McGinley & Associates

Reno Office
815 Maestro Dr.
Reno, NV 89511
Ph: 775.829.2245
Fax: 775.829.2213

Las Vegas Office
6280 S. Valley View Blvd.
Suite 604
Las Vegas, NV 89118
Ph: 702.260.4961
Fax: 702.260.4968

www.mcgin.com

| Soil and Groundwater Remediation

| Regulatory Compliance

| Environmental Audits

| Hydrogeology

| Hazmat Response

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

TONOPAH CONVENTION CENTER
301 BROUGHER AVENUE
APN 008-126-21 AND 008-125-07
TONOPAH
NYE 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: Town of Tonopah

February 1, 2012

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

EXECUTIVE SUMMARY

McGinley & Associates (MGA) conducted a Limited Phase II Environmental Site Assessment (ESA) on two parcels of land located in Nye County, Nevada. The parcels are listed with Nye County, Nevada as Assessor's Parcel Number (APNs) 008-126-21 and 008-125-07. The objectives of the ESA activities were to assess for the presence of soil contamination within the boundaries of the site.

In June of 2011, a Phase I ESA was performed by MGA on the site. Based upon the site reconnaissance and available historic information, it was determined that performance of a Limited Phase II ESA which would consist of the collection of soil samples was warranted at the site.

Surface samples were collected at depths of zero to six inches and 18 – 24 inches below ground surface (bgs) for the Limited Phase II ESA. Sample locations were chosen based on visual observation of potential contamination and historical information. All collected soil samples were delivered to Alpha Analytical, Inc. (the laboratory) under proper Chain of Custody (COC) protocol and samples were analyzed for Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Total Petroleum Hydrocarbons (TPHs) and metals. Analytical suites were based upon MGA's conceptual understanding of the site and its uses.

The results of the analysis indicate that elevated levels of arsenic are present in all soil samples collected at the site. Arsenic concentrations ranged from 6.8 to 58 mg/kg, all of which are above State of Nevada Reportable Concentrations (RCs) per Nevada Administrative Code (NAC) 445A.345 through 445A.348, as modified by the adopted Regulation R-189-08. A background study on arsenic concentrations found in the Tonopah region may provide supporting data to establish that arsenic concentrations found within the collected samples are indicative of natural background concentrations in the vicinity of the subject property.

One collected sample (SS-03-2.0) exhibited concentrations of selenium (5.3 mg/kg) and silver (56 mg/kg) above State of Nevada RCs. The observed color of the collected sample appeared to be similar to the material found within the large stockpile adjacent to the north. Historic research indicates that this stockpile material may consist of mine tailings from former West End Consolidated Mine Co. activities. In the past, select locations within the Town of Tonopah have been mined due to large quantities of silver bearing ore in the vicinity. There is a likelihood that the elevated silver content in the collected sample was due to high background concentrations of silver in the naturally occurring soil and rock. In addition, silver selenide, otherwise known as the colloid naumannite, occurs naturally in silver bearing ores found within Nevada (Saunders, Vikre, and Beasley 2010). There is a likelihood that the elevated selenium concentrations within the collected sample are due to naturally occurring naumannite found within silver bearing ores located in the vicinity of Tonopah, Nevada.

In addition, two samples exhibited total petroleum hydrocarbon (TPH) concentrations within the oil-range greater than the RC of 100 mg/kg. However, VOCs and SVOCs were analyzed in conjunction with TPH analysis, and there were no compounds within these analysis suites that exhibited concentrations greater than their respective RCs. Therefore, MGA is of the opinion that this does not constitute a reportable quantity.

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 further action is warranted at the subject property in order to fully characterize the site. This further action should include additional assessment to determine the background concentrations of arsenic, selenium, and silver within soils found in the vicinity of the Town of Tonopah and the concentration of these metals within the historic stockpile located adjacent to the subject property.

