthrene	mg/kg	.033	0.0251	76.0	54.1-105	WG651857
Pyrene	mg/kg	.033	0.0282	85.5	54.3-112	WG651857
2-Fluorobiphenyl				83.60	26.1-136	WG651857
Nitrobenzene-d5				84.00	12.7-142	WG651857
p-Terphenyl-d14				96.80	20.5-158	WG651857
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.86	88.3	67-135	WG651844
a,a,a-Trifluorotoluene(FID)				96.25	59-128	WG651844
TPH (GC/FID) Low Fraction	mg/kg	5.5	3.98	72.4	67-135	WG651843
a,a,a-Trifluorotoluene(FID)				92.17	59-128	WG651843
TPH (GC/FID) High Fraction	mg/kg	60	45.9	76.6	50-150	WG651889
o-Terphenyl				84.20	50-150	WG651889
1,2,4-Trimethylbenzene	mg/kg	.025	0.0258	103.	75-131	WG652041
4-Bromofluorobenzene				100.1	67-133	WG652041
Dibromofluoromethane				101.0	72-135	WG652041
Toluene-d8				104.3	90-113	WG652041

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

L625790

March 27, 2013

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1-Methylnaphthalene	mg/kg	.033	0.0222	67.1	46.4-103	WG651890
2-Chloronaphthalene	mg/kg	.033	0.0209	63.4	46-105	WG651890
2-Methylnaphthalene	mg/kg	.033	0.0217	65.7	44.7-105	WG651890
Acenaphthene	mg/kg	.033	0.0222	67.1	50.3-102	WG651890
Acenaphthylene	mg/kg	.033	0.0223	67.6	49.5-105	WG651890
Anthracene	mg/kg	.033	0.0250	75.7	55-110	WG651890
Benzo(a)anthracene	mg/kg	.033	0.0270	81.9	56.1-112	WG651890
Benzo(a)pyrene	mg/kg	.033	0.0265	80.2	55.3-114	WG651890
Benzo(b)fluoranthene	mg/kg	.033	0.0262	79.4	55.3-116	WG651890
Benzo(g,h,i)perylene	mg/kg	.033	0.0286	86.7	51.6-122	WG651890
Benzo(k)fluoranthene	mg/kg	.033	0.0266	80.5	57-113	WG651890
Chrysene	mg/kg	.033	0.0266	80.5	56.9-113	WG651890
Dibenz(a,h)anthracene	mg/kg	.033	0.0298	90.4	51.6-122	WG651890
Fluoranthene	mg/kg	.033	0.0258	78.1	56.6-112	WG651890
Fluorene	mg/kg	.033	0.0244	73.9	53.3-106	WG651890
Indeno(1,2,3-cd)pyrene	mg/kg	.033	0.0288	87.1	52.1-122	WG651890
Naphthalene	mg/kg	.033	0.0200	60.6	43.9-98	WG651890
Phenanthrene	mg/kg	.033	0.0234	71.0	54.1-105	WG651890
Pyrene	mg/kg	.033	0.0229	69.3	54.3-112	WG651890
2-Fluorobiphenyl				69.30	26.1-136	WG651890
Nitrobenzene-d5				58.90	12.7-142	WG651890
p-Terphenyl-d14				74.60	20.5-158	WG651890
TPH (GC/FID) High Fraction	mg/kg	60	42.3	70.5	50-150	WG652119
o-Terphenyl				67.10	50-150	WG652119

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/kg	0.0244	0.0229	98.0	77-129	6.30	20	WG651811
1,1,1-Trichloroethane	mg/kg	0.0234	0.0217	94.0	70-127	7.63	20	WG651811
1,1,2,2-Tetrachloroethane	mg/kg	0.0231	0.0215	92.0	76-133	7.25	20	WG651811
1,1,2-Trichloroethane	mg/kg	0.0244	0.0232	97.0	79-123	5.02	20	WG651811
1,1,2-Trichlorotrifluoroethane	mg/kg	0.0235	0.0214	94.0	52-145	9.40	20	WG651811
1,1-Dichloroethane	mg/kg	0.0236	0.0219	94.0	74-121	7.19	20	WG651811
1,1-Dichloroethene	mg/kg	0.0235	0.0217	94.0	53-135	7.65	20	WG651811
1,1-Dichloropropene	mg/kg	0.0239	0.0222	96.0	67-127	7.36	20	WG651811
1,2,3-Trichlorobenzene	mg/kg	0.0266	0.0192	106.	74-131	32.2*	20	WG651811
1,2,3-Trichloropropane	mg/kg	0.0233	0.0217	93.0	75-135	6.91	20	WG651811
1,2,3-Trimethylbenzene	mg/kg	0.0251	0.0238	100.	76-128	5.41	20	WG651811
1,2,4-Trichlorobenzene	mg/kg	0.0264	0.0205	106.	72-130	25.5*	20	WG651811
1,2,4-Trimethylbenzene	mg/kg	0.0253	0.0226	101.	75-131	11.3	20	WG651811
1,2-Dibromo-3-Chloropropane	mg/kg	0.0235	0.0223	94.0	55-142	5.16	20	WG651811
1,2-Dibromoethane	mg/kg	0.0237	0.0231	95.0	77-126	2.65	20	WG651811
1,2-Dichlorobenzene	mg/kg	0.0243	0.0229	97.0	80-123	6.20	20	WG651811
1,2-Dichloropropene	mg/kg	0.0227	0.0212	91.0	70-128	6.79	20	WG651811
1,2-Dichloropropane	mg/kg	0.0248	0.0232	99.0	74-125	6.43	20	WG651811
1,3,5-Trimethylbenzene	mg/kg	0.0253	0.0229	101.	77-129	10.3	20	WG651811
1,3-Dichlorobenzene	mg/kg	0.0245	0.0219	98.0	76-128	11.3	20	WG651811
1,3-Dichloropropane	mg/kg	0.0237	0.0226	95.0	77-118	4.53	20	WG651811
1,4-Dichlorobenzene	mg/kg	0.0243	0.0234	97.0	77-119	3.89	20	WG651811
2,2-Dichloropropane	mg/kg	0.0234	0.0218	94.0	60-132	7.27	20	WG651811
2-Butanone (MEK)	mg/kg	0.116	0.112	93.0	56-146	3.76	20	WG651811
2-Chloroethyl vinyl ether	mg/kg	0.112	0.109	90.0	17-179	2.48	22	WG651811
2-Chlorotoluene	mg/kg	0.0251	0.0225	100.	76-125	10.9	20	WG651811
4-Chlorotoluene	mg/kg	0.0251	0.0230	100.	76-125	8.53	20	WG651811
4-Methyl-2-pentanone (MIBK)	mg/kg	0.119	0.115	95.0	55-148	3.37	20	WG651811

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Tax I.D. 62-0814289

Est. 1970

March 27, 2013

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Acetone	mg/kg	0.116	0.110	93.0	47-155	5.68	22	WG651811
Acrylonitrile	mg/kg	0.113	0.107	90.0	50-155	5.80	20	WG651811
Benzene	mg/kg	0.0236	0.0222	94.0	72-120	6.18	20	WG651811
Bromobenzene	mg/kg	0.0242	0.0223	97.0	74-122	8.29	20	WG651811
Bromodichloromethane	mg/kg	0.0247	0.0232	99.0	74-128	6.04	20	WG651811
Bromoform	mg/kg	0.0246	0.0233	98.0	62-137	5.26	20	WG651811
Bromomethane	mg/kg	0.0218	0.0208	87.0	38-180	4.74	20	WG651811
Carbon tetrachloride	mg/kg	0.0218	0.0204	87.0	62-130	7.04	20	WG651811
Chlorobenzene	mg/kg	0.0248	0.0237	99.0	77-124	4.72	20	WG651811
Chlorodibromomethane	mg/kg	0.0246	0.0234	98.0	74-128	5.14	20	WG651811
Chloroethane	mg/kg	0.0221	0.0207	88.0	46-173	6.83	20	WG651811
Chloroform	mg/kg	0.0232	0.0215	93.0	76-122	7.66	20	WG651811
Chloromethane	mg/kg	0.0220	0.0203	88.0	49-143	8.17	20	WG651811
cis-1,2-Dichloroethene	mg/kg	0.0231	0.0216	92.0	73-123	6.63	20	WG651811
cis-1,3-Dichloropropene	mg/kg	0.0253	0.0237	101.	73-126	6.60	20	WG651811
Di-isopropyl ether	mg/kg	0.0239	0.0221	96.0	64-131	7.75	20	WG651811
Dibromomethane	mg/kg	0.0237	0.0225	95.0	75-127	5.05	20	WG651811
Dichlorodifluoromethane	mg/kg	0.0207	0.0190	83.0	30-177	8.21	20	WG651811
Ethylbenzene	mg/kg	0.0256	0.0236	102.	76-126	7.82	20	WG651811
Hexachloro-1,3-butadiene	mg/kg	0.0277	0.0209	111.	71-134	27.9*	20	WG651811
Isopropylbenzene	mg/kg	0.0253	0.0231	101.	70-128	9.05	20	WG651811
Methyl tert-butyl ether	mg/kg	0.0221	0.0210	88.0	66-127	5.50	20	WG651811
Methylene Chloride	mg/kg	0.0236	0.0221	94.0	67-124	6.78	20	WG651811
n-Butylbenzene	mg/kg	0.0264	0.0238	105.	71-133	10.2	20	WG651811
n-Propylbenzene	mg/kg	0.0253	0.0229	101.	76-126	9.89	20	WG651811
Naphthalene	mg/kg	0.0258	0.0208	103.	68-136	21.4*	20	WG651811
p-Isopropyltoluene	mg/kg	0.0259	0.0226	103.	75-134	13.7	20	WG651811
sec-Butylbenzene	mg/kg	0.0256	0.0226	102.	75-132	12.6	20	WG651811
Styrene	mg/kg	0.0257	0.0241	103.	68-148	6.09	20	WG651811
tert-Butylbenzene	mg/kg	0.0254	0.0227	101.	75-132	11.1	20	WG651811
Tetrachloroethene	mg/kg	0.0254	0.0236	102.	70-131	7.17	20	WG651811
Toluene	mg/kg	0.0247	0.0235	99.0	74-155	5.26	20	WG651811
trans-1,2-Dichloroethene	mg/kg	0.0235	0.0216	94.0	63-126	8.75	20	WG651811
trans-1,3-Dichloropropene	mg/kg	0.0244	0.0233	97.0	68-126	4.28	20	WG651811
Trichloroethene	mg/kg	0.0250	0.0232	100.	75-121	7.51	20	WG651811
Trichlorofluoromethane	mg/kg	0.0223	0.0206	89.0	48-170	8.04	20	WG651811
Vinyl chloride	mg/kg	0.0223	0.0203	89.0	54-144	9.01	20	WG651811
Xylenes, Total	mg/kg	0.0764	0.0707	102.	76-126	7.84	20	WG651811
4-Bromofluorobenzene				102.2	67-133			WG651811
Dibromofluoromethane				95.02	72-135			WG651811
Toluene-d8				104.6	90-113			WG651811
1,1,1,2-Tetrachloroethane	mg/kg	0.0255	0.0290	102.	77-129	13.2	20	WG651936
1,1,1-Trichloroethane	mg/kg	0.0249	0.0264	100.	70-127	5.95	20	WG651936
1,1,2,2-Tetrachloroethane	mg/kg	0.0247	0.0269	99.0	76-133	8.44	20	WG651936
1,1,2-Trichloroethane	mg/kg	0.0249	0.0280	99.0	79-123	11.9	20	WG651936
1,1,2-Trichlorotrifluoroethane	mg/kg	0.0276	0.0297	110.	52-145	7.36	20	WG651936
1,1-Dichloroethane	mg/kg	0.0248	0.0262	99.0	74-121	5.62	20	WG651936
1,1-Dichloroethene	mg/kg	0.0273	0.0287	109.	53-135	5.15	20	WG651936
1,1-Dichloropropene	mg/kg	0.0249	0.0264	100.	67-127	6.02	20	WG651936
1,2,3-Trichlorobenzene	mg/kg	0.0254	0.0263	102.	74-131	3.48	20	WG651936
1,2,3-Trichloropropane	mg/kg	0.0244	0.0262	97.0	75-135	7.38	20	WG651936
1,2,3-Trimethylbenzene	mg/kg	0.0257	0.0271	103.	76-128	5.08	20	WG651936
1,2,4-Trichlorobenzene	mg/kg	0.0257	0.0270	103.	72-130	4.75	20	WG651936
1,2,4-Trimethylbenzene	mg/kg	0.0245	0.0282	98.0	75-131	14.0	20	WG651936
1,2-Dibromo-3-Chloropropane	mg/kg	0.0239	0.0270	96.0	55-142	12.1	20	WG651936
1,2-Dibromoethane	mg/kg	0.0256	0.0285	102.	77-126	10.7	20	WG651936
1,2-Dichlorobenzene	mg/kg	0.0260	0.0275	104.	80-123	5.34	20	WG651936

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March 27, 2013

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		Result	Ref	%Rec				
1,2-Dichloroethane	mg/kg	0.0241	0.0259	96.0	70-128	7.29	20	WG651936
1,2-Dichloropropane	mg/kg	0.0246	0.0250	98.0	74-125	1.60	20	WG651936
1,3,5-Trimethylbenzene	mg/kg	0.0255	0.0291	102.	77-129	13.1	20	WG651936
1,3-Dichlorobenzene	mg/kg	0.0250	0.0287	100.	76-128	13.7	20	WG651936
1,3-Dichloropropane	mg/kg	0.0244	0.0266	97.0	77-118	8.88	20	WG651936
1,4-Dichlorobenzene	mg/kg	0.0265	0.0271	106.	77-119	2.46	20	WG651936
2,2-Dichloropropane	mg/kg	0.0268	0.0283	107.	60-132	5.29	20	WG651936
2-Butanone (MEK)	mg/kg	0.118	0.130	94.0	56-146	10.2	20	WG651936
2-Chloroethyl vinyl ether	mg/kg	0.123	0.125	98.0	17-179	2.05	22	WG651936
2-Chlorotoluene	mg/kg	0.0249	0.0282	100.	76-125	12.1	20	WG651936
4-Chlorotoluene	mg/kg	0.0251	0.0283	100.	76-125	12.0	20	WG651936
4-Methyl-2-pentanone (MIBK)	mg/kg	0.127	0.133	102.	55-148	4.83	20	WG651936
Acetone	mg/kg	0.131	0.138	105.	47-155	5.31	22	WG651936
Acrylonitrile	mg/kg	0.124	0.135	99.0	50-155	8.70	20	WG651936
Benzene	mg/kg	0.0243	0.0263	97.0	72-120	7.76	20	WG651936
Bromobenzene	mg/kg	0.0240	0.0266	96.0	74-122	10.3	20	WG651936
Bromodichloromethane	mg/kg	0.0247	0.0264	99.0	74-128	6.70	20	WG651936
Bromoform	mg/kg	0.0253	0.0282	101.	62-137	10.5	20	WG651936
Bromomethane	mg/kg	0.0254	0.0274	102.	38-180	7.53	20	WG651936
Carbon tetrachloride	mg/kg	0.0261	0.0271	104.	62-130	3.64	20	WG651936
Chlorobenzene	mg/kg	0.0256	0.0282	102.	77-124	9.85	20	WG651936
Chlorodibromomethane	mg/kg	0.0256	0.0287	102.	74-128	11.6	20	WG651936
Chloroethane	mg/kg	0.0272	0.0307	109.	46-173	11.9	20	WG651936
Chloroform	mg/kg	0.0247	0.0267	99.0	76-122	7.63	20	WG651936
Chloromethane	mg/kg	0.0246	0.0294	98.0	49-143	17.9	20	WG651936
cis-1,2-Dichloroethene	mg/kg	0.0258	0.0272	103.	73-123	5.27	20	WG651936
cis-1,3-Dichloropropene	mg/kg	0.0260	0.0259	104.	73-126	0.330	20	WG651936
Di-isopropyl ether	mg/kg	0.0237	0.0260	95.0	64-131	9.25	20	WG651936
Dibromomethane	mg/kg	0.0261	0.0263	104.	75-127	0.870	20	WG651936
Dichlorodifluoromethane	mg/kg	0.0260	0.0308	104.	30-177	16.7	20	WG651936
Ethylbenzene	mg/kg	0.0255	0.0288	102.	76-126	12.4	20	WG651936
Hexachloro-1,3-butadiene	mg/kg	0.0263	0.0289	105.	71-134	9.64	20	WG651936
Isopropylbenzene	mg/kg	0.0259	0.0290	104.	70-128	11.1	20	WG651936
Methyl tert-butyl ether	mg/kg	0.0253	0.0269	101.	66-127	6.19	20	WG651936
Methylene Chloride	mg/kg	0.0260	0.0267	104.	67-124	2.79	20	WG651936
n-Butylbenzene	mg/kg	0.0262	0.0274	105.	71-133	4.68	20	WG651936
n-Propylbenzene	mg/kg	0.0256	0.0291	102.	76-126	12.7	20	WG651936
Naphthalene	mg/kg	0.0251	0.0261	100.	68-136	4.17	20	WG651936
p-Isopropyltoluene	mg/kg	0.0257	0.0292	103.	75-134	12.7	20	WG651936
sec-Butylbenzene	mg/kg	0.0246	0.0285	98.0	75-132	14.8	20	WG651936
Styrene	mg/kg	0.0264	0.0294	105.	68-148	10.8	20	WG651936
tert-Butylbenzene	mg/kg	0.0251	0.0287	100.	75-132	13.4	20	WG651936
Tetrachloroethene	mg/kg	0.0244	0.0279	97.0	70-131	13.6	20	WG651936
Toluene	mg/kg	0.0252	0.0267	101.	74-155	5.85	20	WG651936
trans-1,2-Dichloroethene	mg/kg	0.0262	0.0271	105.	63-126	3.34	20	WG651936
trans-1,3-Dichloropropene	mg/kg	0.0232	0.0260	93.0	68-126	11.3	20	WG651936
Trichloroethene	mg/kg	0.0257	0.0268	103.	75-121	4.03	20	WG651936
Trichlorofluoromethane	mg/kg	0.0284	0.0301	114.	48-170	5.97	20	WG651936
Vinyl chloride	mg/kg	0.0272	0.0304	109.	54-144	11.2	20	WG651936
Xylenes, Total	mg/kg	0.0758	0.0862	101.	76-126	12.9	20	WG651936
4-Bromofluorobenzene				94.18	67-133			WG651936
Dibromofluoromethane				94.44	72-135			WG651936
Toluene-d8				96.07	90-113			WG651936
TPH (GC/FID) High Fraction	mg/kg	45.8	48.1	76.0	50-150	4.77	20	WG651861
o-Terphenyl				92.30	50-150			WG651861