1. INTRODUCTION

McGinley & Associates (MGA) conducted a Limited Phase II Environmental Site Assessment (ESA) on land located adjacent to 301 S. Brougher Avenue in Nye County, Nevada. The property consists of two parcels of land that is listed with Nye County, Nevada as Assessor's Parcel Number (APN) 008-126-21 and 008-125-07.

Based on the historical mining uses located on and adjacent to the parcels and historical heating plant from the adjacent Tonopah Convention Center building, a Phase II ESA was conducted to assess environmental impacts to soils.

2. OBJECTIVES AND SCOPE OF SERVICES

The objectives of the ESA activities were to assess for the presence of soil contamination. 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).

The ESA activities performed by MGA for the limited Phase II ESA consisted of the following:

- Collection of surface soil samples from eight locations on the site based upon visual observations and the understanding of the historical uses of the site;
- Collection of soil samples at a depth between 18 and 24 inches from the same eight locations utilized for surface samples;
- Collection of a field duplicate sample;
- Laboratory analysis of these samples;
- Preparation of a technical report complete with findings and recommendations.

3. BACKGROUND

In June of 2011, a Phase I ESA was performed by MGA on the site. Based upon the site reconnaissance; the adjacent site usage; and review of historical information it was determined that *performance of a Limited Phase II ESA which would consist of the* collection of surface soils samples was warranted at the site.

The study area occupies approximately 0.43 acre in Nye County, Nevada (Figure 1). The site consists of an alley located behind and north of the Tonopah Convention Center and a partially asphalted parking area located west of the convention center and beyond Summit Street. The layout of the subject property is illustrated in Figure 2.

The adjacent property to the north is currently utilized for storage of a large stockpile of yellowish-white to yellowish-brown soil. That property was identified in Sanborn Maps as a historic mine dump for the West End Consolidated Mine Co. It appears that this stockpile of soil may be a portion of the historic mine tailings stored on that property from former mining practices.

4. ENVIRONMENTAL INVESTIGATION

Limited Phase II ESA field activities were performed by MGA on November 2, 2011. Based on visual identification of potentially contaminated areas and MGA's understanding of the historical uses of the site and adjacent properties, seventeen samples were collected throughout the site. Two laboratory-provided glass sample jars were filled at each sampling location using decontaminated sampling tools consisting of an electric rotary hammer equipped with stainless

steel chisel and spoon, stainless steel sampling scoop, and a stainless steel sample collection bowl. Samples were collected at either a depth between ground surface and six inches below ground surface (bgs) and 18 inches to 24 inches bgs. All sampling tools were decontaminated between each sampling event. Samples were identified with a designation of SS-XX-Y.Y with SS indicating Soil Sample, XX indicating the sample location and Y.Y indicating the depth of the sample. One field duplicate sample was also collected and was labeled FD. These locations are shown on Figure 2.

During sampling activities, it was noted that the upper six inches of soil in most of the sample locations exhibited a greyish-brown color and consisted mainly of gravels. A few of the zero to six inch depth samples were observed to be yellowish-brown in color. In contrast, all of the samples collected at depths between 18 and 24 inches bgs exhibited a yellowish-white to yellowish brown color and appeared to consist of jumbled rock. This layer of soil appeared to be similar to the soil and rock found within the stockpile on the adjacent parcel to the north.

5. ANALYTICAL TESTING

Soil samples were delivered under chain-of-custody protocol to Alpha Analytical, Inc. located in Sparks, Nevada. The following analyses were requested to be performed on all soil samples submitted:

- VOCs per EPA Method SW8260B
- SVOC-SIM per EPA Method SW8270C
- TPHs per EPA Method 8015
- Metals per EPA Methods SW6020/6020A

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

6. ANALYTICAL RESULTS

6.1 Summary of Results

All collected soil samples were analyzed for VOCs, SVOCs, TPHs, and RCRA Metals. The analytical results for the detected soil samples are summarized in Table 1 through Table 4.