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

March 27, 2013

L625790

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
TPH (GC/FID) High Fraction	mg/kg	41.4	46.2	69.0	50-150	10.9	20	WG651883
o-Terphenyl				61.50	50-150			WG651883
1-Methylnaphthalene	mg/kg	0.0259	0.0248	78.0	46.4-103	4.05	20	WG651857
2-Chloronaphthalene	mg/kg	0.0245	0.0249	74.0	46-105	1.94	20	WG651857
2-Methylnaphthalene	mg/kg	0.0259	0.0250	78.0	44.7-105	3.53	20	WG651857
Acenaphthene	mg/kg	0.0253	0.0248	76.0	50.3-102	1.65	20	WG651857
Acenaphthylene	mg/kg	0.0257	0.0256	78.0	49.5-105	0.680	20	WG651857
Anthracene	mg/kg	0.0263	0.0257	80.0	55-110	2.17	20	WG651857
Benzo(a)anthracene	mg/kg	0.0273	0.0259	83.0	56.1-112	5.40	20	WG651857
Benzo(a)pyrene	mg/kg	0.0279	0.0268	85.0	55.3-114	4.30	20	WG651857
Benzo(b)fluoranthene	mg/kg	0.0292	0.0260	88.0	55.3-116	11.5	20	WG651857
Benzo(g,h,i)perylene	mg/kg	0.0305	0.0276	92.0	51.6-122	9.90	20	WG651857
Benzo(k)fluoranthene	mg/kg	0.0286	0.0272	87.0	57-113	4.96	20	WG651857
Chrysene	mg/kg	0.0283	0.0265	86.0	56.9-113	6.27	20	WG651857
Dibenz(a,h)anthracene	mg/kg	0.0309	0.0283	94.0	51.6-122	8.75	20	WG651857
Fluoranthene	mg/kg	0.0277	0.0266	84.0	56.6-112	3.90	20	WG651857
Fluorene	mg/kg	0.0261	0.0247	79.0	53.3-106	5.48	20	WG651857
Indeno(1,2,3-cd)pyrene	mg/kg	0.0309	0.0278	94.0	52.1-122	10.6	20	WG651857
Naphthalene	mg/kg	0.0236	0.0234	72.0	43.9-98	0.980	20	WG651857
Phenanthrene	mg/kg	0.0255	0.0251	77.0	54.1-105	1.84	20	WG651857
Pyrene	mg/kg	0.0298	0.0282	90.0	54.3-112	5.48	20	WG651857
2-Fluorobiphenyl				84.00	26.1-136			WG651857
Nitrobenzene-d5				85.30	12.7-142			WG651857
p-Terphenyl-d14				105.0	20.5-158			WG651857
TPH (GC/FID) Low Fraction	mg/kg	5.64	4.86	102.	67-135	15.0	20	WG651844
a,a,a-Trifluorotoluene(FID)				96.81	59-128			WG651844
TPH (GC/FID) Low Fraction	mg/kg	4.06	3.98	74.0	67-135	1.89	20	WG651843
a,a,a-Trifluorotoluene(FID)				91.81	59-128			WG651843
TPH (GC/FID) High Fraction	mg/kg	47.1	45.9	78.0	50-150	2.43	20	WG651889
o-Terphenyl				86.20	50-150			WG651889
1,2,4-Trimethylbenzene	mg/kg	0.0236	0.0258	94.0	75-131	8.85	20	WG652041
4-Bromofluorobenzene				99.19	67-133			WG652041
Dibromofluoromethane				101.3	72-135			WG652041
Toluene-d8				103.1	90-113			WG652041
1-Methylnaphthalene	mg/kg	0.0233	0.0222	70.0	46.4-103	4.95	20	WG651890
2-Chloronaphthalene	mg/kg	0.0220	0.0209	66.0	46-105	4.82	20	WG651890
2-Methylnaphthalene	mg/kg	0.0227	0.0217	69.0	44.7-105	4.58	20	WG651890
Acenaphthene	mg/kg	0.0228	0.0222	69.0	50.3-102	2.91	20	WG651890
Acenaphthylene	mg/kg	0.0223	0.0223	68.0	49.5-105	0.140	20	WG651890
Anthracene	mg/kg	0.0254	0.0250	77.0	55-110	1.50	20	WG651890
Benzo(a)anthracene	mg/kg	0.0263	0.0270	80.0	56.1-112	2.64	20	WG651890
Benzo(a)pyrene	mg/kg	0.0256	0.0265	77.0	55.3-114	3.43	20	WG651890
Benzo(b)fluoranthene	mg/kg	0.0225	0.0262	68.0	55.3-116	15.2	20	WG651890
Benzo(g,h,i)perylene	mg/kg	0.0258	0.0286	78.0	51.6-122	10.2	20	WG651890
Benzo(k)fluoranthene	mg/kg	0.0285	0.0266	86.0	57-113	7.15	20	WG651890
Chrysene	mg/kg	0.0270	0.0266	82.0	56.9-113	1.69	20	WG651890
Dibenz(a,h)anthracene	mg/kg	0.0271	0.0298	82.0	51.6-122	9.46	20	WG651890

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Fluoranthene	mg/kg	0.0256	0.0258	77.0	56.6-112	0.920	20	WG651890
Fluorene	mg/kg	0.0240	0.0244	73.0	53.3-106	1.68	20	WG651890
Indeno(1,2,3-cd)pyrene	mg/kg	0.0269	0.0288	81.0	52.1-122	6.69	20	WG651890
Naphthalene	mg/kg	0.0223	0.0200	68.0	43.9-98	10.9	20	WG651890
Phenanthrene	mg/kg	0.0225	0.0234	68.0	54.1-105	4.03	20	WG651890
Pyrene	mg/kg	0.0242	0.0229	73.0	54.3-112	5.51	20	WG651890
2-Fluorobiphenyl				66.40	26.1-136			WG651890
Nitrobenzene-d5				62.00	12.7-142			WG651890
p-Terphenyl-d14				75.20	20.5-158			WG651890
TPH (GC/FID) High Fraction	mg/kg	47.1	42.3	78.0	50-150	10.7	20	WG652119
o-Terphenyl				76.30	50-150			WG652119

Analyte	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref	Res					
1,1,1,2-Tetrachloroethane	mg/kg	0.115	0		.025	91.9	49-135	L625790-01	WG651811
1,1,1-Trichloroethane	mg/kg	0.114	0		.025	91.1	43-142	L625790-01	WG651811
1,1,2,2-Tetrachloroethane	mg/kg	0.0959	0		.025	76.8	42-147	L625790-01	WG651811
1,1,2-Trichloroethane	mg/kg	0.115	0		.025	91.9	51-134	L625790-01	WG651811
1,1,2-Trichlorotrifluoroethane	mg/kg	0.109	0		.025	87.0	25-156	L625790-01	WG651811
1,1-Dichloroethane	mg/kg	0.112	0		.025	90.0	50-131	L625790-01	WG651811
1,1-Dichloroethene	mg/kg	0.115	0		.025	92.1	29-145	L625790-01	WG651811
1,1-Dichloropropene	mg/kg	0.112	0		.025	90.0	40-136	L625790-01	WG651811
1,2,3-Trichlorobenzene	mg/kg	0.0796	0		.025	63.7	13-142	L625790-01	WG651811
1,2,3-Trichloropropane	mg/kg	0.111	0		.025	88.9	41-149	L625790-01	WG651811
1,2,3-Trimethylbenzene	mg/kg	0.112	0.000385		.025	89.6	33-146	L625790-01	WG651811
1,2,4-Trichlorobenzene	mg/kg	0.0828	0		.025	66.2	12-140	L625790-01	WG651811
1,2,4-Trimethylbenzene	mg/kg	0.104	0.000589		.025	82.6	29-143	L625790-01	WG651811
1,2-Dibromo-3-Chloropropane	mg/kg	0.112	0		.025	89.3	29-151	L625790-01	WG651811
1,2-Dibromoethane	mg/kg	0.113	0		.025	90.5	48-133	L625790-01	WG651811
1,2-Dichlorobenzene	mg/kg	0.108	0		.025	86.0	37-136	L625790-01	WG651811
1,2-Dichloroethane	mg/kg	0.107	0		.025	85.3	49-131	L625790-01	WG651811
1,2-Dichloropropane	mg/kg	0.116	0		.025	92.7	50-132	L625790-01	WG651811
1,3,5-Trimethylbenzene	mg/kg	0.106	0.000407		.025	84.6	29-144	L625790-01	WG651811
1,3-Dichlorobenzene	mg/kg	0.100	0		.025	80.0	26-140	L625790-01	WG651811
1,3-Dichloropropane	mg/kg	0.110	0		.025	88.2	50-126	L625790-01	WG651811
1,4-Dichlorobenzene	mg/kg	0.107	0		.025	85.9	34-132	L625790-01	WG651811
2,2-Dichloropropane	mg/kg	0.116	0		.025	92.8	35-148	L625790-01	WG651811
2-Butanone (MEK)	mg/kg	0.568	0		.125	90.9	40-149	L625790-01	WG651811
2-Chloroethyl vinyl ether	mg/kg	0.523	0		.125	83.7	10-173	L625790-01	WG651811
2-Chlorotoluene	mg/kg	0.108	0		.025	86.1	34-136	L625790-01	WG651811
4-Chlorotoluene	mg/kg	0.107	0		.025	85.6	31-137	L625790-01	WG651811
4-Methyl-2-pentanone (MIBK)	mg/kg	0.579	0		.125	92.6	37-153	L625790-01	WG651811
Acetone	mg/kg	0.551	0.0100		.125	86.6	10-177	L625790-01	WG651811
Acrylonitrile	mg/kg	0.543	0		.125	86.9	33-159	L625790-01	WG651811
Benzene	mg/kg	0.111	0.000379		.025	88.2	44-131	L625790-01	WG651811
Bromobenzene	mg/kg	0.107	0		.025	85.2	36-132	L625790-01	WG651811
Bromodichloromethane	mg/kg	0.115	0		.025	92.0	48-134	L625790-01	WG651811
Bromoform	mg/kg	0.117	0		.025	93.7	34-141	L625790-01	WG651811
Bromomethane	mg/kg	0.108	0		.025	86.4	19-173	L625790-01	WG651811
Carbon tetrachloride	mg/kg	0.107	0.00145		.025	84.5	36-140	L625790-01	WG651811
Chlorobenzene	mg/kg	0.114	0		.025	91.5	42-133	L625790-01	WG651811
Chlorodibromomethane	mg/kg	0.115	0		.025	92.3	45-135	L625790-01	WG651811
Chloroethane	mg/kg	0.110	0		.025	87.8	16-178	L625790-01	WG651811
Chloroform	mg/kg	0.110	0		.025	88.4	52-130	L625790-01	WG651811
Chloromethane	mg/kg	0.108	0		.025	86.4	28-147	L625790-01	WG651811
cis-1,2-Dichloroethene	mg/kg	0.111	0		.025	88.6	52-128	L625790-01	WG651811

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			Ref Res	TV				
cis-1,3-Dichloropropene	mg/kg	0.117	0	.025	93.8	46-131	L625790-01	WG651811
Di-isopropyl ether	mg/kg	0.111	0	.025	89.2	46-134	L625790-01	WG651811
Dibromomethane	mg/kg	0.113	0	.025	90.5	51-133	L625790-01	WG651811
Dichlorodifluoromethane	mg/kg	0.105	0	.025	84.2	12-179	L625790-01	WG651811
Ethylbenzene	mg/kg	0.115	0	.025	92.4	38-139	L625790-01	WG651811
Hexachloro-1,3-butadiene	mg/kg	0.0764	0	.025	61.2	10-147	L625790-01	WG651811
Isopropylbenzene	mg/kg	0.111	0.000405	.025	88.6	34-137	L625790-01	WG651811
Methyl tert-butyl ether	mg/kg	0.107	0	.025	85.7	45-134	L625790-01	WG651811
Methylene Chloride	mg/kg	0.116	0.00814	.025	86.6	41-133	L625790-01	WG651811
n-Butylbenzene	mg/kg	0.0963	0.000436	.025	76.7	19-149	L625790-01	WG651811
n-Propylbenzene	mg/kg	0.106	0.000474	.025	84.0	27-142	L625790-01	WG651811
Naphthalene	mg/kg	0.0985	0	.025	78.8	19-146	L625790-01	WG651811
p-Isopropyltoluene	mg/kg	0.0980	0.000357	.025	78.1	21-150	L625790-01	WG651811
sec-Butylbenzene	mg/kg	0.101	0	.025	80.5	25-148	L625790-01	WG651811
Styrene	mg/kg	0.115	0	.025	91.8	30-156	L625790-01	WG651811
tert-Butylbenzene	mg/kg	0.104	0.000332	.025	83.1	32-146	L625790-01	WG651811
Tetrachloroethene	mg/kg	0.113	0	.025	90.2	35-139	L625790-01	WG651811
Toluene	mg/kg	0.115	0.000447	.025	91.8	43-127	L625790-01	WG651811
trans-1,2-Dichloroethene	mg/kg	0.112	0	.025	89.6	41-132	L625790-01	WG651811
trans-1,3-Dichloropropene	mg/kg	0.113	0	.025	90.7	43-129	L625790-01	WG651811
Trichloroethene	mg/kg	0.130	0	.025	104.	42-136	L625790-01	WG651811
Trichlorofluoromethane	mg/kg	0.110	0.000442	.025	87.6	20-178	L625790-01	WG651811
Vinyl chloride	mg/kg	0.111	0	.025	89.2	30-157	L625790-01	WG651811
Xylenes, Total	mg/kg	0.344	0.000964	.075	91.5	38-137	L625790-01	WG651811
4-Bromofluorobenzene					98.97	67-133		WG651811
Dibromofluoromethane					94.21	72-135		WG651811
Toluene-d8					103.6	90-113		WG651811
1,1,1,2-Tetrachloroethane	mg/kg	0.113	0	.025	90.1	49-135	L625792-13	WG651936
1,1,1-Trichloroethane	mg/kg	0.122	0	.025	97.3	43-142	L625792-13	WG651936
1,1,2,2-Tetrachloroethane	mg/kg	0.104	0	.025	83.1	42-147	L625792-13	WG651936
1,1,2-Trichloroethane	mg/kg	0.105	0	.025	84.0	51-134	L625792-13	WG651936
1,1,2-Trichlorotrifluoroethane	mg/kg	0.131	0	.025	104.	25-156	L625792-13	WG651936
1,1-Dichloroethane	mg/kg	0.115	0	.025	91.6	50-131	L625792-13	WG651936
1,1-Dichloroethene	mg/kg	0.130	0	.025	104.	29-145	L625792-13	WG651936
1,1-Dichloropropene	mg/kg	0.120	0	.025	95.8	40-136	L625792-13	WG651936
1,2,3-Trichlorobenzene	mg/kg	0.0980	0	.025	78.4	13-142	L625792-13	WG651936
1,2,3-Trichloropropane	mg/kg	0.105	0	.025	83.7	41-149	L625792-13	WG651936
1,2,3-Trimethylbenzene	mg/kg	0.113	0	.025	90.6	33-146	L625792-13	WG651936
1,2,4-Trichlorobenzene	mg/kg	0.0993	0	.025	79.4	12-140	L625792-13	WG651936
1,2,4-Trimethylbenzene	mg/kg	0.108	0.000360	.025	86.3	29-143	L625792-13	WG651936
1,2-Dibromo-3-Chloropropane	mg/kg	0.110	0	.025	87.8	29-151	L625792-13	WG651936
1,2-Dibromoethane	mg/kg	0.109	0	.025	87.2	48-133	L625792-13	WG651936
1,2-Dichlorobenzene	mg/kg	0.115	0	.025	92.2	37-136	L625792-13	WG651936
1,2-Dichloroethane	mg/kg	0.108	0	.025	86.6	49-131	L625792-13	WG651936
1,2-Dichloropropane	mg/kg	0.113	0	.025	90.4	50-132	L625792-13	WG651936
1,3,5-Trimethylbenzene	mg/kg	0.111	0	.025	89.1	29-144	L625792-13	WG651936
1,3-Dichlorobenzene	mg/kg	0.106	0	.025	84.4	26-140	L625792-13	WG651936
1,3-Dichloropropane	mg/kg	0.106	0	.025	84.8	50-126	L625792-13	WG651936
1,4-Dichlorobenzene	mg/kg	0.111	0.000534	.025	88.1	34-132	L625792-13	WG651936
2,2-Dichloropropane	mg/kg	0.125	0	.025	100.	35-148	L625792-13	WG651936
2-Butanone (MEK)	mg/kg	0.534	0.00257	.125	85.1	40-149	L625792-13	WG651936
2-Chloroethyl vinyl ether	mg/kg	0.571	0	.125	91.4	10-173	L625792-13	WG651936
2-Chlorotoluene	mg/kg	0.109	0	.025	87.1	34-136	L625792-13	WG651936
4-Chlorotoluene	mg/kg	0.106	0	.025	85.0	31-137	L625792-13	WG651936
4-Methyl-2-pentanone (MIBK)	mg/kg	0.596	0	.125	95.4	37-153	L625792-13	WG651936
Acetone	mg/kg	0.589	0.0248	.125	90.2	10-177	L625792-13	WG651936
Acrylonitrile	mg/kg	0.544	0	.125	87.0	33-159	L625792-13	WG651936