6.2 VOCs

There were no VOCs detected above laboratory reporting limits for any of the samples collected.

6.3 SVOCs

Several SVOC analytes were detected at concentrations greater than the laboratory reporting limits. However, none of the detected SVOCs were reported at concentrations above its corresponding NDEP reportable concentration (RC) for soils.

6.4 TPHs

There were a number of collected samples containing diesel range organics (DRO) and/or oil range organics (ORO) at concentrations greater than the laboratory reporting limits. There were no samples exhibiting concentrations of TPH-D above the NDEP's RC of 100 mg/Kg (NDEP, 2009). However, TPH-O was detected in two surface sample locations at concentrations greater than the NDEP's RC of 100 mg/Kg (NDEP, 2009). These concentrations and locations are

summarized in Table 5 below.

Table 5: Soil Samples with TPH-O Concentrations Exceeding NDEP RCs

Location ID	TPH-O (mg/Kg)
LVBRN009-SS-04-0.0	160
LVBRN009-SS-05-0.0	110

6.5 Metals

All collected samples were analyzed for each of eight RCRA metals, including arsenic (As), barium (Ba), cadmium (Cd), lead (Pb), mercury (Hg), selenium (Se), and silver (Ag). Based on analytical results, all collected samples contained arsenic concentrations above the NDEP's reportable concentration (RC) of 0.39 mg/Kg (NDEP, 2009). In addition, Se and Ag were detected above NDEP RC (Se = 5 mg/Kg; Ag = 34 mg/Kg) in one sample. These concentrations and locations are summarized in Table 6 below.

Table 6: Soil Samples with RCRA Metals Concentrations Exceeding NDEP RCs

Location ID	Arsenic (mg/Kg)	Selenium (mg/Kg)	Silver (mg/Kg)
LVBRN009-SS-01-0.0	39	-	-
LVBRN009-SS-01-2.0	45	-	-
LVBRN009-SS-02-0.0	13	-	-
LVBRN009-SS-02-2.0	24	-	-
LVBRN009-SS-03-0.0	21	-	-
LVBRN009-SS-03-2.0	58	5.3	56
LVBRN009-SS-04-0.0	6.8	-	-
LVBRN009-SS-04-2.0	22	-	-
LVBRN009-SS-05-0.0	12	-	-
LVBRN009-SS-05-2.0	18	-	-
LVBRN009-SS-06-0.0	11	-	-
LVBRN009-SS-06-2.0	17	-	-
LVBRN009-SS-07-0.0	10	-	-
LVBRN009-SS-07-2.0	33	-	-
LVBRN009-SS-08-0.0	22	-	-
LVBRN009-SS-08-2.0	28	-	-
LVBRN009-SS-FD-0.0	21	-	-

Arsenic is a naturally occurring compound found at variable concentrations throughout the United States and is known to exist at elevated concentrations throughout the Western United States, and, specifically in Nevada. The NDEP RC for arsenic is 0.39 mg/Kg. Numerous studies have been completed regarding background concentrations of arsenic in the United States, and, specifically in Nevada. Select studies are discussed below:

- *Nevada Division of Environmental Protection Screening/Action Level for Arsenic in Surface Soil in the Carson River Basin* reported concentrations of naturally-occurring arsenic between 1 mg/Kg and 73 mg/Kg in soils between zero and 12 inches bgs. The arithmetic mean of the sample concentrations was calculated to be 13.2 mg/Kg while the 95th percentile of the sample concentrations was calculated to be 32 mg/Kg. Based on the conclusions of the report, NDEP developed a generic screening/action level of 32 mg/Kg for all sites within the

Carson River Basin.