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			Ref Res	TV				
Benzene	mg/kg	0.116	0	.025	92.6	44-131	L625792-13	WG651936
Bromobenzene	mg/kg	0.102	0	.025	81.6	36-132	L625792-13	WG651936
Bromodichloromethane	mg/kg	0.116	0	.025	93.0	48-134	L625792-13	WG651936
Bromoform	mg/kg	0.107	0	.025	86.0	34-141	L625792-13	WG651936
Bromomethane	mg/kg	0.114	0	.025	91.1	19-173	L625792-13	WG651936
Carbon tetrachloride	mg/kg	0.122	0	.025	97.3	36-140	L625792-13	WG651936
Chlorobenzene	mg/kg	0.109	0	.025	87.3	42-133	L625792-13	WG651936
Chlorodibromomethane	mg/kg	0.113	0	.025	90.1	45-135	L625792-13	WG651936
Chloroethane	mg/kg	0.123	0	.025	98.6	16-178	L625792-13	WG651936
Chloroform	mg/kg	0.112	0	.025	89.9	52-130	L625792-13	WG651936
Chloromethane	mg/kg	0.116	0	.025	92.7	28-147	L625792-13	WG651936
cis-1,2-Dichloroethene	mg/kg	0.120	0	.025	96.4	52-128	L625792-13	WG651936
cis-1,3-Dichloropropene	mg/kg	0.117	0	.025	94.0	46-131	L625792-13	WG651936
Di-isopropyl ether	mg/kg	0.109	0	.025	87.0	46-134	L625792-13	WG651936
Dibromomethane	mg/kg	0.118	0	.025	94.5	51-133	L625792-13	WG651936
Dichlorodifluoromethane	mg/kg	0.117	0	.025	93.9	12-179	L625792-13	WG651936
Ethylbenzene	mg/kg	0.116	0	.025	93.0	38-139	L625792-13	WG651936
Hexachloro-1,3-butadiene	mg/kg	0.110	0	.025	88.3	10-147	L625792-13	WG651936
Isopropylbenzene	mg/kg	0.116	0	.025	92.7	34-137	L625792-13	WG651936
Methyl tert-butyl ether	mg/kg	0.116	0	.025	92.5	45-134	L625792-13	WG651936
Methylene Chloride	mg/kg	0.115	0.00109	.025	91.4	41-133	L625792-13	WG651936
n-Butylbenzene	mg/kg	0.114	0	.025	90.9	19-149	L625792-13	WG651936
n-Propylbenzene	mg/kg	0.113	0	.025	90.6	27-142	L625792-13	WG651936
Naphthalene	mg/kg	0.105	0.000773	.025	83.2	19-146	L625792-13	WG651936
p-Isopropyltoluene	mg/kg	0.111	0	.025	88.6	21-150	L625792-13	WG651936
sec-Butylbenzene	mg/kg	0.109	0	.025	87.3	25-148	L625792-13	WG651936
Styrene	mg/kg	0.114	0	.025	91.3	30-156	L625792-13	WG651936
tert-Butylbenzene	mg/kg	0.113	0	.025	90.4	32-146	L625792-13	WG651936
Tetrachloroethene	mg/kg	0.108	0	.025	86.6	35-139	L625792-13	WG651936
Toluene	mg/kg	0.123	0.000917	.025	98.0	43-127	L625792-13	WG651936
trans-1,2-Dichloroethene	mg/kg	0.122	0	.025	97.6	41-132	L625792-13	WG651936
trans-1,3-Dichloropropene	mg/kg	0.107	0	.025	85.6	43-129	L625792-13	WG651936
Trichloroethene	mg/kg	0.118	0	.025	94.8	42-136	L625792-13	WG651936
Trichlorofluoromethane	mg/kg	0.128	0	.025	103.	20-178	L625792-13	WG651936
Vinyl chloride	mg/kg	0.119	0	.025	95.1	30-157	L625792-13	WG651936
Xylenes, Total	mg/kg	0.340	0.000698	.075	90.4	38-137	L625792-13	WG651936
4-Bromofluorobenzene					93.17	67-133		WG651936
Dibromofluoromethane					98.76	72-135		WG651936
Toluene-d8					101.3	90-113		WG651936
TPH (GC/FID) High Fraction	mg/kg	43.5	0.129	60	72.2	50-150	L625790-02	WG651861
o-Terphenyl					93.60	50-150		WG651861
1-Methylnaphthalene	mg/kg	0.0271	0	.033	82.2	14.2-149	L625790-01	WG651857
2-Chloronaphthalene	mg/kg	0.0266	0	.033	80.7	30.4-130	L625790-01	WG651857
2-Methylnaphthalene	mg/kg	0.0279	0	.033	84.5	19.4-145	L625790-01	WG651857
Acenaphthene	mg/kg	0.0277	0	.033	83.9	30.4-133	L625790-01	WG651857
Acenaphthylene	mg/kg	0.0285	0	.033	86.4	30.5-137	L625790-01	WG651857
Anthracene	mg/kg	0.0282	0	.033	85.5	24.8-145	L625790-01	WG651857
Benzo(a)anthracene	mg/kg	0.0269	0.000678	.033	79.6	17.4-147	L625790-01	WG651857
Benzo(a)pyrene	mg/kg	0.0265	0	.033	80.2	14.5-149	L625790-01	WG651857
Benzo(b)fluoranthene	mg/kg	0.0280	0	.033	85.0	17-151	L625790-01	WG651857
Benzo(g,h,i)perylene	mg/kg	0.0204	0	.033	62.0	10-154	L625790-01	WG651857
Benzo(k)fluoranthene	mg/kg	0.0256	0	.033	77.6	14.8-150	L625790-01	WG651857
Chrysene	mg/kg	0.0276	0	.033	83.5	15.7-148	L625790-01	WG651857
Dibenz(a,h)anthracene	mg/kg	0.0222	0	.033	67.2	10-142	L625790-01	WG651857
Fluoranthene	mg/kg	0.0294	0	.033	89.1	22.9-153	L625790-01	WG651857

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Est. 1970

Quality Assurance Report
Level II

March 27, 2013

L625790

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Fluorene	mg/kg	0.0284	0	.033	86.1	28.9-140	L625790-01	WG651857
Indeno(1,2,3-cd)pyrene	mg/kg	0.0217	0	.033	65.8	10-155	L625790-01	WG651857
Naphthalene	mg/kg	0.0252	0	.033	76.5	19.5-137	L625790-01	WG651857
Phenanthrene	mg/kg	0.0280	0	.033	85.0	15.6-153	L625790-01	WG651857
Pyrene	mg/kg	0.0298	0	.033	90.4	18.4-146	L625790-01	WG651857
2-Fluorobiphenyl					90.80	26.1-136		WG651857
Nitrobenzene-d5					94.80	12.7-142		WG651857
p-Terphenyl-d14					103.0	20.5-158		WG651857
TPH (GC/FID) Low Fraction	mg/kg	20.7	0	5.5	75.1	55-109	L625790-03	WG651844
a,a,a-Trifluorotoluene(FID)					95.98	59-128		WG651844
TPH (GC/FID) Low Fraction	mg/kg	13.6	0	5.5	49.6*	55-109	L625570-03	WG651843
a,a,a-Trifluorotoluene(FID)					89.35	59-128		WG651843
TPH (GC/FID) High Fraction	mg/kg	69.4	1.62	60	113.	50-150	L626248-02	WG652369
o-Terphenyl					108.0	50-150		WG652369
TPH (GC/FID) High Fraction	mg/kg	46.1	0.102	60	76.6	50-150	L625790-08	WG651889
o-Terphenyl					84.30	50-150		WG651889
1-Methylnaphthalene	mg/kg	0.0227	0	.033	68.9	14.2-149	L625790-03	WG651890
2-Chloronaphthalene	mg/kg	0.0218	0	.033	66.0	30.4-130	L625790-03	WG651890
2-Methylnaphthalene	mg/kg	0.0218	0	.033	66.2	19.4-145	L625790-03	WG651890
Acenaphthene	mg/kg	0.0221	0	.033	67.1	30.4-133	L625790-03	WG651890
Acenaphthylene	mg/kg	0.0226	0	.033	68.5	30.5-137	L625790-03	WG651890
Anthracene	mg/kg	0.0241	0	.033	73.0	24.8-145	L625790-03	WG651890
Benzo(a)anthracene	mg/kg	0.0197	0	.033	59.7	17.4-147	L625790-03	WG651890
Benzo(a)pyrene	mg/kg	0.0167	0	.033	50.7	14.5-149	L625790-03	WG651890
Benzo(b)fluoranthene	mg/kg	0.0164	0	.033	49.6	17-151	L625790-03	WG651890
Benzo(g,h,i)perylene	mg/kg	0.0134	0	.033	40.5	10-154	L625790-03	WG651890
Benzo(k)fluoranthene	mg/kg	0.0179	0	.033	54.4	14.8-150	L625790-03	WG651890
Chrysene	mg/kg	0.0209	0	.033	63.5	15.7-148	L625790-03	WG651890
Dibenz(a,h)anthracene	mg/kg	0.0149	0	.033	45.2	10-142	L625790-03	WG651890
Fluoranthene	mg/kg	0.0233	0	.033	70.7	22.9-153	L625790-03	WG651890
Fluorene	mg/kg	0.0221	0	.033	66.9	28.9-140	L625790-03	WG651890
Indeno(1,2,3-cd)pyrene	mg/kg	0.0149	0	.033	45.1	10-155	L625790-03	WG651890
Naphthalene	mg/kg	0.0221	0	.033	66.9	19.5-137	L625790-03	WG651890
Phenanthrene	mg/kg	0.0219	0	.033	66.3	15.6-153	L625790-03	WG651890
Pyrene	mg/kg	0.0208	0	.033	63.0	18.4-146	L625790-03	WG651890
2-Fluorobiphenyl					70.80	26.1-136		WG651890
Nitrobenzene-d5					64.30	12.7-142		WG651890
p-Terphenyl-d14					71.40	20.5-158		WG651890
1,2,4-Trimethylbenzene	mg/kg	0.0236	0	.025	94.3	29-143	L626017-11	WG652041
TPH (GC/FID) High Fraction	mg/kg	42.0	0.194	60	69.6	50-150	L625790-03	WG652119
o-Terphenyl					64.80	50-150		WG652119

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Quality Assurance Report
Level II

March 27, 2013

L625790

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/kg	0.119	0.115	95.4	49-135	3.71	23	L625790-01	WG651811
1,1,1-Trichloroethane	mg/kg	0.117	0.114	93.7	43-142	2.84	24	L625790-01	WG651811
1,1,2,2-Tetrachloroethane	mg/kg	0.0981	0.0959	78.5	42-147	2.23	25	L625790-01	WG651811
1,1,2-Trichloroethane	mg/kg	0.121	0.115	96.5	51-134	4.87	21	L625790-01	WG651811
1,1,2-Trichlorotrifluoroethane	mg/kg	0.113	0.109	90.6	25-156	4.03	29	L625790-01	WG651811
1,1-Dichloroethane	mg/kg	0.120	0.112	95.6	50-131	6.04	21	L625790-01	WG651811
1,1-Dichloroethene	mg/kg	0.118	0.115	94.2	29-145	2.27	28	L625790-01	WG651811
1,1-Dichloropropene	mg/kg	0.118	0.112	94.2	40-136	4.63	24	L625790-01	WG651811
1,2,3-Trichlorobenzene	mg/kg	0.102	0.0796	81.4	13-142	24.4	33	L625790-01	WG651811
1,2,3-Trichloropropane	mg/kg	0.115	0.111	92.0	41-149	3.53	28	L625790-01	WG651811
1,2,3-Trimethylbenzene	mg/kg	0.117	0.112	93.1	33-146	3.85	27	L625790-01	WG651811
1,2,4-Trichlorobenzene	mg/kg	0.100	0.0828	80.1	12-140	19.0	32	L625790-01	WG651811
1,2,4-Trimethylbenzene	mg/kg	0.113	0.104	90.2	29-143	8.76	30	L625790-01	WG651811
1,2-Dibromo-3-Chloropropane	mg/kg	0.115	0.112	92.3	29-151	3.28	31	L625790-01	WG651811
1,2-Dibromoethane	mg/kg	0.118	0.113	94.5	48-133	4.37	22	L625790-01	WG651811
1,2-Dichlorobenzene	mg/kg	0.114	0.108	91.4	37-136	6.08	25	L625790-01	WG651811
1,2-Dichloroethane	mg/kg	0.112	0.107	89.5	49-131	4.78	20	L625790-01	WG651811
1,2-Dichloropropane	mg/kg	0.122	0.116	97.3	50-132	4.86	21	L625790-01	WG651811
1,3,5-Trimethylbenzene	mg/kg	0.115	0.106	91.6	29-144	7.90	30	L625790-01	WG651811
1,3-Dichlorobenzene	mg/kg	0.108	0.100	86.6	26-140	7.81	28	L625790-01	WG651811
1,3-Dichloropropane	mg/kg	0.117	0.110	93.8	50-126	6.16	22	L625790-01	WG651811
1,4-Dichlorobenzene	mg/kg	0.112	0.107	89.6	34-132	4.23	26	L625790-01	WG651811
2,2-Dichloropropane	mg/kg	0.118	0.116	94.1	35-148	1.37	26	L625790-01	WG651811
2-Butanone (MEK)	mg/kg	0.588	0.568	94.0	40-149	3.38	27	L625790-01	WG651811
2-Chloroethyl vinyl ether	mg/kg	0.557	0.523	89.1	10-173	6.26	33	L625790-01	WG651811
2-Chlorotoluene	mg/kg	0.115	0.108	91.9	34-136	6.53	28	L625790-01	WG651811
4-Chlorotoluene	mg/kg	0.114	0.107	91.1	31-137	6.16	27	L625790-01	WG651811
4-Methyl-2-pentanone (MIBK)	mg/kg	0.591	0.579	94.6	37-153	2.09	27	L625790-01	WG651811
Acetone	mg/kg	0.588	0.551	92.5	10-177	6.49	28	L625790-01	WG651811
Acrylonitrile	mg/kg	0.570	0.543	91.2	33-159	4.89	26	L625790-01	WG651811
Benzene	mg/kg	0.118	0.111	94.0	44-131	6.33	21	L625790-01	WG651811
Bromobenzene	mg/kg	0.113	0.107	90.6	36-132	6.09	26	L625790-01	WG651811
Bromodichloromethane	mg/kg	0.122	0.115	97.6	48-134	5.84	20	L625790-01	WG651811
Bromoform	mg/kg	0.122	0.117	97.2	34-141	3.71	24	L625790-01	WG651811
Bromomethane	mg/kg	0.113	0.108	90.3	19-173	4.33	25	L625790-01	WG651811
Carbon tetrachloride	mg/kg	0.110	0.107	87.0	36-140	2.82	26	L625790-01	WG651811
Chlorobenzene	mg/kg	0.120	0.114	96.2	42-133	5.02	24	L625790-01	WG651811
Chlorodibromomethane	mg/kg	0.122	0.115	97.8	45-135	5.84	23	L625790-01	WG651811
Chloroethane	mg/kg	0.115	0.110	92.3	16-178	5.01	25	L625790-01	WG651811
Chloroform	mg/kg	0.116	0.110	92.8	52-130	4.84	21	L625790-01	WG651811
Chloromethane	mg/kg	0.113	0.108	90.6	28-147	4.76	23	L625790-01	WG651811
cis-1,2-Dichloroethene	mg/kg	0.115	0.111	92.1	52-128	3.84	21	L625790-01	WG651811
cis-1,3-Dichloropropene	mg/kg	0.123	0.117	98.6	46-131	4.98	21	L625790-01	WG651811
Di-isopropyl ether	mg/kg	0.117	0.111	93.9	46-134	5.20	20	L625790-01	WG651811
Dibromomethane	mg/kg	0.116	0.113	93.1	51-133	2.86	21	L625790-01	WG651811
Dichlorodifluoromethane	mg/kg	0.111	0.105	88.7	12-179	5.17	27	L625790-01	WG651811
Ethylbenzene	mg/kg	0.123	0.115	98.4	38-139	6.38	27	L625790-01	WG651811
Hexachloro-1,3-butadiene	mg/kg	0.0948	0.0764	75.9	10-147	21.5	37	L625790-01	WG651811
Isopropylbenzene	mg/kg	0.118	0.111	94.3	34-137	6.22	29	L625790-01	WG651811
Methyl tert-butyl ether	mg/kg	0.110	0.107	88.4	45-134	3.05	22	L625790-01	WG651811
Methylene Chloride	mg/kg	0.121	0.116	90.6	41-133	4.24	28	L625790-01	WG651811
n-Butylbenzene	mg/kg	0.105	0.0963	83.4	19-149	8.34	32	L625790-01	WG651811
n-Propylbenzene	mg/kg	0.113	0.106	90.2	27-142	7.04	29	L625790-01	WG651811
Naphthalene	mg/kg	0.113	0.0985	90.1	19-146	13.4	30	L625790-01	WG651811
p-Isopropyltoluene	mg/kg	0.109	0.0980	87.2	21-150	11.0	31	L625790-01	WG651811
sec-Butylbenzene	mg/kg	0.110	0.101	87.8	25-148	8.68	31	L625790-01	WG651811
Styrene	mg/kg	0.122	0.115	97.3	30-156	5.85	26	L625790-01	WG651811
tert-Butylbenzene	mg/kg	0.113	0.104	90.5	32-146	8.55	30	L625790-01	WG651811
Tetrachloroethene	mg/kg	0.120	0.113	95.6	35-139	5.88	27	L625790-01	WG651811
Toluene	mg/kg	0.120	0.115	96.0	43-127	4.42	21	L625790-01	WG651811

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
trans-1,2-Dichloroethene	mg/kg	0.116	0.112	92.6	41-132	3.25	23	L625790-01	WG651811
trans-1,3-Dichloropropene	mg/kg	0.120	0.113	95.9	43-129	5.61	23	L625790-01	WG651811
Trichloroethene	mg/kg	0.136	0.130	109.	42-136	4.58	23	L625790-01	WG651811
Trichlorofluoromethane	mg/kg	0.115	0.110	91.3	20-178	4.16	30	L625790-01	WG651811
Vinyl chloride	mg/kg	0.117	0.111	93.7	30-157	4.95	24	L625790-01	WG651811
Xylenes, Total	mg/kg	0.365	0.344	97.0	38-137	5.80	26	L625790-01	WG651811
4-Bromofluorobenzene				100.9	67-133				WG651811
Dibromofluoromethane				95.04	72-135				WG651811
Toluene-d8				103.3	90-113				WG651811
1,1,1,2-Tetrachloroethane	mg/kg	0.114	0.113	90.9	49-135	0.850	23	L625792-13	WG651936
1,1,1-Trichloroethane	mg/kg	0.120	0.122	96.0	43-142	1.34	24	L625792-13	WG651936
1,1,2,2-Tetrachloroethane	mg/kg	0.111	0.104	88.6	42-147	6.43	25	L625792-13	WG651936
1,1,2-Trichloroethane	mg/kg	0.112	0.105	89.9	51-134	6.70	21	L625792-13	WG651936
1,1,2-Trichlorotrifluoroethane	mg/kg	0.131	0.131	105.	25-156	0.640	29	L625792-13	WG651936
1,1-Dichloroethane	mg/kg	0.117	0.115	93.3	50-131	1.77	21	L625792-13	WG651936
1,1-Dichloroethene	mg/kg	0.127	0.130	102.	29-145	2.19	28	L625792-13	WG651936
1,1-Dichloropropene	mg/kg	0.114	0.120	91.4	40-136	4.61	24	L625792-13	WG651936
1,2,3-Trichlorobenzene	mg/kg	0.0900	0.0980	72.0	13-142	8.56	33	L625792-13	WG651936
1,2,3-Trichloropropane	mg/kg	0.105	0.105	84.0	41-149	0.340	28	L625792-13	WG651936
1,2,3-Trimethylbenzene	mg/kg	0.107	0.113	85.6	33-146	5.67	27	L625792-13	WG651936
1,2,4-Trichlorobenzene	mg/kg	0.0902	0.0993	72.2	12-140	9.53	32	L625792-13	WG651936
1,2,4-Trimethylbenzene	mg/kg	0.106	0.108	84.9	29-143	1.68	30	L625792-13	WG651936
1,2-Dibromo-3-Chloropropane	mg/kg	0.110	0.110	87.7	29-151	0.0700	31	L625792-13	WG651936
1,2-Dibromoethane	mg/kg	0.111	0.109	88.8	48-133	1.85	22	L625792-13	WG651936
1,2-Dichlorobenzene	mg/kg	0.104	0.115	83.5	37-136	9.86	25	L625792-13	WG651936
1,2-Dichloroethane	mg/kg	0.109	0.108	86.9	49-131	0.420	20	L625792-13	WG651936
1,2-Dichloropropane	mg/kg	0.115	0.113	91.6	50-132	1.32	21	L625792-13	WG651936
1,3,5-Trimethylbenzene	mg/kg	0.111	0.111	89.0	29-144	0.130	30	L625792-13	WG651936
1,3-Dichlorobenzene	mg/kg	0.105	0.106	84.2	26-140	0.220	28	L625792-13	WG651936
1,3-Dichloropropane	mg/kg	0.108	0.106	86.7	50-126	2.22	22	L625792-13	WG651936
1,4-Dichlorobenzene	mg/kg	0.102	0.111	80.8	34-132	8.59	26	L625792-13	WG651936
2,2-Dichloropropane	mg/kg	0.127	0.125	102.	35-148	1.61	26	L625792-13	WG651936
2-Butanone (MEK)	mg/kg	0.484	0.534	77.0	40-149	9.89	27	L625792-13	WG651936
2-Chloroethyl vinyl ether	mg/kg	0.518	0.571	82.9	10-173	9.75	33	L625792-13	WG651936
2-Chlorotoluene	mg/kg	0.111	0.109	88.9	34-136	2.07	28	L625792-13	WG651936
4-Chlorotoluene	mg/kg	0.107	0.106	86.0	31-137	1.18	27	L625792-13	WG651936
4-Methyl-2-pentanone (MIBK)	mg/kg	0.580	0.596	92.8	37-153	2.74	27	L625792-13	WG651936
Acetone	mg/kg	0.581	0.589	88.9	10-177	1.39	28	L625792-13	WG651936
Acrylonitrile	mg/kg	0.553	0.544	88.5	33-159	1.76	26	L625792-13	WG651936
Benzene	mg/kg	0.113	0.116	90.1	44-131	2.72	21	L625792-13	WG651936
Bromobenzene	mg/kg	0.106	0.102	84.6	36-132	3.65	26	L625792-13	WG651936
Bromodichloromethane	mg/kg	0.113	0.116	90.0	48-134	3.25	20	L625792-13	WG651936
Bromoform	mg/kg	0.111	0.107	88.8	34-141	3.22	24	L625792-13	WG651936
Bromomethane	mg/kg	0.116	0.114	92.6	19-173	1.61	25	L625792-13	WG651936
Carbon tetrachloride	mg/kg	0.122	0.122	97.4	36-140	0.0400	26	L625792-13	WG651936
Chlorobenzene	mg/kg	0.112	0.109	89.5	42-133	2.49	24	L625792-13	WG651936
Chlorodibromomethane	mg/kg	0.110	0.113	88.2	45-135	2.09	23	L625792-13	WG651936
Chloroethane	mg/kg	0.127	0.123	102.	16-178	3.13	25	L625792-13	WG651936
Chloroform	mg/kg	0.116	0.112	92.5	52-130	2.94	21	L625792-13	WG651936
Chloromethane	mg/kg	0.116	0.116	92.8	28-147	0.100	23	L625792-13	WG651936
cis-1,2-Dichloroethene	mg/kg	0.119	0.120	95.4	52-128	1.09	21	L625792-13	WG651936
cis-1,3-Dichloropropene	mg/kg	0.112	0.117	89.8	46-131	4.56	21	L625792-13	WG651936
Di-isopropyl ether	mg/kg	0.111	0.109	88.7	46-134	1.88	20	L625792-13	WG651936
Dibromomethane	mg/kg	0.111	0.118	88.9	51-133	6.15	21	L625792-13	WG651936
Dichlorodifluoromethane	mg/kg	0.111	0.117	89.1	12-179	5.26	27	L625792-13	WG651936
Ethylbenzene	mg/kg	0.115	0.116	92.2	38-139	0.890	27	L625792-13	WG651936
Hexachloro-1,3-butadiene	mg/kg	0.0977	0.110	78.2	10-147	12.2	37	L625792-13	WG651936