- The NDEP-approved *Statistical Analysis of Background Concentrations of Selected Metals in Surface and Near-Surface Soils, Fiesta Park, Henderson, Nevada* (CivilWorks, 2004) reported concentrations of naturally-occurring arsenic up to 15.7 mg/Kg in surface and near-surface soils. This concentration is above the NDEP RC for arsenic. This site was redeveloped as residential.
- The NDEP-approved *Henderson Landfill Response Program, Site Soils* Criteria (CH2M Hill, 2006) reported concentrations of naturally-occurring arsenic from 3 to 910 mg/Kg in soils between 0 and 2' bgs. These concentrations are all above the NDEP RC for arsenic. At the time of the development of this report the site was slated to be redeveloped for recreational use.
- Sampling conducted by the University of Nevada at Las Vegas (UNLV) at and in the vicinity of the Three Kids Mine indicated that naturally-occurring arsenic may exist at concentrations ranging from below 70 to greater than 500 mg/Kg (Sims, 1997 and Naugle, 1997).
- Bevans, et. Al. (1998), in their paper on water quality on the Las Vegas Valley and Carson and Truckee River Basins, Nevada and California, 1992-96, indicate that groundwater within the study areas had ultimately been impacted by arsenic contained in "volcanic rocks and sediment derived from volcanic rocks."

All of these studies indicate the potential for geologic structures within the State of Nevada to contain high concentrations of naturally occurring arsenic. Although historic data throughout Nevada indicates that the arsenic concentrations are most likely attributed to background concentrations within the soil, there does not appear to be arsenic background data available within the Town of Tonopah. Therefore, this issue appears to warrant an investigation into the background concentrations of arsenic within soils located in the Town of Tonopah.

With regards to the collected sample containing both selenium and silver above the NDEP RC for each analyte, the observed color of the collected sample appeared to be similar to the material found within the large stockpile adjacent to the north. Historic research indicates that this stockpile material may consist of mine tailings from former West End Consolidated Mine Co. activities. In the past, select locations within the Town of Tonopah have been mined due to large quantities of silver bearing ore in the vicinity. There is a high likelihood that the elevated silver content in the collected sample was due to high background concentrations of silver in the naturally occurring soil and rock. In addition, silver selenide, otherwise known as the colloid naumannite, occurs naturally in silver bearing ores found within Nevada (Saunders, Vikre, and Beasley 2010). There is a high likelihood that the elevated selenium concentrations within the collected sample are due to naturally occurring naumannite found within silver bearing ores located in the vicinity of Tonopah, Nevada.

7. DATA QUALITY

7.1 Soil Sampling

The soil samples were collected in accordance with EPA and MGA SOPs. Care was taken to minimize sample disturbance. Soil samples were preserved in a cooler until they were received by the laboratory (see chain-of-custody records provided in Appendix A).

A duplicate soil sample was collected from one of the sample locations for quality control purposes (duplicate sample labeled as SS-FD). The analytical results for the duplicate sample are included in Table 1 through Table 4. The results found in both the soil sample (SS-03-0.0) and field duplicate (SS-FD-0.0) corresponding to the soil sample were within acceptable ranges.

7.2 Laboratory Analytical Data for Soils

The laboratory analytical data for the soil samples were in compliance with the data quality objectives established in the laboratory's SOP. According to the QC Summary Report supplied by Alpha Analytical, several qualifiers were noted in the analysis of the sample matrix spike (MS) and sample matrix spike duplicate (MSD). These qualifiers indicated a high bias for arsenic, barium, lead, acenaphthene, and pyrene within the MS sample, as well as a low bias with barium and lead within the MSD sample. However, analysis of the method blank and laboratory control spike (LCS) samples were all within control limits. This appears to indicate that the samples may have had some interference due to the sample matrix. Quality Control data can be found within the laboratory analytical package in Appendix A.

8. SUMMARY OF FIELD ACTIVITIES

- The 0.43 acre site was assessed for potential contamination in surface soils;
- Surface soil samples were collected from eight locations throughout the site;
- Surface soil samples were collected at depths of zero to six inches and 18 to 24 inches below ground surface at each sample location;
- One field duplicate sample was collected at a sample location for quality control purposes;
- Per requirements of the analytical laboratory, two soil jars were collected at each soil sample location and the field duplicate location;

9. FINDINGS

- Soil samples were analyzed for VOCs, SVOCs, TPHs and RCRA metals;
- Complete soil analytical results are summarized in Table 1 through Table 4;
- Soil analytical results for detected compounds are summarized in Table 5 and Table 6;
- None of the samples submitted contained VOCs or SVOCs above the NDEP RC for residential soils;
- None of the samples submitted contained barium, cadmium, chromium, lead, or mercury above the NDEP RC;
- All samples submitted contained arsenic above the NDEP RC of 0.39 mg/Kg and ranged between 6.8 and 58 mg/Kg. Although historic data throughout Nevada indicates that the arsenic concentrations are most likely attributed to background concentrations within the soil, there does not appear to be arsenic background data available within the Town of Tonopah. Therefore, this issue appears to warrant an investigation into the background concentrations of arsenic within soils located in the Town of Tonopah.
- One of the samples submitted contained selenium and silver above the NDEP RC for each analyte. In the past, select locations within the Town of Tonopah have been mined due to large quantities of silver bearing ore in the vicinity. There is a high likelihood that the elevated silver content in the collected sample was due to high background concentrations of silver in the naturally occurring soil and rock. In addition, silver selenide, otherwise known as the colloid naumannite, occurs naturally in silver bearing ores found within Nevada (Saunders, Vikre, and Beasley 2010). There is a high likelihood that the elevated selenium concentrations within the collected sample are due to naturally occurring naumannite found within silver bearing ores located in the vicinity of Tonopah, Nevada;
- Two samples at depths of zero to six inches contained TPH-O at concentrations above the NDEP RC. However, VOCs and SVOCs were analyzed in conjunction with TPH analysis,

and there were no compounds within these analysis suites that exhibited concentrations greater than their respective RCs.

10. CONCLUSIONS AND RECOMMENDATIONS

McGinley & Associates was contracted by the NDEP on behalf of the Town of Tonopah to perform a Limited Phase II ESA on the subject property located adjacent to the Town of Tonopah Convention Center at 301 Brougher Avenue, Tonopah, Nye County, Nevada. The property consists of two parcels of land that are listed with Nye County, Nevada as Assessor's Parcel Numbers (APNs) 008-125-07 and 008-126-21. 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 collection of seventeen surface soil samples and one field duplicate sample from the site. Surface samples were collected at depths of zero to six inches below ground surface and 18 to 24 inches below ground surface. All samples were delivered under Chain of Custody protocol to Alpha Analytical, Inc. for analysis of VOCs, SVOCs, TPH and RCRA metals.

The results of the soil sample analyses showed concentrations of arsenic above NDEP reportable concentrations in all samples collected. Based on historic data for soils within the State of Nevada, there is a high likelihood that the arsenic found within the collected samples is representative of natural background concentrations within the Town of Tonopah.

One surface sample between 18 and 24 inches bgs exhibited concentrations of selenium and silver above NDEP reportable concentrations. The collected sample appeared to be similar in composition to the historic mine stockpile located adjacent to the subject property (north). The elevated silver and selenium concentrations may be due to the sample containing silver bearing ores found within Nevada. These silver-bearing ores contain colloidal silver selenide, otherwise known as naumannite, which occurs naturally in Nevada.

Lastly, two surface samples between zero and six inches bgs exhibited TPH-O concentrations above NDEP reportable concentrations. VOCs and SVOCs were analyzed in conjunction with TPH analysis, and there were no compounds within these analysis suites that exhibited concentrations greater than their respective RCs. Therefore, MGA is of the opinion that this does not constitute a reportable quantity.

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 further action is warranted at the subject property in order to fully characterize the site. This further action should include additional assessment to determine the background concentrations of arsenic, selenium, and silver within soils found in the vicinity of the Town of Tonopah and the concentration of these metals within the historic stockpile located adjacent to the subject property.