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Tax I.D. 62-0814289

Est. 1970

March 27, 2013

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Isopropylbenzene	mg/kg	0.117	0.116	93.7	34-137	1.06	29	L625792-13	WG651936
Methyl tert-butyl ether	mg/kg	0.119	0.116	95.1	45-134	2.78	22	L625792-13	WG651936
Methylene Chloride	mg/kg	0.118	0.115	93.3	41-133	2.05	28	L625792-13	WG651936
n-Butylbenzene	mg/kg	0.0984	0.114	78.7	19-149	14.4	32	L625792-13	WG651936
n-Propylbenzene	mg/kg	0.112	0.113	90.0	27-142	0.760	29	L625792-13	WG651936
Naphthalene	mg/kg	0.0987	0.105	78.4	19-146	5.98	30	L625792-13	WG651936
p-Isopropyltoluene	mg/kg	0.110	0.111	87.9	21-150	0.790	31	L625792-13	WG651936
sec-Butylbenzene	mg/kg	0.109	0.109	87.0	25-148	0.350	31	L625792-13	WG651936
Styrene	mg/kg	0.113	0.114	90.3	30-156	1.09	26	L625792-13	WG651936
tert-Butylbenzene	mg/kg	0.115	0.113	92.1	32-146	1.81	30	L625792-13	WG651936
Tetrachloroethene	mg/kg	0.106	0.108	85.2	35-139	1.70	27	L625792-13	WG651936
Toluene	mg/kg	0.117	0.123	92.5	43-127	5.66	21	L625792-13	WG651936
trans-1,2-Dichloroethene	mg/kg	0.119	0.122	95.0	41-132	2.69	23	L625792-13	WG651936
trans-1,3-Dichloropropene	mg/kg	0.106	0.107	85.2	43-129	0.420	23	L625792-13	WG651936
Trichloroethene	mg/kg	0.110	0.118	88.2	42-136	7.14	23	L625792-13	WG651936
Trichlorofluoromethane	mg/kg	0.127	0.128	102.	20-178	1.08	30	L625792-13	WG651936
Vinyl chloride	mg/kg	0.127	0.119	101.	30-157	6.34	24	L625792-13	WG651936
Xylenes, Total	mg/kg	0.336	0.340	89.4	38-137	1.13	26	L625792-13	WG651936
4-Bromofluorobenzene				97.85	67-133				WG651936
Dibromofluoromethane				102.1	72-135				WG651936
Toluene-d8				100.7	90-113				WG651936
TPH (GC/FID) High Fraction	mg/kg	41.4	43.5	68.7	50-150	4.91	20	L625790-02	WG651861
o-Terphenyl				89.70	50-150				WG651861
1-Methylnaphthalene	mg/kg	0.0290	0.0271	88.0	14.2-149	6.81	31.3	L625790-01	WG651857
2-Chloronaphthalene	mg/kg	0.0286	0.0266	86.8	30.4-130	7.26	24.4	L625790-01	WG651857
2-Methylnaphthalene	mg/kg	0.0291	0.0279	88.3	19.4-145	4.39	33.8	L625790-01	WG651857
Acenaphthene	mg/kg	0.0290	0.0277	87.9	30.4-133	4.63	27.6	L625790-01	WG651857
Acenaphthylene	mg/kg	0.0304	0.0285	92.1	30.5-137	6.39	27.3	L625790-01	WG651857
Anthracene	mg/kg	0.0291	0.0282	88.1	24.8-145	3.06	30	L625790-01	WG651857
Benzo(a)anthracene	mg/kg	0.0285	0.0269	84.2	17.4-147	5.54	29.9	L625790-01	WG651857
Benzo(a)pyrene	mg/kg	0.0277	0.0265	84.0	14.5-149	4.75	30.9	L625790-01	WG651857
Benzo(b)fluoranthene	mg/kg	0.0281	0.0280	85.2	17-151	0.290	34.6	L625790-01	WG651857
Benzo(g,h,i)perylene	mg/kg	0.0205	0.0204	62.0	10-154	0.0400	35.7	L625790-01	WG651857
Benzo(k)fluoranthene	mg/kg	0.0285	0.0256	86.3	14.8-150	10.6	34.5	L625790-01	WG651857
Chrysene	mg/kg	0.0286	0.0276	86.7	15.7-148	3.71	30.5	L625790-01	WG651857
Dibenz(a,h)anthracene	mg/kg	0.0226	0.0222	68.5	10-142	1.90	34.8	L625790-01	WG651857
Fluoranthene	mg/kg	0.0312	0.0294	94.4	22.9-153	5.83	32.8	L625790-01	WG651857
Fluorene	mg/kg	0.0294	0.0284	89.0	28.9-140	3.36	30	L625790-01	WG651857
Indeno(1,2,3-cd)pyrene	mg/kg	0.0222	0.0217	67.3	10-155	2.19	36.2	L625790-01	WG651857
Naphthalene	mg/kg	0.0269	0.0252	81.4	19.5-137	6.24	33	L625790-01	WG651857
Phenanthrene	mg/kg	0.0293	0.0280	88.8	15.6-153	4.43	32.9	L625790-01	WG651857
Pyrene	mg/kg	0.0300	0.0298	90.8	18.4-146	0.480	33.5	L625790-01	WG651857
2-Fluorobiphenyl				99.80	26.1-136				WG651857
Nitrobenzene-d5				98.10	12.7-142				WG651857
p-Terphenyl-d14				103.0	20.5-158				WG651857
TPH (GC/FID) Low Fraction	mg/kg	23.8	20.7	86.6	55-109	14.2	20	L625790-03	WG651844
a,a,a-Trifluorotoluene(FID)				97.07	59-128				WG651844
TPH (GC/FID) Low Fraction	mg/kg	8.54	13.6	31.1*	55-109	46.0*	20	L625570-03	WG651843
a,a,a-Trifluorotoluene(FID)				89.16	59-128				WG651843

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	77.3	69.4	126. 120.0	50-150 50-150	10.8	20	L626248-02	WG652369 WG652369
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	43.1	46.1	71.7 82.90	50-150 50-150	6.56	20	L625790-08	WG651889 WG651889
1-Methylnaphthalene	mg/kg	0.0227	0.0227	68.8	14.2-149	0.140	31.3	L625790-03	WG651890
2-Chloronaphthalene	mg/kg	0.0224	0.0218	67.8	30.4-130	2.61	24.4	L625790-03	WG651890
2-Methylnaphthalene	mg/kg	0.0229	0.0218	69.4	19.4-145	4.67	33.8	L625790-03	WG651890
Acenaphthene	mg/kg	0.0228	0.0221	69.2	30.4-133	3.11	27.6	L625790-03	WG651890
Acenaphthylene	mg/kg	0.0225	0.0226	68.2	30.5-137	0.470	27.3	L625790-03	WG651890
Anthracene	mg/kg	0.0244	0.0241	73.9	24.8-145	1.16	30	L625790-03	WG651890
Benzo(a)anthracene	mg/kg	0.0213	0.0197	64.4	17.4-147	7.68	29.9	L625790-03	WG651890
Benzo(a)pyrene	mg/kg	0.0173	0.0167	52.3	14.5-149	3.18	30.9	L625790-03	WG651890
Benzo(b)fluoranthene	mg/kg	0.0186	0.0164	56.3	17-151	12.6	34.6	L625790-03	WG651890
Benzo(g,h,i)perylene	mg/kg	0.0161	0.0134	48.9	10-154	18.9	35.7	L625790-03	WG651890
Benzo(k)fluoranthene	mg/kg	0.0188	0.0179	57.0	14.8-150	4.63	34.5	L625790-03	WG651890
Chrysene	mg/kg	0.0214	0.0209	64.8	15.7-148	2.04	30.5	L625790-03	WG651890
Dibenz(a,h)anthracene	mg/kg	0.0165	0.0149	50.1	10-142	10.4	34.8	L625790-03	WG651890
Fluoranthene	mg/kg	0.0234	0.0233	70.9	22.9-153	0.270	32.8	L625790-03	WG651890
Fluorene	mg/kg	0.0235	0.0221	71.3	28.9-140	6.45	30	L625790-03	WG651890
Indeno(1,2,3-cd)pyrene	mg/kg	0.0162	0.0149	49.1	10-155	8.49	36.2	L625790-03	WG651890
Naphthalene	mg/kg	0.0216	0.0221	65.3	19.5-137	2.36	33	L625790-03	WG651890
Phenanthrene	mg/kg	0.0229	0.0219	69.4	15.6-153	4.55	32.9	L625790-03	WG651890
Pyrene	mg/kg	0.0210	0.0208	63.6	18.4-146	0.980	33.5	L625790-03	WG651890
2-Fluorobiphenyl				70.50	26.1-136				WG651890
Nitrobenzene-d5				60.80	12.7-142				WG651890
p-Terphenyl-d14				74.50	20.5-158				WG651890
1,2,4-Trimethylbenzene	mg/kg	0.0244	0.0236	97.7	29-143	3.55	30	L626017-11	WG652041
TPH (GC/FID) High Fraction o-Terphenyl	mg/kg	46.3	42.0	76.9 70.20	50-150 50-150	9.89	20	L625790-03	WG652119 WG652119

Batch number /Run number / Sample number cross reference

WG651811: R2589600: L625790-01 03 04 05 06 07 08 09 10 11 12 13 14 15
WG651936: R2590579: L625790-02
WG651861: R2593042: L625790-01 02
WG651883: R2593321: L625790-07
WG651857: R2593377: L625790-01
WG651844: R2593557: L625790-03 04 05 06 07 08 09 10 11 12 13 14 15
WG651843: R2593659: L625790-01 02
WG652369: R2594120: L625790-04 05 06
WG651889: R2594182: L625790-08 09 10 11 12 13 14 15
WG652041: R2594877: L625790-05 06 07 08 09 10
WG651890: R2594937 R2595557: L625790-02 03 04 05 06 07 08 09 10 11 12 13 14 15
WG652119: R2596258: L625790-03

* * Calculations are performed prior to rounding of reported values.

* Performance of this Analyte is outside of established criteria.

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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



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McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
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Report Summary

Monday March 25, 2013

Report Number: L625793

Samples Received: 03/19/13

Client Project: LVBRN017

Description: 7-Acre

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Jarred Willis , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - 01157CA, CT - PH-0197,
FL - E87487, GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016,
NC - ENV375/DW21704/B10041, ND - R-140, NJ - TN002, NJ NELAP - TN002,
SC - 84004, TN - 2006, VA - 460132, WV - 233, AZ - 0612,
MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032011-1,
TX - T104704245-11-3, OK - 9915, PA - 68-02979, IA Lab #364

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-01

Sample ID : LVBRN017-GW-01

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 13:40

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	0.0071	0.0046	0.050	mg/l	J	8260B	03/20/13	1
Acrolein	U	0.0089	0.050	mg/l		8260B	03/20/13	1
Acrylonitrile	U	0.0019	0.010	mg/l		8260B	03/20/13	1
Benzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Bromobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Bromodichloromethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Bromoform	U	0.00047	0.0010	mg/l		8260B	03/20/13	1
Bromomethane	U	0.00087	0.0050	mg/l		8260B	03/20/13	1
n-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
sec-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
tert-Butylbenzene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Carbon tetrachloride	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Chlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Chlorodibromomethane	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Chloroethane	U	0.00045	0.0050	mg/l		8260B	03/20/13	1
2-Chloroethyl vinyl ether	U	0.0030	0.050	mg/l		8260B	03/20/13	1
Chloroform	U	0.00032	0.0050	mg/l		8260B	03/20/13	1
Chloromethane	U	0.00028	0.0025	mg/l		8260B	03/20/13	1
2-Chlorotoluene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
4-Chlorotoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dibromo-3-Chloropropane	U	0.0013	0.0050	mg/l		8260B	03/20/13	1
1,2-Dibromoethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Dibromomethane	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichlorobenzene	U	0.00022	0.0010	mg/l		8260B	03/20/13	1
1,4-Dichlorobenzene	U	0.00027	0.0010	mg/l		8260B	03/20/13	1
Dichlorodifluoromethane	U	0.00055	0.0050	mg/l		8260B	03/20/13	1
1,1-Dichloroethane	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloroethane	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
cis-1,2-Dichloroethene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
trans-1,2-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloropropane	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloropropene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichloropropene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
cis-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
trans-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
2,2-Dichloropropane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Di-isopropyl ether	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Ethylbenzene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Hexachloro-1,3-butadiene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Isopropylbenzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-01

Sample ID : LVBRN017-GW-01

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 13:40

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
2-Butanone (MEK)	U	0.0039	0.010	mg/l		8260B	03/20/13	1
Methylene Chloride	0.0019	0.00084	0.0050	mg/l	J	8260B	03/20/13	1
4-Methyl-2-pentanone (MIBK)	U	0.0021	0.010	mg/l		8260B	03/20/13	1
Methyl tert-butyl ether	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Naphthalene	U	0.00059	0.0050	mg/l		8260B	03/20/13	1
n-Propylbenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Styrene	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1,1,2-Tetrachloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
1,1,2,2-Tetrachloroethane	U	0.00058	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichlorotrifluoroethane	U	0.00030	0.0010	mg/l		8260B	03/20/13	1
Tetrachloroethene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Toluene	U	0.00078	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichlorobenzene	U	0.00023	0.0010	mg/l	J4	8260B	03/20/13	1
1,2,4-Trichlorobenzene	U	0.00021	0.0010	mg/l	J4	8260B	03/20/13	1
1,1,1-Trichloroethane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Trichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Trichlorofluoromethane	U	0.0012	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichloropropane	U	0.00081	0.0025	mg/l		8260B	03/20/13	1
1,2,4-Trimethylbenzene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
1,2,3-Trimethylbenzene	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,3,5-Trimethylbenzene	U	0.00039	0.0010	mg/l		8260B	03/20/13	1
Vinyl chloride	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Xylenes, Total	U	0.0011	0.0030	mg/l		8260B	03/20/13	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	1
Dibromofluoromethane	106.			% Rec.		8260B	03/20/13	1
4-Bromofluorobenzene	94.7			% Rec.		8260B	03/20/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0000076	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthylene	U	0.0000068	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)anthracene	0.000013	0.000012	0.000050	mg/l	J	8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	0.000013	0.000011	0.000050	mg/l	J	8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	U	0.000016	0.000050	mg/l		8270C-S	03/20/13	1
Fluorene	U	0.0000085	0.000050	mg/l		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-01

Collected By : JF
Collection Date : 03/13/13 13:40

ESC Sample # : L625793-01

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.00034	0.000020	0.00025	mg/l		8270C-S	03/20/13	1
Phenanthrene	0.000016	0.0000082	0.000050	mg/l	J	8270C-S	03/20/13	1
Pyrene	0.000013	0.000012	0.000050	mg/l	J	8270C-S	03/20/13	1
1-Methylnaphthalene	0.00022	0.0000082	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Methylnaphthalene	0.00046	0.0000090	0.00025	mg/l		8270C-S	03/20/13	1
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	150.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	121.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	120.			% Rec.		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-02