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

Arsenic in Ground Water of the Western United States., Ground Water, Vol. 26, No. 3, Welch, Alan H.; Lico, Michael S.; Hughes, Jennifer L.; May-June 1988.

Background Soil Compilation Report, BMI Complex and Common Areas, Clark County, Nevada, ERM, April 2010.

Colloidal Textures Exhibited by Ore and Gangue Minerals in Bonanza Epithermal Veins and Their Significance. Geological Society of Nevada Symposium. Saunders, James A., Peter G. Vikre, and Lee Beasley, 2010.

Henderson Landfill Response Program, Site Soils Criteria, CH2M Hill, June 2006

Manganese Transport: A Preliminary Study of the Three Kids Mine and Surrounding Area, Naugle, Corie Ann, December 1997.

The Migration of Arsenic and Lead in Surface sediments at Three Kids Mine, Henderson, Nevada, Sims, Douglas Brian, December 1997.

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.

Nevada Division of Environmental Protection Screening/Action Level for Arsenic in Surface Soil in the Carson River Basin, NDEP.

Statistical Analysis of Background Concentrations of Selected Metals in Surface and Near-Surface Soils, Fiesta Park, Henderson, Nevada, CivilWorks, Inc., May 2004.

Water Quality in the Las Vegas Valley Area and the Carson and Truckee River Basins, Nevada and California, Bevans, H.E.; Lico, M.S.; Lawrence, S.J.; 1992-96; updated March 19, 1998.

Table 1 - Summary of Soil VOC Data

Location	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Bromodichloromethane	Bromoform	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Dibromochloromethane	Dichloromethane	Ethylbenzene	m,p-Xylene	o-Xylene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride
LVBRN009-SS-01-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-01-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-02-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-02-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-03-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-03-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-04-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-04-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-05-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-05-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-06-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-06-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-07-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-07-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-08-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-08-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-FD-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NDEP RC	2000	3	20	3400	60	17000	20	30	NA	2000	30	600	800	200	70	1000	NA	300	1700	400	NA	400	NA	5700	210000	210000	60	12000	700	NA	60	800000	10

Notes:

1. Detected concentrations are presented in bold.
2. Concentrations greater than the NDEP Reportable Concentration are highlighted in yellow.
3. NDEP RC = NDEP Reportable Concentration
4. All concentrations are in (µg/Kg).
5. ND = Not Detectable
6. NA = Not Available

Table 2 - Summary of Soil SVOC Data

Location	Acenapthene	Acenapthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b&k)fluoranthene	Benzo(g,h,i)perylene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
LVBRN009-SS-01-0.0	ND	ND	ND	ND	ND	ND	ND	32	ND	42	ND	ND	ND	68	45
LVBRN009-SS-01-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-02-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-02-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-03-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-03-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-04-0.0	ND	ND	ND	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-04-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	25
LVBRN009-SS-05-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-05-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-06-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-06-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-07-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-07-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-08-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-08-2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LVBRN009-SS-FD-0.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NDEP RC	570,000	NA	12,000,000	150	15	150	NA	15000	15	2,300,000	560,000	150	3900	NA	1,700,000

Notes:

1. Detected concentrations are presented in bold.
2. Concentrations greater than the NDEP Reportable Concentration are highlighted in yellow.
3. NDEP RC = NDEP Reportable Concentration
4. All concentrations are in (µg/Kg).
5. ND = Not Detectable
6. NA = Not Available

Table 4 - Summary of Soil Metals Data

Location	Arsenic (As)	Barium (Ba)	Cadmium (Cd)	Chromium (Cr)	Lead (Pb)	Mercury (Hg)	Selenium (Se)	Silver (Ag)
LVBRN009-SS-01-0.0	39	380	ND	2.0	66	0.71	1.4	15
LVBRN009-SS-01-2.0	45	440	ND	1.8	82	0.74	2.9	20
LVBRN009-SS-02-0.0	13	200	ND	4.0	34	0.27	ND	4.7
LVBRN009-SS-02-2.0	24	270	ND	2.8	62	0.44	ND	6.6
LVBRN009-SS-03-0.0	21	290	ND	3.7	40	0.51	1.1	12
LVBRN009-SS-03-2.0	58	440	ND	3.9	270	0.49	5.3	56
LVBRN009-SS-04-0.0	6.8	220	ND	6.3	22	ND	ND	3.5
LVBRN009-SS-04-2.0	22	250	ND	2.7	58	0.39	1.5	20
LVBRN009-SS-05-0.0	12	230	ND	2.2	89	0.35	1.1	17
LVBRN009-SS-05-2.0	18	210	ND	1.6	110	0.22	2.7	22
LVBRN009-SS-06-0.0	11	140	ND	6.2	9.6	ND	ND	ND
LVBRN009-SS-06-2.0	17	200	ND	4.8	42	0.42	ND	8.6
LVBRN009-SS-07-0.0	10.0	170	ND	4.7	26	0.21	ND	7.2
LVBRN009-SS-07-2.0	33	220	ND	11	28	0.45	ND	11
LVBRN009-SS-08-0.0	22	350	ND	1.6	83	0.70	1.7	21
LVBRN009-SS-08-2.0	28	390	ND	3.0	61	0.72	1.0	24
LVBRN009-SS-FD-0.0	21	260	ND	3.7	44	0.56	1.2	15
NDEP RC	0.39	1600	8	38	400	6.7	5	34

Notes:

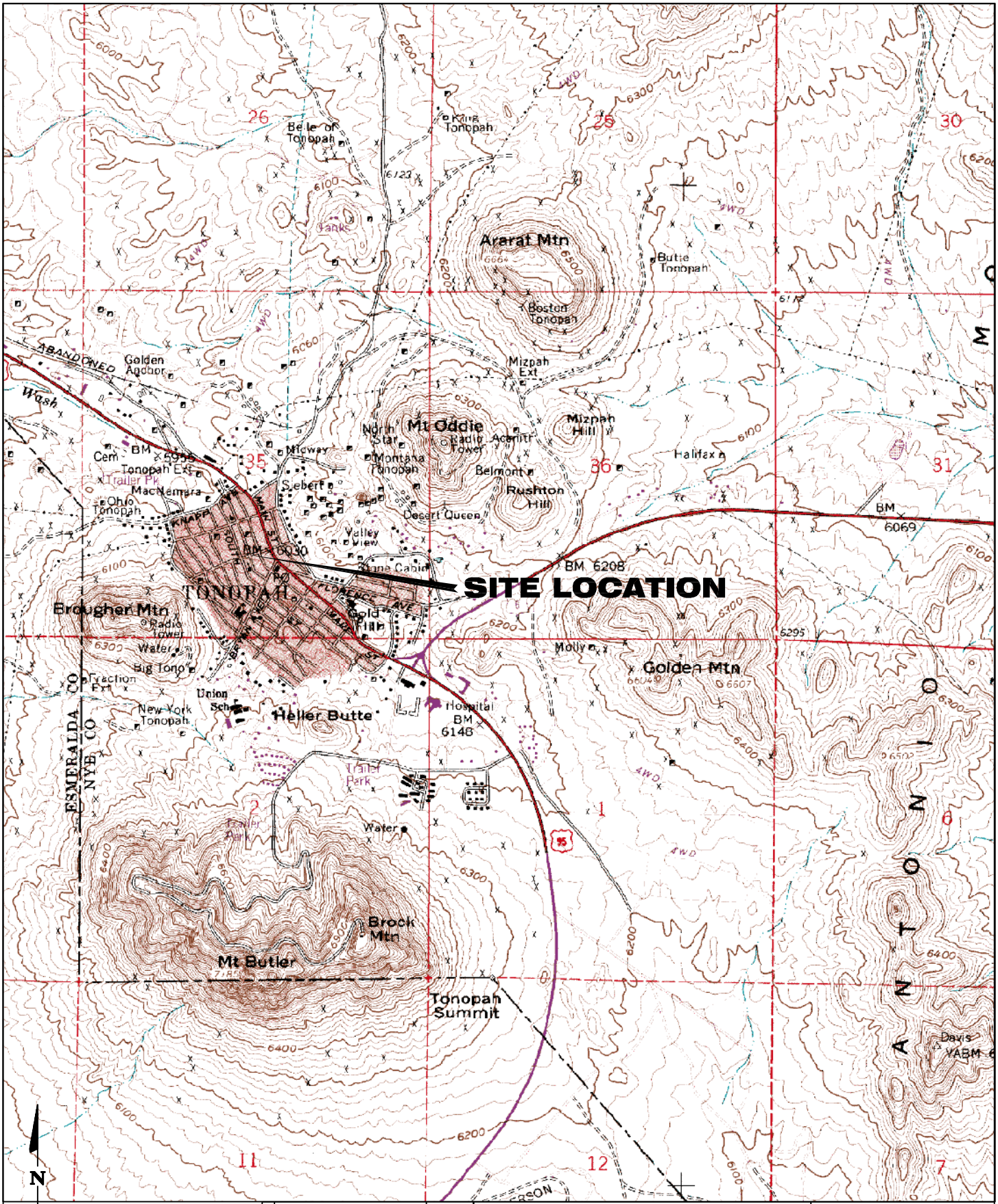
1. Detected concentrations are presented in bold.
2. Concentrations greater than the NDEP Reportable Concentration are highlighted in yellow.
3. NDEP RC = NDEP Reportable Concentration
4. All concentrations are in (mg/Kg).
5. ND = Not Detectable