Sample ID : LVBRN017-GW-02

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 13:10

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.046	0.50	mg/l		8260B	03/20/13	10
Acrolein	U	0.089	0.50	mg/l		8260B	03/20/13	10
Acrylonitrile	U	0.019	0.10	mg/l		8260B	03/20/13	10
Benzene	0.012	0.0033	0.010	mg/l		8260B	03/20/13	10
Bromobenzene	U	0.0035	0.010	mg/l		8260B	03/20/13	10
Bromodichloromethane	U	0.0038	0.010	mg/l		8260B	03/20/13	10
Bromoform	U	0.0047	0.010	mg/l		8260B	03/20/13	10
Bromomethane	U	0.0087	0.050	mg/l		8260B	03/20/13	10
n-Butylbenzene	0.019	0.0036	0.010	mg/l		8260B	03/20/13	10
sec-Butylbenzene	0.010	0.0036	0.010	mg/l		8260B	03/20/13	10
tert-Butylbenzene	U	0.0040	0.010	mg/l		8260B	03/20/13	10
Carbon tetrachloride	U	0.0038	0.010	mg/l		8260B	03/20/13	10
Chlorobenzene	U	0.0035	0.010	mg/l		8260B	03/20/13	10
Chlorodibromomethane	U	0.0033	0.010	mg/l		8260B	03/20/13	10
Chloroethane	U	0.0045	0.050	mg/l		8260B	03/20/13	10
2-Chloroethyl vinyl ether	U	0.030	0.50	mg/l		8260B	03/20/13	10
Chloroform	U	0.0032	0.050	mg/l		8260B	03/20/13	10
Chloromethane	U	0.0028	0.025	mg/l		8260B	03/20/13	10
2-Chlorotoluene	U	0.0038	0.010	mg/l		8260B	03/20/13	10
4-Chlorotoluene	U	0.0035	0.010	mg/l		8260B	03/20/13	10
1,2-Dibromo-3-Chloropropane	U	0.013	0.050	mg/l		8260B	03/20/13	10
1,2-Dibromoethane	U	0.0038	0.010	mg/l		8260B	03/20/13	10
Dibromomethane	U	0.0035	0.010	mg/l		8260B	03/20/13	10
1,2-Dichlorobenzene	U	0.0035	0.010	mg/l		8260B	03/20/13	10
1,3-Dichlorobenzene	U	0.0022	0.010	mg/l		8260B	03/20/13	10
1,4-Dichlorobenzene	U	0.0027	0.010	mg/l		8260B	03/20/13	10
Dichlorodifluoromethane	U	0.0055	0.050	mg/l		8260B	03/20/13	10
1,1-Dichloroethane	U	0.0026	0.010	mg/l		8260B	03/20/13	10
1,2-Dichloroethane	U	0.0036	0.010	mg/l		8260B	03/20/13	10
1,1-Dichloroethene	U	0.0040	0.010	mg/l		8260B	03/20/13	10
cis-1,2-Dichloroethene	U	0.0026	0.010	mg/l		8260B	03/20/13	10
trans-1,2-Dichloroethene	U	0.0040	0.010	mg/l		8260B	03/20/13	10
1,2-Dichloropropane	U	0.0031	0.010	mg/l		8260B	03/20/13	10
1,1-Dichloropropene	U	0.0035	0.010	mg/l		8260B	03/20/13	10
1,3-Dichloropropene	U	0.0037	0.010	mg/l		8260B	03/20/13	10
cis-1,3-Dichloropropene	U	0.0042	0.010	mg/l		8260B	03/20/13	10
trans-1,3-Dichloropropene	U	0.0042	0.010	mg/l		8260B	03/20/13	10
2,2-Dichloropropane	U	0.0032	0.010	mg/l		8260B	03/20/13	10
Di-isopropyl ether	U	0.0032	0.010	mg/l		8260B	03/20/13	10
Ethylbenzene	1.1	0.0038	0.010	mg/l		8260B	03/20/13	10
Hexachloro-1,3-butadiene	U	0.0026	0.010	mg/l		8260B	03/20/13	10
Isopropylbenzene	0.069	0.0033	0.010	mg/l		8260B	03/20/13	10

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-02

Sample ID : LVBRN017-GW-02

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 13:10

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	0.019	0.0035	0.010	mg/l		8260B	03/20/13	10
2-Butanone (MEK)	U	0.039	0.10	mg/l		8260B	03/20/13	10
Methylene Chloride	0.020	0.0084	0.050	mg/l	J	8260B	03/20/13	10
4-Methyl-2-pentanone (MIBK)	U	0.021	0.10	mg/l		8260B	03/20/13	10
Methyl tert-butyl ether	U	0.0037	0.010	mg/l		8260B	03/20/13	10
Naphthalene	0.25	0.0059	0.050	mg/l		8260B	03/20/13	10
n-Propylbenzene	0.18	0.0035	0.010	mg/l		8260B	03/20/13	10
Styrene	U	0.0031	0.010	mg/l		8260B	03/20/13	10
1,1,1,2-Tetrachloroethane	U	0.0038	0.010	mg/l		8260B	03/20/13	10
1,1,2,2-Tetrachloroethane	U	0.0058	0.010	mg/l		8260B	03/20/13	10
1,1,2-Trichlorotrifluoroethane	U	0.0030	0.010	mg/l		8260B	03/20/13	10
Tetrachloroethene	U	0.0037	0.010	mg/l		8260B	03/20/13	10
Toluene	0.22	0.0078	0.050	mg/l		8260B	03/20/13	10
1,2,3-Trichlorobenzene	U	0.0023	0.010	mg/l	J4	8260B	03/20/13	10
1,2,4-Trichlorobenzene	U	0.0021	0.010	mg/l	J4	8260B	03/20/13	10
1,1,1-Trichloroethane	U	0.0032	0.010	mg/l		8260B	03/20/13	10
1,1,2-Trichloroethane	U	0.0038	0.010	mg/l		8260B	03/20/13	10
Trichloroethene	U	0.0040	0.010	mg/l		8260B	03/20/13	10
Trichlorofluoromethane	U	0.012	0.050	mg/l		8260B	03/20/13	10
1,2,3-Trichloropropane	U	0.0081	0.025	mg/l		8260B	03/20/13	10
1,2,4-Trimethylbenzene	1.4	0.0037	0.010	mg/l		8260B	03/20/13	10
1,2,3-Trimethylbenzene	0.34	0.0032	0.010	mg/l		8260B	03/20/13	10
1,3,5-Trimethylbenzene	0.31	0.0039	0.010	mg/l		8260B	03/20/13	10
Vinyl chloride	U	0.0026	0.010	mg/l		8260B	03/20/13	10
Xylenes, Total	4.7	0.011	0.030	mg/l		8260B	03/20/13	10
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	03/20/13	10
Dibromofluoromethane	103.			% Rec.		8260B	03/20/13	10
4-Bromofluorobenzene	98.5			% Rec.		8260B	03/20/13	10
Polynuclear Aromatic Hydrocarbons								
Anthracene	0.000033	0.0000076	0.000050	mg/l	J	8270C-S	03/20/13	1
Acenaphthene	0.00055	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthylene	0.00016	0.0000068	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)anthracene	0.000013	0.0000012	0.000050	mg/l	J	8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	0.000048	0.000016	0.000050	mg/l	J	8270C-S	03/20/13	1
Fluorene	0.00076	0.0000085	0.000050	mg/l		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-02

Collected By : JF
Collection Date : 03/13/13 13:10

ESC Sample # : L625793-02

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.71	0.00040	0.0050	mg/l		8270C-S	03/22/13	20
Phenanthrene	0.00078	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Pyrene	0.000056	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
1-Methylnaphthalene	0.34	0.00016	0.0050	mg/l		8270C-S	03/22/13	20
2-Methylnaphthalene	0.54	0.00018	0.0050	mg/l		8270C-S	03/22/13	20
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	160.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	105.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	108.			% Rec.		8270C-S	03/20/13	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-03

Sample ID : LVBRN017-GW-03

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 12:30

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0046	0.050	mg/l		8260B	03/20/13	1
Acrolein	U	0.0089	0.050	mg/l		8260B	03/20/13	1
Acrylonitrile	U	0.0019	0.010	mg/l		8260B	03/20/13	1
Benzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Bromobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Bromodichloromethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Bromoform	U	0.00047	0.0010	mg/l		8260B	03/20/13	1
Bromomethane	U	0.00087	0.0050	mg/l		8260B	03/20/13	1
n-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
sec-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
tert-Butylbenzene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Carbon tetrachloride	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Chlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Chlorodibromomethane	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Chloroethane	U	0.00045	0.0050	mg/l		8260B	03/20/13	1
2-Chloroethyl vinyl ether	U	0.0030	0.050	mg/l		8260B	03/20/13	1
Chloroform	U	0.00032	0.0050	mg/l		8260B	03/20/13	1
Chloromethane	U	0.00028	0.0025	mg/l		8260B	03/20/13	1
2-Chlorotoluene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
4-Chlorotoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dibromo-3-Chloropropane	U	0.0013	0.0050	mg/l		8260B	03/20/13	1
1,2-Dibromoethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Dibromomethane	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichlorobenzene	U	0.00022	0.0010	mg/l		8260B	03/20/13	1
1,4-Dichlorobenzene	U	0.00027	0.0010	mg/l		8260B	03/20/13	1
Dichlorodifluoromethane	U	0.00055	0.0050	mg/l		8260B	03/20/13	1
1,1-Dichloroethane	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloroethane	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
cis-1,2-Dichloroethene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
trans-1,2-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloropropane	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloropropene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichloropropene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
cis-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
trans-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
2,2-Dichloropropane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Di-isopropyl ether	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Ethylbenzene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Hexachloro-1,3-butadiene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Isopropylbenzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-03

Collected By : JF
Collection Date : 03/13/13 12:30

ESC Sample # : L625793-03

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
2-Butanone (MEK)	U	0.0039	0.010	mg/l		8260B	03/20/13	1
Methylene Chloride	0.0018	0.00084	0.0050	mg/l	J	8260B	03/20/13	1
4-Methyl-2-pentanone (MIBK)	U	0.0021	0.010	mg/l		8260B	03/20/13	1
Methyl tert-butyl ether	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Naphthalene	0.00064	0.00059	0.0050	mg/l	J	8260B	03/20/13	1
n-Propylbenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Styrene	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1,1,2-Tetrachloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
1,1,2,2-Tetrachloroethane	U	0.00058	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichlorotrifluoroethane	U	0.00030	0.0010	mg/l		8260B	03/20/13	1
Tetrachloroethene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Toluene	U	0.00078	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichlorobenzene	U	0.00023	0.0010	mg/l	J4	8260B	03/20/13	1
1,2,4-Trichlorobenzene	U	0.00021	0.0010	mg/l	J4	8260B	03/20/13	1
1,1,1-Trichloroethane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Trichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Trichlorofluoromethane	U	0.0012	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichloropropane	U	0.00081	0.0025	mg/l		8260B	03/20/13	1
1,2,4-Trimethylbenzene	0.00068	0.00037	0.0010	mg/l	J	8260B	03/20/13	1
1,2,3-Trimethylbenzene	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,3,5-Trimethylbenzene	U	0.00039	0.0010	mg/l		8260B	03/20/13	1
Vinyl chloride	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Xylenes, Total	U	0.0011	0.0030	mg/l		8260B	03/20/13	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	03/20/13	1
Dibromofluoromethane	105.			% Rec.		8260B	03/20/13	1
4-Bromofluorobenzene	95.1			% Rec.		8260B	03/20/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0000076	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthylene	U	0.0000068	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)anthracene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	U	0.000016	0.000050	mg/l		8270C-S	03/20/13	1
Fluorene	U	0.0000085	0.000050	mg/l		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-03

Collected By : JF
Collection Date : 03/13/13 12:30

ESC Sample # : L625793-03

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.00011	0.000020	0.00025	mg/l	J	8270C-S	03/20/13	1
Phenanthrene	0.000018	0.0000082	0.000050	mg/l	J	8270C-S	03/20/13	1
Pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
1-Methylnaphthalene	0.00012	0.0000082	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Methylnaphthalene	0.00023	0.0000090	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	140.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	128.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	149.			% Rec.	J1	8270C-S	03/20/13	1

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REPORT OF ANALYSIS

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6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-04

Sample ID : LVBRN017-GW-04

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 11:45

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0046	0.050	mg/l		8260B	03/20/13	1
Acrolein	U	0.0089	0.050	mg/l		8260B	03/20/13	1
Acrylonitrile	U	0.0019	0.010	mg/l		8260B	03/20/13	1
Benzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Bromobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Bromodichloromethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Bromoform	U	0.00047	0.0010	mg/l		8260B	03/20/13	1
Bromomethane	U	0.00087	0.0050	mg/l		8260B	03/20/13	1
n-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
sec-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
tert-Butylbenzene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Carbon tetrachloride	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Chlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Chlorodibromomethane	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Chloroethane	U	0.00045	0.0050	mg/l		8260B	03/20/13	1
2-Chloroethyl vinyl ether	U	0.0030	0.050	mg/l		8260B	03/20/13	1
Chloroform	U	0.00032	0.0050	mg/l		8260B	03/20/13	1
Chloromethane	U	0.00028	0.0025	mg/l		8260B	03/20/13	1
2-Chlorotoluene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
4-Chlorotoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dibromo-3-Chloropropane	U	0.0013	0.0050	mg/l		8260B	03/20/13	1
1,2-Dibromoethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Dibromomethane	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichlorobenzene	U	0.00022	0.0010	mg/l		8260B	03/20/13	1
1,4-Dichlorobenzene	U	0.00027	0.0010	mg/l		8260B	03/20/13	1
Dichlorodifluoromethane	U	0.00055	0.0050	mg/l		8260B	03/20/13	1
1,1-Dichloroethane	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloroethane	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
cis-1,2-Dichloroethene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
trans-1,2-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloropropane	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloropropene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichloropropene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
cis-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
trans-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
2,2-Dichloropropane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Di-isopropyl ether	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Ethylbenzene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Hexachloro-1,3-butadiene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Isopropylbenzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-04

Sample ID : LVBRN017-GW-04

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 11:45

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
2-Butanone (MEK)	U	0.0039	0.010	mg/l		8260B	03/20/13	1
Methylene Chloride	0.0021	0.00084	0.0050	mg/l	J	8260B	03/20/13	1
4-Methyl-2-pentanone (MIBK)	U	0.0021	0.010	mg/l		8260B	03/20/13	1
Methyl tert-butyl ether	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Naphthalene	U	0.00059	0.0050	mg/l		8260B	03/20/13	1
n-Propylbenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Styrene	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1,1,2-Tetrachloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
1,1,2,2-Tetrachloroethane	U	0.00058	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichlorotrifluoroethane	U	0.00030	0.0010	mg/l		8260B	03/20/13	1
Tetrachloroethene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Toluene	U	0.00078	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichlorobenzene	U	0.00023	0.0010	mg/l	J4	8260B	03/20/13	1
1,2,4-Trichlorobenzene	U	0.00021	0.0010	mg/l	J4	8260B	03/20/13	1
1,1,1-Trichloroethane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Trichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Trichlorofluoromethane	U	0.0012	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichloropropane	U	0.00081	0.0025	mg/l		8260B	03/20/13	1
1,2,4-Trimethylbenzene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
1,2,3-Trimethylbenzene	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,3,5-Trimethylbenzene	U	0.00039	0.0010	mg/l		8260B	03/20/13	1
Vinyl chloride	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Xylenes, Total	0.0016	0.0011	0.0030	mg/l	J	8260B	03/20/13	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	03/20/13	1
Dibromofluoromethane	108.			% Rec.		8260B	03/20/13	1
4-Bromofluorobenzene	93.8			% Rec.		8260B	03/20/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0000076	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthylene	U	0.0000068	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)anthracene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	U	0.000016	0.000050	mg/l		8270C-S	03/20/13	1
Fluorene	0.000010	0.0000085	0.000050	mg/l	J	8270C-S	03/20/13	1

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD = TRRP SDL

RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-04

Collected By : JF
Collection Date : 03/13/13 11:45

ESC Sample # : L625793-04

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.00015	0.000020	0.00025	mg/l	J	8270C-S	03/20/13	1
Phenanthrene	0.000022	0.0000082	0.000050	mg/l	J	8270C-S	03/20/13	1
Pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
1-Methylnaphthalene	0.00040	0.0000082	0.00025	mg/l		8270C-S	03/20/13	1
2-Methylnaphthalene	0.00046	0.0000090	0.00025	mg/l		8270C-S	03/20/13	1
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	134.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	119.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	118.			% Rec.		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-05

Sample ID : LVBRN017-GW-05

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 14:40

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0046	0.050	mg/l		8260B	03/20/13	1
Acrolein	U	0.0089	0.050	mg/l		8260B	03/20/13	1
Acrylonitrile	U	0.0019	0.010	mg/l		8260B	03/20/13	1
Benzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Bromobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Bromodichloromethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Bromoform	U	0.00047	0.0010	mg/l		8260B	03/20/13	1
Bromomethane	U	0.00087	0.0050	mg/l		8260B	03/20/13	1
n-Butylbenzene	0.0031	0.00036	0.0010	mg/l		8260B	03/20/13	1
sec-Butylbenzene	0.0012	0.00036	0.0010	mg/l		8260B	03/20/13	1
tert-Butylbenzene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Carbon tetrachloride	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Chlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Chlorodibromomethane	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Chloroethane	U	0.00045	0.0050	mg/l		8260B	03/20/13	1
2-Chloroethyl vinyl ether	U	0.0030	0.050	mg/l		8260B	03/20/13	1
Chloroform	U	0.00032	0.0050	mg/l		8260B	03/20/13	1
Chloromethane	U	0.00028	0.0025	mg/l		8260B	03/20/13	1
2-Chlorotoluene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
4-Chlorotoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dibromo-3-Chloropropane	U	0.0013	0.0050	mg/l		8260B	03/20/13	1
1,2-Dibromoethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Dibromomethane	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichlorobenzene	U	0.00022	0.0010	mg/l		8260B	03/20/13	1
1,4-Dichlorobenzene	U	0.00027	0.0010	mg/l		8260B	03/20/13	1
Dichlorodifluoromethane	U	0.00055	0.0050	mg/l		8260B	03/20/13	1
1,1-Dichloroethane	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloroethane	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
cis-1,2-Dichloroethene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
trans-1,2-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloropropane	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloropropene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichloropropene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
cis-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
trans-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
2,2-Dichloropropane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Di-isopropyl ether	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Ethylbenzene	0.010	0.00038	0.0010	mg/l		8260B	03/20/13	1
Hexachloro-1,3-butadiene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Isopropylbenzene	0.0026	0.00033	0.0010	mg/l		8260B	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-05

Sample ID : LVBRN017-GW-05

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 14:40

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	0.0020	0.00035	0.0010	mg/l		8260B	03/20/13	1
2-Butanone (MEK)	U	0.0039	0.010	mg/l		8260B	03/20/13	1
Methylene Chloride	0.0021	0.00084	0.0050	mg/l	J	8260B	03/20/13	1
4-Methyl-2-pentanone (MIBK)	U	0.0021	0.010	mg/l		8260B	03/20/13	1
Methyl tert-butyl ether	0.0030	0.00037	0.0010	mg/l		8260B	03/20/13	1
Naphthalene	0.0074	0.00059	0.0050	mg/l		8260B	03/20/13	1
n-Propylbenzene	0.011	0.00035	0.0010	mg/l		8260B	03/20/13	1
Styrene	U	0.0031	0.0010	mg/l		8260B	03/20/13	1
1,1,1,2-Tetrachloroethane	U	0.0038	0.0010	mg/l		8260B	03/20/13	1
1,1,2,2-Tetrachloroethane	U	0.0058	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichlorotrifluoroethane	U	0.0030	0.0010	mg/l		8260B	03/20/13	1
Tetrachloroethene	U	0.0037	0.0010	mg/l		8260B	03/20/13	1
Toluene	0.00079	0.00078	0.0050	mg/l	J	8260B	03/20/13	1
1,2,3-Trichlorobenzene	U	0.0023	0.0010	mg/l	J4	8260B	03/20/13	1
1,2,4-Trichlorobenzene	U	0.0021	0.0010	mg/l	J4	8260B	03/20/13	1
1,1,1-Trichloroethane	U	0.0032	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichloroethane	U	0.0038	0.0010	mg/l		8260B	03/20/13	1
Trichloroethene	U	0.0040	0.0010	mg/l		8260B	03/20/13	1
Trichlorofluoromethane	U	0.0012	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichloropropane	U	0.0081	0.0025	mg/l		8260B	03/20/13	1
1,2,4-Trimethylbenzene	0.071	0.00037	0.0010	mg/l		8260B	03/20/13	1
1,2,3-Trimethylbenzene	0.014	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,3,5-Trimethylbenzene	0.021	0.00039	0.0010	mg/l		8260B	03/20/13	1
Vinyl chloride	U	0.0026	0.0010	mg/l		8260B	03/20/13	1
Xylenes, Total	0.048	0.0011	0.0030	mg/l		8260B	03/20/13	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	03/20/13	1
Dibromofluoromethane	105.			% Rec.		8260B	03/20/13	1
4-Bromofluorobenzene	98.1			% Rec.		8260B	03/20/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0000076	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthene	0.000021	0.0000082	0.000050	mg/l	J	8270C-S	03/20/13	1
Acenaphthylene	0.0000068	0.0000068	0.000050	mg/l	J	8270C-S	03/20/13	1
Benzo(a)anthracene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	U	0.000016	0.000050	mg/l		8270C-S	03/20/13	1
Fluorene	0.000028	0.0000085	0.000050	mg/l	J	8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-05

Collected By : JF
Collection Date : 03/13/13 14:40

ESC Sample # : L625793-05

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.00065	0.000020	0.00025	mg/l		8270C-S	03/20/13	1
Phenanthrene	0.000059	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Pyrene	0.000012	0.000012	0.000050	mg/l	J	8270C-S	03/20/13	1
1-Methylnaphthalene	0.0014	0.0000082	0.00025	mg/l		8270C-S	03/20/13	1
2-Methylnaphthalene	0.0023	0.0000090	0.00025	mg/l		8270C-S	03/20/13	1
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	146.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	123.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	110.			% Rec.		8270C-S	03/20/13	1

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McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-06

Sample ID : LVBRN017-GW-08

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/14/13 08:16

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0046	0.050	mg/l		8260B	03/20/13	1
Acrolein	U	0.0089	0.050	mg/l		8260B	03/20/13	1
Acrylonitrile	U	0.0019	0.010	mg/l		8260B	03/20/13	1
Benzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Bromobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Bromodichloromethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Bromoform	U	0.00047	0.0010	mg/l		8260B	03/20/13	1
Bromomethane	U	0.00087	0.0050	mg/l		8260B	03/20/13	1
n-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
sec-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
tert-Butylbenzene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Carbon tetrachloride	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Chlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Chlorodibromomethane	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Chloroethane	U	0.00045	0.0050	mg/l		8260B	03/20/13	1
2-Chloroethyl vinyl ether	U	0.0030	0.050	mg/l		8260B	03/20/13	1
Chloroform	U	0.00032	0.0050	mg/l		8260B	03/20/13	1
Chloromethane	U	0.00028	0.0025	mg/l		8260B	03/20/13	1
2-Chlorotoluene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
4-Chlorotoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dibromo-3-Chloropropane	U	0.0013	0.0050	mg/l		8260B	03/20/13	1
1,2-Dibromoethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Dibromomethane	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichlorobenzene	U	0.00022	0.0010	mg/l		8260B	03/20/13	1
1,4-Dichlorobenzene	U	0.00027	0.0010	mg/l		8260B	03/20/13	1
Dichlorodifluoromethane	U	0.00055	0.0050	mg/l		8260B	03/20/13	1
1,1-Dichloroethane	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloroethane	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
cis-1,2-Dichloroethene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
trans-1,2-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloropropane	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloropropene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichloropropene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
cis-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
trans-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
2,2-Dichloropropane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Di-isopropyl ether	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Ethylbenzene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Hexachloro-1,3-butadiene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Isopropylbenzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1

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RDL = Reported Detection Limit = LOQ = PQL = EQL = TRRP MQL

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-06

Sample ID : LVBRN017-GW-08

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/14/13 08:16

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
2-Butanone (MEK)	U	0.0039	0.010	mg/l		8260B	03/20/13	1
Methylene Chloride	0.0021	0.00084	0.0050	mg/l	J	8260B	03/20/13	1
4-Methyl-2-pentanone (MIBK)	U	0.0021	0.010	mg/l		8260B	03/20/13	1
Methyl tert-butyl ether	0.0035	0.00037	0.0010	mg/l		8260B	03/20/13	1
Naphthalene	U	0.00059	0.0050	mg/l		8260B	03/20/13	1
n-Propylbenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Styrene	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1,1,2-Tetrachloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
1,1,2,2-Tetrachloroethane	U	0.00058	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichlorotrifluoroethane	U	0.00030	0.0010	mg/l		8260B	03/20/13	1
Tetrachloroethene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Toluene	U	0.00078	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichlorobenzene	U	0.00023	0.0010	mg/l	J4	8260B	03/20/13	1
1,2,4-Trichlorobenzene	U	0.00021	0.0010	mg/l	J4	8260B	03/20/13	1
1,1,1-Trichloroethane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Trichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Trichlorofluoromethane	U	0.0012	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichloropropane	U	0.00081	0.0025	mg/l		8260B	03/20/13	1
1,2,4-Trimethylbenzene	0.00057	0.00037	0.0010	mg/l	J	8260B	03/20/13	1
1,2,3-Trimethylbenzene	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,3,5-Trimethylbenzene	U	0.00039	0.0010	mg/l		8260B	03/20/13	1
Vinyl chloride	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Xylenes, Total	U	0.0011	0.0030	mg/l		8260B	03/20/13	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	1
Dibromofluoromethane	106.			% Rec.		8260B	03/20/13	1
4-Bromofluorobenzene	97.1			% Rec.		8260B	03/20/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0000076	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthylene	U	0.0000068	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)anthracene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	U	0.000016	0.000050	mg/l		8270C-S	03/20/13	1
Fluorene	0.00012	0.0000085	0.000050	mg/l		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-08

Collected By : JF
Collection Date : 03/14/13 08:16

ESC Sample # : L625793-06

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.00036	0.000020	0.00025	mg/l		8270C-S	03/20/13	1
Phenanthrene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
1-Methylnaphthalene	0.000059	0.0000082	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Methylnaphthalene	0.000086	0.0000090	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	131.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	113.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	112.			% Rec.		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-07

Sample ID : LVBRN017-GW-09

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 15:50

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	0.0046	0.050	mg/l		8260B	03/20/13	1
Acrolein	U	0.0089	0.050	mg/l		8260B	03/20/13	1
Acrylonitrile	U	0.0019	0.010	mg/l		8260B	03/20/13	1
Benzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Bromobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Bromodichloromethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Bromoform	U	0.00047	0.0010	mg/l		8260B	03/20/13	1
Bromomethane	U	0.00087	0.0050	mg/l		8260B	03/20/13	1
n-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
sec-Butylbenzene	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
tert-Butylbenzene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Carbon tetrachloride	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Chlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Chlorodibromomethane	U	0.00033	0.0010	mg/l		8260B	03/20/13	1
Chloroethane	U	0.00045	0.0050	mg/l		8260B	03/20/13	1
2-Chloroethyl vinyl ether	U	0.0030	0.050	mg/l		8260B	03/20/13	1
Chloroform	U	0.00032	0.0050	mg/l		8260B	03/20/13	1
Chloromethane	U	0.00028	0.0025	mg/l		8260B	03/20/13	1
2-Chlorotoluene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
4-Chlorotoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dibromo-3-Chloropropane	U	0.0013	0.0050	mg/l		8260B	03/20/13	1
1,2-Dibromoethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Dibromomethane	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichlorobenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichlorobenzene	U	0.00022	0.0010	mg/l		8260B	03/20/13	1
1,4-Dichlorobenzene	U	0.00027	0.0010	mg/l		8260B	03/20/13	1
Dichlorodifluoromethane	U	0.00055	0.0050	mg/l		8260B	03/20/13	1
1,1-Dichloroethane	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloroethane	U	0.00036	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
cis-1,2-Dichloroethene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
trans-1,2-Dichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
1,2-Dichloropropane	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1-Dichloropropene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
1,3-Dichloropropene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
cis-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
trans-1,3-Dichloropropene	U	0.00042	0.0010	mg/l		8260B	03/20/13	1
2,2-Dichloropropane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Di-isopropyl ether	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
Ethylbenzene	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Hexachloro-1,3-butadiene	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Isopropylbenzene	U	0.00033	0.0010	mg/l		8260B	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegas, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

ESC Sample # : L625793-07

Sample ID : LVBRN017-GW-09

Site ID : LVBRN017

Collected By : JF
Collection Date : 03/13/13 15:50

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
2-Butanone (MEK)	U	0.0039	0.010	mg/l		8260B	03/20/13	1
Methylene Chloride	0.0020	0.00084	0.0050	mg/l	J	8260B	03/20/13	1
4-Methyl-2-pentanone (MIBK)	U	0.0021	0.010	mg/l		8260B	03/20/13	1
Methyl tert-butyl ether	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Naphthalene	U	0.00059	0.0050	mg/l		8260B	03/20/13	1
n-Propylbenzene	U	0.00035	0.0010	mg/l		8260B	03/20/13	1
Styrene	U	0.00031	0.0010	mg/l		8260B	03/20/13	1
1,1,1,2-Tetrachloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
1,1,2,2-Tetrachloroethane	U	0.00058	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichlorotrifluoroethane	U	0.00030	0.0010	mg/l		8260B	03/20/13	1
Tetrachloroethene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
Toluene	U	0.00078	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichlorobenzene	U	0.00023	0.0010	mg/l	J4	8260B	03/20/13	1
1,2,4-Trichlorobenzene	U	0.00021	0.0010	mg/l	J4	8260B	03/20/13	1
1,1,1-Trichloroethane	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,1,2-Trichloroethane	U	0.00038	0.0010	mg/l		8260B	03/20/13	1
Trichloroethene	U	0.00040	0.0010	mg/l		8260B	03/20/13	1
Trichlorofluoromethane	U	0.0012	0.0050	mg/l		8260B	03/20/13	1
1,2,3-Trichloropropane	U	0.00081	0.0025	mg/l		8260B	03/20/13	1
1,2,4-Trimethylbenzene	U	0.00037	0.0010	mg/l		8260B	03/20/13	1
1,2,3-Trimethylbenzene	U	0.00032	0.0010	mg/l		8260B	03/20/13	1
1,3,5-Trimethylbenzene	U	0.00039	0.0010	mg/l		8260B	03/20/13	1
Vinyl chloride	U	0.00026	0.0010	mg/l		8260B	03/20/13	1
Xylenes, Total	U	0.0011	0.0030	mg/l		8260B	03/20/13	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	03/20/13	1
Dibromofluoromethane	106.			% Rec.		8260B	03/20/13	1
4-Bromofluorobenzene	97.2			% Rec.		8260B	03/20/13	1
Polynuclear Aromatic Hydrocarbons								
Anthracene	U	0.0000076	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Acenaphthylene	U	0.0000068	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)anthracene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(a)pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(b)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(g,h,i)perylene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Benzo(k)fluoranthene	U	0.000014	0.000050	mg/l		8270C-S	03/20/13	1
Chrysene	U	0.000011	0.000050	mg/l		8270C-S	03/20/13	1
Dibenz(a,h)anthracene	U	0.0000040	0.000050	mg/l		8270C-S	03/20/13	1
Fluoranthene	U	0.000016	0.000050	mg/l		8270C-S	03/20/13	1
Fluorene	U	0.0000085	0.000050	mg/l		8270C-S	03/20/13	1

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REPORT OF ANALYSIS

Brett Bottenberg
McGinley and Assoc.- Las Vegs, NV
6280 S Valley View Blvd, Suite 604
Las Vegas, NV 89118

March 25, 2013

Date Received : March 19, 2013
Description : 7-Acre

Sample ID : LVBRN017-GW-09

Collected By : JF
Collection Date : 03/13/13 15:50

ESC Sample # : L625793-07

Site ID : LVBRN017

Project # : LVBRN017

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Indeno(1,2,3-cd)pyrene	U	0.000015	0.000050	mg/l		8270C-S	03/20/13	1
Naphthalene	0.00012	0.000020	0.00025	mg/l	J	8270C-S	03/20/13	1
Phenanthrene	U	0.0000082	0.000050	mg/l		8270C-S	03/20/13	1
Pyrene	U	0.000012	0.000050	mg/l		8270C-S	03/20/13	1
1-Methylnaphthalene	0.00011	0.0000082	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Methylnaphthalene	0.00016	0.0000090	0.00025	mg/l	J	8270C-S	03/20/13	1
2-Chloronaphthalene	U	0.0000065	0.00025	mg/l		8270C-S	03/20/13	1
Surrogate Recovery								
Nitrobenzene-d5	134.			% Rec.		8270C-S	03/20/13	1
2-Fluorobiphenyl	124.			% Rec.		8270C-S	03/20/13	1
p-Terphenyl-d14	123.			% Rec.		8270C-S	03/20/13	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L625793-01	WG651859	SAMP	Benzo(a)anthracene	R2591344	J
	WG651859	SAMP	Benzo(g,h,i)perylene	R2591344	J
	WG651859	SAMP	Phenanthrene	R2591344	J
	WG651859	SAMP	Pyrene	R2591344	J
	WG651859	SAMP	1-Methylnaphthalene	R2591344	J
	WG651830	SAMP	Acetone	R2588457	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651859	SAMP	Anthracene	R2591344	J
L625793-02	WG651859	SAMP	Benzo(a)anthracene	R2591344	J
	WG651859	SAMP	Fluoranthene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651859	SAMP	Naphthalene	R2591344	J
	WG651859	SAMP	Phenanthrene	R2591344	J
	WG651859	SAMP	1-Methylnaphthalene	R2591344	J
	WG651859	SAMP	2-Methylnaphthalene	R2591344	J
	WG651859	SAMP	p-Terphenyl-d14	R2591344	J1
L625793-03	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	Naphthalene	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trimethylbenzene	R2588457	J
	WG651859	SAMP	Fluorene	R2591344	J
	WG651859	SAMP	Naphthalene	R2591344	J
	WG651859	SAMP	Phenanthrene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
L625793-04	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trimethylbenzene	R2588457	J
	WG651859	SAMP	Fluorene	R2591344	J
	WG651859	SAMP	Naphthalene	R2591344	J
	WG651859	SAMP	Phenanthrene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	Xylenes, Total	R2588457	J
	WG651859	SAMP	Acenaphthene	R2591344	J
L625793-05	WG651859	SAMP	Acenaphthylene	R2591344	J
	WG651859	SAMP	Fluorene	R2591344	J
	WG651859	SAMP	Pyrene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	Toluene	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651859	SAMP	1-Methylnaphthalene	R2591344	J
	WG651859	SAMP	2-Methylnaphthalene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
L625793-06	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trimethylbenzene	R2588457	J
	WG651859	SAMP	Naphthalene	R2591344	J
	WG651859	SAMP	1-Methylnaphthalene	R2591344	J
	WG651859	SAMP	2-Methylnaphthalene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trimethylbenzene	R2588457	J
L625793-07	WG651859	SAMP	Naphthalene	R2591344	J
	WG651859	SAMP	1-Methylnaphthalene	R2591344	J
	WG651859	SAMP	2-Methylnaphthalene	R2591344	J
	WG651830	SAMP	Methylene Chloride	R2588457	J
	WG651830	SAMP	1,2,3-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trichlorobenzene	R2588457	J4
	WG651830	SAMP	1,2,4-Trimethylbenzene	R2588457	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
03/25/13 at 10:31:21

TSR Signing Reports: 358

Accounting - new account- verify billing info- 5k CL

Sample: L625793-01 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30

Sample: L625793-02 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30

Sample: L625793-03 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30

Sample: L625793-04 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30

Sample: L625793-05 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30

Sample: L625793-06 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30

Sample: L625793-07 Account: MCGINLVNV Received: 03/19/13 09:00 Due Date: 03/26/13 00:00 RPT Date: 03/25/13 10:30



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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

March 25, 2013

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,1,1-Trichloroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,1,2-Trichloroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,1,2-Trichlorotrifluoroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,1-Dichloroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,1-Dichloroethene	< .001	mg/l			WG651830	03/20/13 04:14
1,1-Dichloropropene	< .001	mg/l			WG651830	03/20/13 04:14
1,2,3-Trichlorobenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,2,3-Trichloropropane	< .001	mg/l			WG651830	03/20/13 04:14
1,2,3-Trimethylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,2,4-Trichlorobenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,2,4-Trimethylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG651830	03/20/13 04:14
1,2-Dibromoethane	< .001	mg/l			WG651830	03/20/13 04:14
1,2-Dichlorobenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,2-Dichloroethane	< .001	mg/l			WG651830	03/20/13 04:14
1,2-Dichloropropane	< .001	mg/l			WG651830	03/20/13 04:14
1,3,5-Trimethylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,3-Dichlorobenzene	< .001	mg/l			WG651830	03/20/13 04:14
1,3-Dichloropropane	< .001	mg/l			WG651830	03/20/13 04:14
1,4-Dichlorobenzene	< .001	mg/l			WG651830	03/20/13 04:14
2,2-Dichloropropane	< .001	mg/l			WG651830	03/20/13 04:14
2-Butanone (MEK)	< .01	mg/l			WG651830	03/20/13 04:14
2-Chloroethyl vinyl ether	< .05	mg/l			WG651830	03/20/13 04:14
2-Chlorotoluene	< .001	mg/l			WG651830	03/20/13 04:14
4-Chlorotoluene	< .001	mg/l			WG651830	03/20/13 04:14
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG651830	03/20/13 04:14
Acetone	< .05	mg/l			WG651830	03/20/13 04:14
Acrolein	< .025	mg/l			WG651830	03/20/13 04:14
Acrylonitrile	< .01	mg/l			WG651830	03/20/13 04:14
Benzene	< .001	mg/l			WG651830	03/20/13 04:14
Bromobenzene	< .001	mg/l			WG651830	03/20/13 04:14
Bromodichloromethane	< .001	mg/l			WG651830	03/20/13 04:14
Bromoform	< .001	mg/l			WG651830	03/20/13 04:14
Bromomethane	< .005	mg/l			WG651830	03/20/13 04:14
Carbon tetrachloride	< .001	mg/l			WG651830	03/20/13 04:14
Chlorobenzene	< .001	mg/l			WG651830	03/20/13 04:14
Chlorodibromomethane	< .001	mg/l			WG651830	03/20/13 04:14
Chloroethane	< .005	mg/l			WG651830	03/20/13 04:14
Chloroform	< .005	mg/l			WG651830	03/20/13 04:14
Chloromethane	< .0025	mg/l			WG651830	03/20/13 04:14
cis-1,2-Dichloroethene	< .001	mg/l			WG651830	03/20/13 04:14
cis-1,3-Dichloropropene	< .001	mg/l			WG651830	03/20/13 04:14
Di-isopropyl ether	< .001	mg/l			WG651830	03/20/13 04:14
Dibromomethane	< .001	mg/l			WG651830	03/20/13 04:14
Dichlorodifluoromethane	< .005	mg/l			WG651830	03/20/13 04:14
Ethylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
Hexachloro-1,3-butadiene	< .001	mg/l			WG651830	03/20/13 04:14
Isopropylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
Methyl tert-butyl ether	< .001	mg/l			WG651830	03/20/13 04:14
Methylene Chloride	< .005	mg/l			WG651830	03/20/13 04:14
n-Butylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
n-Propylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
Naphthalene	< .005	mg/l			WG651830	03/20/13 04:14
p-Isopropyltoluene	< .001	mg/l			WG651830	03/20/13 04:14
sec-Butylbenzene	< .001	mg/l			WG651830	03/20/13 04:14
Styrene	< .001	mg/l			WG651830	03/20/13 04:14
tert-Butylbenzene	< .001	mg/l			WG651830	03/20/13 04:14

* Performance of this Analyte is outside of established criteria.

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Tax I.D. 62-0814289

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March 25, 2013

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Tetrachloroethene	< .001	mg/l			WG651830	03/20/13 04:14
Toluene	< .005	mg/l			WG651830	03/20/13 04:14
trans-1,2-Dichloroethene	< .001	mg/l			WG651830	03/20/13 04:14
trans-1,3-Dichloropropene	< .001	mg/l			WG651830	03/20/13 04:14
Trichloroethene	< .001	mg/l			WG651830	03/20/13 04:14
Trichlorofluoromethane	< .005	mg/l			WG651830	03/20/13 04:14
Vinyl chloride	< .001	mg/l			WG651830	03/20/13 04:14
Xylenes, Total	< .003	mg/l			WG651830	03/20/13 04:14
4-Bromofluorobenzene		% Rec.	97.03	82-120	WG651830	03/20/13 04:14
Dibromofluoromethane		% Rec.	104.7	82-126	WG651830	03/20/13 04:14
Toluene-d8		% Rec.	102.1	92-112	WG651830	03/20/13 04:14
1-Methylnaphthalene	< .00025	mg/l			WG651859	03/20/13 11:54
2-Chloronaphthalene	< .00005	mg/l			WG651859	03/20/13 11:54
2-Methylnaphthalene	< .00025	mg/l			WG651859	03/20/13 11:54
Acenaphthene	< .00005	mg/l			WG651859	03/20/13 11:54
Acenaphthylene	< .00005	mg/l			WG651859	03/20/13 11:54
Anthracene	< .00005	mg/l			WG651859	03/20/13 11:54
Benzo(a)anthracene	< .00005	mg/l			WG651859	03/20/13 11:54
Benzo(a)pyrene	< .00005	mg/l			WG651859	03/20/13 11:54
Benzo(b)fluoranthene	< .00005	mg/l			WG651859	03/20/13 11:54
Benzo(g,h,i)perylene	< .00005	mg/l			WG651859	03/20/13 11:54
Benzo(k)fluoranthene	< .00005	mg/l			WG651859	03/20/13 11:54
Chrysene	< .00005	mg/l			WG651859	03/20/13 11:54
Dibenz(a,h)anthracene	< .00005	mg/l			WG651859	03/20/13 11:54
Fluoranthene	< .00005	mg/l			WG651859	03/20/13 11:54
Fluorene	< .00005	mg/l			WG651859	03/20/13 11:54
Indeno(1,2,3-cd)pyrene	< .00005	mg/l			WG651859	03/20/13 11:54
Naphthalene	< .00025	mg/l			WG651859	03/20/13 11:54
Phenanthrene	< .00005	mg/l			WG651859	03/20/13 11:54
Pyrene	< .00005	mg/l			WG651859	03/20/13 11:54
2-Fluorobiphenyl		% Rec.	121.0	64.4-143	WG651859	03/20/13 11:54
Nitrobenzene-d5		% Rec.	140.0	61.3-162	WG651859	03/20/13 11:54
p-Terphenyl-d14		% Rec.	124.0	55.3-145	WG651859	03/20/13 11:54

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0220	88.0	77-128	WG651830
1,1,1-Trichloroethane	mg/l	.025	0.0252	101.	71-126	WG651830
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0219	87.7	78-130	WG651830
1,1,2-Trichloroethane	mg/l	.025	0.0220	87.8	81-121	WG651830
1,1,2-Trichlorotrifluoroethane	mg/l	.025	0.0248	99.3	53-143	WG651830
1,1-Dichloroethane	mg/l	.025	0.0256	103.	73-123	WG651830
1,1-Dichloroethene	mg/l	.025	0.0251	100.	54-134	WG651830
1,1-Dichloropropene	mg/l	.025	0.0257	103.	67-127	WG651830
1,2,3-Trichlorobenzene	mg/l	.025	0.0177	70.7*	77-130	WG651830
1,2,3-Trichloropropane	mg/l	.025	0.0209	83.7	68-130	WG651830
1,2,3-Trimethylbenzene	mg/l	.025	0.0242	96.7	77-126	WG651830
1,2,4-Trichlorobenzene	mg/l	.025	0.0187	75.0*	76-127	WG651830
1,2,4-Trimethylbenzene	mg/l	.025	0.0222	89.0	77-129	WG651830
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0213	85.1	55-142	WG651830
1,2-Dibromoethane	mg/l	.025	0.0220	87.8	78-124	WG651830
1,2-Dichlorobenzene	mg/l	.025	0.0231	92.5	82-121	WG651830
1,2-Dichloroethane	mg/l	.025	0.0256	102.	69-128	WG651830
1,2-Dichloropropane	mg/l	.025	0.0247	98.7	77-121	WG651830
1,3,5-Trimethylbenzene	mg/l	.025	0.0224	89.5	78-127	WG651830
1,3-Dichlorobenzene	mg/l	.025	0.0211	84.3	77-127	WG651830

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Est. 1970

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,3-Dichloropropane	mg/l	.025	0.0223	89.0	78-117	WG651830
1,4-Dichlorobenzene	mg/l	.025	0.0240	96.1	79-117	WG651830
2,2-Dichloropropane	mg/l	.025	0.0259	104.	63-130	WG651830
2-Butanone (MEK)	mg/l	.125	0.123	98.2	58-144	WG651830
2-Chloroethyl vinyl ether	mg/l	.125	0.124	99.3	26-172	WG651830
2-Chlorotoluene	mg/l	.025	0.0208	83.2	78-123	WG651830
4-Chlorotoluene	mg/l	.025	0.0226	90.6	78-122	WG651830
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.126	101.	58-147	WG651830
Acetone	mg/l	.125	0.127	102.	49-153	WG651830
Acrolein	mg/l	.125	0.0730	58.4	10-181	WG651830
Acrylonitrile	mg/l	.125	0.132	106.	53-153	WG651830
Benzene	mg/l	.025	0.0247	98.8	72-119	WG651830
Bromobenzene	mg/l	.025	0.0222	88.7	76-121	WG651830
Bromodichloromethane	mg/l	.025	0.0247	98.7	75-127	WG651830
Bromoform	mg/l	.025	0.0213	85.3	61-136	WG651830
Bromomethane	mg/l	.025	0.0254	102.	42-172	WG651830
Carbon tetrachloride	mg/l	.025	0.0254	102.	63-129	WG651830
Chlorobenzene	mg/l	.025	0.0225	90.2	78-123	WG651830
Chlorodibromomethane	mg/l	.025	0.0223	89.1	73-128	WG651830
Chloroethane	mg/l	.025	0.0264	106.	52-164	WG651830
Chloroform	mg/l	.025	0.0250	100.	76-122	WG651830
Chloromethane	mg/l	.025	0.0251	100.	50-141	WG651830
cis-1,2-Dichloroethene	mg/l	.025	0.0241	96.5	75-121	WG651830
cis-1,3-Dichloropropene	mg/l	.025	0.0249	99.8	74-124	WG651830
Di-isopropyl ether	mg/l	.025	0.0265	106.	66-129	WG651830
Dibromomethane	mg/l	.025	0.0239	95.4	77-124	WG651830
Dichlorodifluoromethane	mg/l	.025	0.0234	93.7	33-173	WG651830
Ethylbenzene	mg/l	.025	0.0230	91.9	77-124	WG651830
Hexachloro-1,3-butadiene	mg/l	.025	0.0189	75.6	71-134	WG651830
Isopropylbenzene	mg/l	.025	0.0232	92.7	74-126	WG651830
Methyl tert-butyl ether	mg/l	.025	0.0243	97.2	67-127	WG651830
Methylene Chloride	mg/l	.025	0.0245	98.2	67-122	WG651830
n-Butylbenzene	mg/l	.025	0.0258	103.	74-130	WG651830
n-Propylbenzene	mg/l	.025	0.0234	93.4	77-125	WG651830
Naphthalene	mg/l	.025	0.0189	75.7	70-134	WG651830
p-Isopropyltoluene	mg/l	.025	0.0224	89.6	77-132	WG651830
sec-Butylbenzene	mg/l	.025	0.0226	90.6	77-130	WG651830
Styrene	mg/l	.025	0.0228	91.3	69-145	WG651830
tert-Butylbenzene	mg/l	.025	0.0224	89.6	76-131	WG651830
Tetrachloroethene	mg/l	.025	0.0224	89.8	69-131	WG651830
Toluene	mg/l	.025	0.0234	93.6	75-114	WG651830
trans-1,2-Dichloroethene	mg/l	.025	0.0251	100.	63-127	WG651830
trans-1,3-Dichloropropene	mg/l	.025	0.0230	92.1	69-124	WG651830
Trichloroethene	mg/l	.025	0.0230	92.1	69-131	WG651830
Trichlorofluoromethane	mg/l	.025	0.0253	101.	53-161	WG651830
Vinyl chloride	mg/l	.025	0.0261	104.	55-142	WG651830
Xylenes, Total	mg/l	.075	0.0696	92.9	77-123	WG651830
4-Bromofluorobenzene				95.16	82-120	WG651830
Dibromofluoromethane				104.8	82-126	WG651830
Toluene-d8				105.9	92-112	WG651830
1-Methylnaphthalene	mg/l	.002	0.00248	124.	71.2-137	WG651859
2-Chloronaphthalene	mg/l	.002	0.00226	113.	81.1-129	WG651859
2-Methylnaphthalene	mg/l	.002	0.00246	123.	69.8-134	WG651859
Acenaphthene	mg/l	.002	0.00234	117.	80.8-128	WG651859
Acenaphthylene	mg/l	.002	0.00242	121.	77.2-132	WG651859
Anthracene	mg/l	.002	0.00243	121.	78.4-136	WG651859
Benzo(a)anthracene	mg/l	.002	0.00264	132.	69.2-141	WG651859

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Benzo(a)pyrene	mg/l	.002	0.00239	120.	71.1-135	WG651859
Benzo(b)fluoranthene	mg/l	.002	0.00221	110.	69.5-140	WG651859
Benzo(g,h,i)perylene	mg/l	.002	0.00226	113.	64.6-138	WG651859
Benzo(k)fluoranthene	mg/l	.002	0.00223	111.	69.3-144	WG651859
Chrysene	mg/l	.002	0.00215	108.	75.6-138	WG651859
Dibenz(a,h)anthracene	mg/l	.002	0.00229	115.	64.1-139	WG651859
Fluoranthene	mg/l	.002	0.00238	119.	78.6-135	WG651859
Fluorene	mg/l	.002	0.00231	116.	78.3-131	WG651859
Indeno(1,2,3-cd)pyrene	mg/l	.002	0.00240	120.	64.8-140	WG651859
Naphthalene	mg/l	.002	0.00223	111.	80.2-126	WG651859
Phenanthrene	mg/l	.002	0.00224	112.	79.6-130	WG651859
Pyrene	mg/l	.002	0.00233	117.	76.6-134	WG651859
2-Fluorobiphenyl				124.0	64.4-143	WG651859
Nitrobenzene-d5				138.0	61.3-162	WG651859
p-Terphenyl-d14				120.0	55.3-145	WG651859

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/l	0.0213	0.0220	85.0	77-128	3.07	20	WG651830
1,1,1-Trichloroethane	mg/l	0.0246	0.0252	98.0	71-126	2.32	20	WG651830
1,1,2,2-Tetrachloroethane	mg/l	0.0213	0.0219	85.0	78-130	3.14	20	WG651830
1,1,2-Trichloroethane	mg/l	0.0208	0.0220	83.0	81-121	5.57	20	WG651830
1,1,2-Trichlorotrifluoroethane	mg/l	0.0239	0.0248	96.0	53-143	3.81	20	WG651830
1,1-Dichloroethane	mg/l	0.0248	0.0256	99.0	73-123	3.16	20	WG651830
1,1-Dichloroethene	mg/l	0.0243	0.0251	97.0	54-134	2.99	20	WG651830
1,1-Dichloropropene	mg/l	0.0239	0.0257	96.0	67-127	7.11	20	WG651830
1,2,3-Trichlorobenzene	mg/l	0.0191	0.0177	76*	77-130	7.53	20	WG651830
1,2,3-Trichloropropane	mg/l	0.0205	0.0209	82.0	68-130	2.21	20	WG651830
1,2,3-Trimethylbenzene	mg/l	0.0228	0.0242	91.0	77-126	5.97	20	WG651830
1,2,4-Trichlorobenzene	mg/l	0.0200	0.0187	80.0	76-127	6.55	20	WG651830
1,2,4-Trimethylbenzene	mg/l	0.0215	0.0222	86.0	77-129	3.26	20	WG651830
1,2-Dibromo-3-Chloropropane	mg/l	0.0228	0.0213	91.0	55-142	7.10	20	WG651830
1,2-Dibromoethane	mg/l	0.0212	0.0220	85.0	78-124	3.50	20	WG651830
1,2-Dichlorobenzene	mg/l	0.0222	0.0231	89.0	82-121	4.03	20	WG651830
1,2-Dichloroethane	mg/l	0.0246	0.0256	98.0	69-128	4.01	20	WG651830
1,2-Dichloropropane	mg/l	0.0231	0.0247	92.0	77-121	6.69	20	WG651830
1,3,5-Trimethylbenzene	mg/l	0.0212	0.0224	85.0	78-127	5.51	20	WG651830
1,3-Dichlorobenzene	mg/l	0.0206	0.0211	82.0	77-127	2.33	20	WG651830
1,3-Dichloropropane	mg/l	0.0213	0.0223	85.0	78-117	4.52	20	WG651830
1,4-Dichlorobenzene	mg/l	0.0224	0.0240	89.0	79-117	7.17	20	WG651830
2,2-Dichloropropane	mg/l	0.0249	0.0259	100.	63-130	3.89	20	WG651830
2-Butanone (MEK)	mg/l	0.124	0.123	99.0	58-144	0.950	20	WG651830
2-Chloroethyl vinyl ether	mg/l	0.117	0.124	94.0	26-172	5.57	22	WG651830
2-Chlorotoluene	mg/l	0.0228	0.0208	91.0	78-123	9.02	20	WG651830
4-Chlorotoluene	mg/l	0.0215	0.0226	86.0	78-122	5.40	20	WG651830
4-Methyl-2-pentanone (MIBK)	mg/l	0.124	0.126	99.0	58-147	1.74	20	WG651830
Acetone	mg/l	0.138	0.127	110.	49-153	8.00	21	WG651830
Acrolein	mg/l	0.0743	0.0730	59.0	10-181	1.68	30	WG651830
Acrylonitrile	mg/l	0.129	0.132	103.	53-153	2.26	20	WG651830
Benzene	mg/l	0.0236	0.0247	94.0	72-119	4.73	20	WG651830
Bromobenzene	mg/l	0.0209	0.0222	84.0	76-121	5.79	20	WG651830
Bromodichloromethane	mg/l	0.0233	0.0247	93.0	75-127	5.88	20	WG651830
Bromoform	mg/l	0.0212	0.0213	85.0	61-136	0.430	20	WG651830
Bromomethane	mg/l	0.0238	0.0254	95.0	42-172	6.52	20	WG651830
Carbon tetrachloride	mg/l	0.0240	0.0254	96.0	63-129	5.80	20	WG651830
Chlorobenzene	mg/l	0.0207	0.0225	83.0	78-123	8.34	20	WG651830
Chlorodibromomethane	mg/l	0.0213	0.0223	85.0	73-128	4.58	20	WG651830
Chloroethane	mg/l	0.0247	0.0264	99.0	52-164	7.01	20	WG651830

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Quality Assurance Report
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Tax I.D. 62-0814289

Est. 1970

March 25, 2013

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Chloroform	mg/l	0.0241	0.0250	96.0	76-122	3.81	20	WG651830
Chloromethane	mg/l	0.0239	0.0251	96.0	50-141	4.92	20	WG651830
cis-1,2-Dichloroethene	mg/l	0.0234	0.0241	94.0	75-121	3.05	20	WG651830
cis-1,3-Dichloropropene	mg/l	0.0233	0.0249	93.0	74-124	6.65	20	WG651830
Di-isopropyl ether	mg/l	0.0254	0.0265	102.	66-129	4.27	20	WG651830
Dibromomethane	mg/l	0.0229	0.0239	92.0	77-124	3.90	20	WG651830
Dichlorodifluoromethane	mg/l	0.0220	0.0234	88.0	33-173	6.37	20	WG651830
Ethylbenzene	mg/l	0.0214	0.0230	85.0	77-124	7.32	20	WG651830
Hexachloro-1,3-butadiene	mg/l	0.0205	0.0189	82.0	71-134	7.96	20	WG651830
Isopropylbenzene	mg/l	0.0214	0.0232	86.0	74-126	8.06	20	WG651830
Methyl tert-butyl ether	mg/l	0.0240	0.0243	96.0	67-127	1.16	20	WG651830
Methylene Chloride	mg/l	0.0237	0.0245	95.0	67-122	3.46	20	WG651830
n-Butylbenzene	mg/l	0.0242	0.0258	97.0	74-130	6.26	20	WG651830
n-Propylbenzene	mg/l	0.0217	0.0234	87.0	77-125	7.19	20	WG651830
Naphthalene	mg/l	0.0207	0.0189	83.0	70-134	9.17	20	WG651830
p-Isopropyltoluene	mg/l	0.0215	0.0224	86.0	77-132	4.03	20	WG651830
sec-Butylbenzene	mg/l	0.0213	0.0226	85.0	77-130	6.19	20	WG651830
Styrene	mg/l	0.0215	0.0228	86.0	69-145	5.96	20	WG651830
tert-Butylbenzene	mg/l	0.0212	0.0224	85.0	76-131	5.58	20	WG651830
Tetrachloroethene	mg/l	0.0209	0.0224	84.0	69-131	7.23	20	WG651830
Toluene	mg/l	0.0220	0.0234	88.0	75-114	6.32	20	WG651830
trans-1,2-Dichloroethene	mg/l	0.0231	0.0251	92.0	63-127	8.34	20	WG651830
trans-1,3-Dichloropropene	mg/l	0.0221	0.0230	88.0	69-124	4.16	20	WG651830
Trichloroethene	mg/l	0.0217	0.0230	87.0	69-131	5.71	20	WG651830
Trichlorofluoromethane	mg/l	0.0241	0.0253	96.0	53-161	4.78	20	WG651830
Vinyl chloride	mg/l	0.0254	0.0261	102.	55-142	2.49	20	WG651830
Xylenes, Total	mg/l	0.0644	0.0696	86.0	77-123	7.83	20	WG651830
4-Bromofluorobenzene				94.18	82-120			WG651830
Dibromofluoromethane				107.5	82-126			WG651830
Toluene-d8				103.6	92-112			WG651830
1-Methylnaphthalene	mg/l	0.00224	0.00248	112.	71.2-137	10.1	20	WG651859
2-Chloronaphthalene	mg/l	0.00205	0.00226	102.	81.1-129	9.57	20	WG651859
2-Methylnaphthalene	mg/l	0.00228	0.00246	114.	69.8-134	7.96	20	WG651859
Acenaphthene	mg/l	0.00215	0.00234	108.	80.8-128	8.38	20	WG651859
Acenaphthylene	mg/l	0.00223	0.00242	111.	77.2-132	8.03	20	WG651859
Anthracene	mg/l	0.00230	0.00243	115.	78.4-136	5.44	20	WG651859
Benzo(a)anthracene	mg/l	0.00246	0.00264	123.	69.2-141	6.79	20	WG651859
Benzo(a)pyrene	mg/l	0.00216	0.00239	108.	71.1-135	10.4	20	WG651859
Benzo(b)fluoranthene	mg/l	0.00231	0.00221	116.	69.5-140	4.53	20	WG651859
Benzo(g,h,i)perylene	mg/l	0.00217	0.00226	109.	64.6-138	4.14	20	WG651859
Benzo(k)fluoranthene	mg/l	0.00195	0.00223	98.0	69.3-144	13.1	20	WG651859
Chrysene	mg/l	0.00204	0.00215	102.	75.6-138	5.36	20	WG651859
Dibenz(a,h)anthracene	mg/l	0.00224	0.00229	112.	64.1-139	2.26	20	WG651859
Fluoranthene	mg/l	0.00229	0.00238	114.	78.6-135	4.20	20	WG651859
Fluorene	mg/l	0.00218	0.00231	109.	78.3-131	5.64	20	WG651859
Indeno(1,2,3-cd)pyrene	mg/l	0.00230	0.00240	115.	64.8-140	3.98	20	WG651859
Naphthalene	mg/l	0.00206	0.00223	103.	80.2-126	7.88	20	WG651859
Phenanthrene	mg/l	0.00211	0.00224	105.	79.6-130	6.19	20	WG651859
Pyrene	mg/l	0.00209	0.00233	105.	76.6-134	10.8	20	WG651859
2-Fluorobiphenyl				119.0	64.4-143			WG651859
Nitrobenzene-d5				134.0	61.3-162			WG651859
p-Terphenyl-d14				109.0	55.3-145			WG651859

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,1,1,2-Tetrachloroethane	mg/l	0.0179	0	.025	71.7	71-130	L625700-01	WG651830
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Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,1,1-Trichloroethane	mg/l	0.0205	0	.025	82.1	58-137	L625700-01	WG651830
1,1,2,2-Tetrachloroethane	mg/l	0.0192	0	.025	76.7	64-149	L625700-01	WG651830
1,1,2-Trichloroethane	mg/l	0.0180	0	.025	71.9*	73-128	L625700-01	WG651830
1,1,2-Trichlorotrifluoroethane	mg/l	0.0199	0	.025	79.6	36-159	L625700-01	WG651830
1,1-Dichloroethane	mg/l	0.0211	0	.025	84.4	58-133	L625700-01	WG651830
1,1-Dichloroethene	mg/l	0.0199	0	.025	79.8	32-152	L625700-01	WG651830
1,1-Dichloropropene	mg/l	0.0203	0	.025	81.4	50-140	L625700-01	WG651830
1,2,3-Trichlorobenzene	mg/l	0.0183	0	.025	73.2	68-135	L625700-01	WG651830
1,2,3-Trichloropropane	mg/l	0.0178	0	.025	71.2*	74-137	L625700-01	WG651830
1,2,3-Trimethylbenzene	mg/l	0.0195	0	.025	77.8	67-133	L625700-01	WG651830
1,2,4-Trichlorobenzene	mg/l	0.0187	0	.025	74.6	67-133	L625700-01	WG651830
1,2,4-Trimethylbenzene	mg/l	0.0183	0	.025	73.2	62-141	L625700-01	WG651830
1,2-Dibromo-3-Chloropropane	mg/l	0.0210	0	.025	83.9	55-148	L625700-01	WG651830
1,2-Dibromoethane	mg/l	0.0184	0	.025	73.4	71-129	L625700-01	WG651830
1,2-Dichlorobenzene	mg/l	0.0195	0	.025	77.9	75-125	L625700-01	WG651830
1,2-Dichloroethane	mg/l	0.0217	0	.025	86.7	59-135	L625700-01	WG651830
1,2-Dichloropropane	mg/l	0.0201	0	.025	80.2	68-126	L625700-01	WG651830
1,3,5-Trimethylbenzene	mg/l	0.0180	0	.025	72.1	67-136	L625700-01	WG651830
1,3-Dichlorobenzene	mg/l	0.0173	0	.025	69.1	69-131	L625700-01	WG651830
1,3-Dichloropropane	mg/l	0.0181	0	.025	72.5	70-122	L625700-01	WG651830
1,4-Dichlorobenzene	mg/l	0.0195	0	.025	78.1	70-123	L625700-01	WG651830
2,2-Dichloropropane	mg/l	0.0209	0	.025	83.5	51-141	L625700-01	WG651830
2-Butanone (MEK)	mg/l	0.0902	0	.125	72.2	51-149	L625700-01	WG651830
2-Chloroethyl vinyl ether	mg/l	0.103	0	.125	82.1	10-161	L625700-01	WG651830
2-Chlorotoluene	mg/l	0.0191	0	.025	76.3	65-133	L625700-01	WG651830
4-Chlorotoluene	mg/l	0.0180	0	.025	71.8	67-129	L625700-01	WG651830
4-Methyl-2-pentanone (MIBK)	mg/l	0.109	0	.125	87.4	53-154	L625700-01	WG651830
Acetone	mg/l	0.0823	0.00483	.125	62.0	34-146	L625700-01	WG651830
Acrolein	mg/l	0.0793	0	.125	63.4	10-189	L625700-01	WG651830
Acrylonitrile	mg/l	0.119	0	.125	95.3	49-162	L625700-01	WG651830
Benzene	mg/l	0.0202	0	.025	80.7	51-134	L625700-01	WG651830
Bromobenzene	mg/l	0.0179	0	.025	71.6	64-130	L625700-01	WG651830
Bromodichloromethane	mg/l	0.0201	0	.025	80.4	67-132	L625700-01	WG651830
Bromoform	mg/l	0.0179	0	.025	71.6	59-137	L625700-01	WG651830
Bromomethane	mg/l	0.0204	0	.025	81.7	23-177	L625700-01	WG651830
Carbon tetrachloride	mg/l	0.0203	0	.025	81.0	49-140	L625700-01	WG651830
Chlorobenzene	mg/l	0.0178	0	.025	71.0	69-126	L625700-01	WG651830
Chlorodibromomethane	mg/l	0.0177	0	.025	70.9	68-130	L625700-01	WG651830
Chloroethane	mg/l	0.0213	0	.025	85.1	32-177	L625700-01	WG651830
Chloroform	mg/l	0.0203	0	.025	81.1	64-130	L625700-01	WG651830
Chloromethane	mg/l	0.0207	0	.025	82.7	27-155	L625700-01	WG651830
cis-1,2-Dichloroethene	mg/l	0.0242	0.00447	.025	78.9	54-137	L625700-01	WG651830
cis-1,3-Dichloropropene	mg/l	0.0202	0	.025	80.8	63-127	L625700-01	WG651830
Di-isopropyl ether	mg/l	0.0219	0	.025	87.6	58-133	L625700-01	WG651830
Dibromomethane	mg/l	0.0205	0	.025	82.1	68-131	L625700-01	WG651830
Dichlorodifluoromethane	mg/l	0.0192	0	.025	76.8	16-188	L625700-01	WG651830
Ethylbenzene	mg/l	0.0177	0	.025	70.9	64-135	L625700-01	WG651830
Hexachloro-1,3-butadiene	mg/l	0.0187	0	.025	74.9	64-140	L625700-01	WG651830
Isopropylbenzene	mg/l	0.0180	0	.025	72.1	62-134	L625700-01	WG651830
Methyl tert-butyl ether	mg/l	0.0208	0	.025	83.3	55-136	L625700-01	WG651830
Methylene Chloride	mg/l	0.0206	0.00182	.025	75.2	52-130	L625700-01	WG651830
n-Butylbenzene	mg/l	0.0208	0	.025	83.1	62-142	L625700-01	WG651830
n-Propylbenzene	mg/l	0.0183	0	.025	73.3	62-137	L625700-01	WG651830
Naphthalene	mg/l	0.0197	0	.025	78.7	65-140	L625700-01	WG651830
p-Isopropyltoluene	mg/l	0.0183	0	.025	73.2	64-142	L625700-01	WG651830
sec-Butylbenzene	mg/l	0.0182	0	.025	72.7	67-139	L625700-01	WG651830
Styrene	mg/l	0.0182	0	.025	72.6	58-152	L625700-01	WG651830
tert-Butylbenzene	mg/l	0.0182	0	.025	72.7	66-139	L625700-01	WG651830
Tetrachloroethene	mg/l	0.0191	0.00215	.025	67.8	56-139	L625700-01	WG651830

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Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Toluene	mg/l	0.0190	0	.025	75.8	61-126	L625700-01	WG651830
trans-1,2-Dichloroethene	mg/l	0.0196	0	.025	78.3	45-137	L625700-01	WG651830
trans-1,3-Dichloropropene	mg/l	0.0193	0	.025	77.1	59-130	L625700-01	WG651830
Trichloroethene	mg/l	0.0248	0.00698	.025	71.2	40-155	L625700-01	WG651830
Trichlorofluoromethane	mg/l	0.0201	0	.025	80.5	35-177	L625700-01	WG651830
Vinyl chloride	mg/l	0.0213	0	.025	85.3	32-159	L625700-01	WG651830
Xylenes, Total	mg/l	0.0538	0	.075	71.7	64-133	L625700-01	WG651830
4-Bromofluorobenzene					92.85	82-120		WG651830
Dibromofluoromethane					106.5	82-126		WG651830
Toluene-d8					104.7	92-112		WG651830

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/l	0.0205	0.0179	82.2	71-130	13.6	20	L625700-01	WG651830
1,1,1-Trichloroethane	mg/l	0.0241	0.0205	96.4	58-137	16.0	20	L625700-01	WG651830
1,1,2,2-Tetrachloroethane	mg/l	0.0221	0.0192	88.5	64-149	14.3	20	L625700-01	WG651830
1,1,2-Trichloroethane	mg/l	0.0209	0.0180	83.7	73-128	15.1	20	L625700-01	WG651830
1,1,2-Trichlorotrifluoroethane	mg/l	0.0236	0.0199	94.4	36-159	17.1	21	L625700-01	WG651830
1,1-Dichloroethane	mg/l	0.0240	0.0211	96.1	58-133	13.0	20	L625700-01	WG651830
1,1-Dichloroethene	mg/l	0.0228	0.0199	91.3	32-152	13.5	20	L625700-01	WG651830
1,1-Dichloropropene	mg/l	0.0236	0.0203	94.3	50-140	14.7	20	L625700-01	WG651830
1,2,3-Trichlorobenzene	mg/l	0.0201	0.0183	80.4	68-135	9.34	20	L625700-01	WG651830
1,2,3-Trichloropropane	mg/l	0.0209	0.0178	83.6	74-137	16.0	20	L625700-01	WG651830
1,2,3-Trimethylbenzene	mg/l	0.0223	0.0195	89.3	67-133	13.8	20	L625700-01	WG651830
1,2,4-Trichlorobenzene	mg/l	0.0205	0.0187	82.1	67-133	9.48	20	L625700-01	WG651830
1,2,4-Trimethylbenzene	mg/l	0.0213	0.0183	85.2	62-141	15.1	20	L625700-01	WG651830
1,2-Dibromo-3-Chloropropane	mg/l	0.0241	0.0210	96.6	55-148	14.1	22	L625700-01	WG651830
1,2-Dibromoethane	mg/l	0.0206	0.0184	82.3	71-129	11.5	20	L625700-01	WG651830
1,2-Dichlorobenzene	mg/l	0.0220	0.0195	88.2	75-125	12.4	20	L625700-01	WG651830
1,2-Dichloroethane	mg/l	0.0246	0.0217	98.4	59-135	12.6	20	L625700-01	WG651830
1,2-Dichloropropane	mg/l	0.0225	0.0201	90.0	68-126	11.5	20	L625700-01	WG651830
1,3,5-Trimethylbenzene	mg/l	0.0211	0.0180	84.3	67-136	15.6	20	L625700-01	WG651830
1,3-Dichlorobenzene	mg/l	0.0199	0.0173	79.6	69-131	14.1	20	L625700-01	WG651830
1,3-Dichloropropane	mg/l	0.0210	0.0181	84.0	70-122	14.7	20	L625700-01	WG651830
1,4-Dichlorobenzene	mg/l	0.0213	0.0195	85.3	70-123	8.76	20	L625700-01	WG651830
2,2-Dichloropropane	mg/l	0.0246	0.0209	98.4	51-141	16.4	20	L625700-01	WG651830
2-Butanone (MEK)	mg/l	0.0994	0.0902	79.5	51-149	9.66	22	L625700-01	WG651830
2-Chloroethyl vinyl ether	mg/l	0.115	0.103	92.3	10-161	11.8	40	L625700-01	WG651830
2-Chlorotoluene	mg/l	0.0223	0.0191	89.1	65-133	15.4	20	L625700-01	WG651830
4-Chlorotoluene	mg/l	0.0207	0.0180	82.6	67-129	14.0	20	L625700-01	WG651830
4-Methyl-2-pentanone (MIBK)	mg/l	0.126	0.109	100.	53-154	13.9	21	L625700-01	WG651830
Acetone	mg/l	0.0876	0.0823	66.2	34-146	6.21	22	L625700-01	WG651830
Acrolein	mg/l	0.0919	0.0793	73.6	10-189	14.8	30	L625700-01	WG651830
Acrylonitrile	mg/l	0.137	0.119	109.	49-162	13.7	20	L625700-01	WG651830
Benzene	mg/l	0.0230	0.0202	91.8	51-134	12.9	20	L625700-01	WG651830
Bromobenzene	mg/l	0.0207	0.0179	82.7	64-130	14.4	20	L625700-01	WG651830
Bromodichloromethane	mg/l	0.0226	0.0201	90.6	67-132	11.9	20	L625700-01	WG651830
Bromoform	mg/l	0.0207	0.0179	82.7	59-137	14.5	20	L625700-01	WG651830
Bromomethane	mg/l	0.0244	0.0204	97.5	23-177	17.7	21	L625700-01	WG651830
Carbon tetrachloride	mg/l	0.0233	0.0203	93.1	49-140	13.9	20	L625700-01	WG651830
Chlorobenzene	mg/l	0.0203	0.0178	81.1	69-126	13.3	20	L625700-01	WG651830
Chlorodibromomethane	mg/l	0.0207	0.0177	82.6	68-130	15.3	20	L625700-01	WG651830
Chloroethane	mg/l	0.0246	0.0213	98.3	32-177	14.4	21	L625700-01	WG651830
Chloroform	mg/l	0.0235	0.0203	93.8	64-130	14.5	20	L625700-01	WG651830
Chloromethane	mg/l	0.0237	0.0207	94.9	27-155	13.8	20	L625700-01	WG651830
cis-1,2-Dichloroethene	mg/l	0.0280	0.0242	94.1	54-137	14.6	20	L625700-01	WG651830
cis-1,3-Dichloropropene	mg/l	0.0230	0.0202	91.9	63-127	12.9	20	L625700-01	WG651830
Di-isopropyl ether	mg/l	0.0249	0.0219	99.4	58-133	12.6	20	L625700-01	WG651830

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



YOUR LAB OF CHOICE

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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

March 25, 2013

Analyte	Units	MSD	Matrix Spike	Duplicate	Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Dibromomethane	mg/l	0.0227	0.0205	90.6	68-131	9.85	20	L625700-01		WG651830
Dichlorodifluoromethane	mg/l	0.0221	0.0192	88.6	16-188	14.3	22	L625700-01		WG651830
Ethylbenzene	mg/l	0.0205	0.0177	82.0	64-135	14.5	20	L625700-01		WG651830
Hexachloro-1,3-butadiene	mg/l	0.0217	0.0187	86.6	64-140	14.5	20	L625700-01		WG651830
Isopropylbenzene	mg/l	0.0212	0.0180	84.8	62-134	16.2	20	L625700-01		WG651830
Methyl tert-butyl ether	mg/l	0.0243	0.0208	97.3	55-136	15.5	20	L625700-01		WG651830
Methylene Chloride	mg/l	0.0228	0.0206	83.9	52-130	10.1	20	L625700-01		WG651830
n-Butylbenzene	mg/l	0.0235	0.0208	94.0	62-142	12.2	20	L625700-01		WG651830
n-Propylbenzene	mg/l	0.0210	0.0183	83.8	62-137	13.4	20	L625700-01		WG651830
Naphthalene	mg/l	0.0222	0.0197	88.9	65-140	12.1	20	L625700-01		WG651830
p-Isopropyltoluene	mg/l	0.0216	0.0183	86.3	64-142	16.4	20	L625700-01		WG651830
sec-Butylbenzene	mg/l	0.0213	0.0182	85.2	67-139	15.8	20	L625700-01		WG651830
Styrene	mg/l	0.0208	0.0182	83.3	58-152	13.7	20	L625700-01		WG651830
tert-Butylbenzene	mg/l	0.0209	0.0182	83.6	66-139	13.9	20	L625700-01		WG651830
Tetrachloroethene	mg/l	0.0217	0.0191	78.0	56-139	12.6	20	L625700-01		WG651830
Toluene	mg/l	0.0215	0.0190	85.8	61-126	12.4	20	L625700-01		WG651830
trans-1,2-Dichloroethene	mg/l	0.0227	0.0196	90.7	45-137	14.7	20	L625700-01		WG651830
trans-1,3-Dichloropropene	mg/l	0.0218	0.0193	87.2	59-130	12.3	20	L625700-01		WG651830
Trichloroethene	mg/l	0.0280	0.0248	84.2	40-155	12.3	20	L625700-01		WG651830
Trichlorofluoromethane	mg/l	0.0238	0.0201	95.0	35-177	16.6	23	L625700-01		WG651830
Vinyl chloride	mg/l	0.0247	0.0213	98.7	32-159	14.5	21	L625700-01		WG651830
Xylenes, Total	mg/l	0.0624	0.0538	83.3	64-133	14.9	20	L625700-01		WG651830
4-Bromofluorobenzene				95.83	82-120					WG651830
Dibromofluoromethane				109.3	82-126					WG651830
Toluene-d8				104.6	92-112					WG651830

Batch number /Run number / Sample number cross reference

WG651830: R2588457: L625793-01 02 03 04 05 06 07

WG651859: R2591344 R2594187: L625793-01 02 03 04 05 06 07

* * Calculations are performed prior to rounding of reported values.

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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.