Table 3 - Summary of Soil TPH Data

Location	TPH-P (GRO)	TPH-E (DRO)	TPH-E (ORO)
LVBRN009-SS-01-0.0	ND	10.0	33
LVBRN009-SS-01-2.0	ND	ND	17
LVBRN009-SS-02-0.0	ND	ND	49
LVBRN009-SS-02-2.0	ND	ND	31
LVBRN009-SS-03-0.0	ND	ND	11
LVBRN009-SS-03-2.0	ND	ND	ND
LVBRN009-SS-04-0.0	ND	43	160
LVBRN009-SS-04-2.0	ND	13	76
LVBRN009-SS-05-0.0	ND	39	110
LVBRN009-SS-05-2.0	ND	ND	12
LVBRN009-SS-06-0.0	ND	ND	21
LVBRN009-SS-06-2.0	ND	28	74
LVBRN009-SS-07-0.0	ND	18	84
LVBRN009-SS-07-2.0	ND	ND	ND
LVBRN009-SS-08-0.0	ND	ND	11
LVBRN009-SS-08-2.0	ND	11	49
LVBRN009-SS-FD-0.0	ND	ND	16
NDEP RC	100	100	100

Notes:

1. Detected concentrations are presented in bold.
2. Concentrations greater than the NDEP Reportable Concentration are highlighted in yellow.
3. NDEP RC = NDEP Reportable Concentration
4. DRO = Diesel Range Organics
5. GRO = Gasoline Range Organics
6. ORO = Oil Range Organics
7. All concentrations are in (mg/Kg).
8. ND = Not Detectable



N

0 1000 2000

FEET

REFERENCE			
	DESIGNED		BH
	DRAWN		TAD
	CHECKED		
	APPROVED		

REVISIONS	No.	DESCRIPTION	BY	DATE

FIGURE 1

PROJECT LOCATION MAP
-SHOWING-
APN 008-125-07 AND 008-126-21
301 BROUGHER AVE
TONOPAH, NEVADA

McGinley & Associates

SCALE: AS SHOWN	REVISION
JOB NO. LV-BRN-009	A

0 60 120
FEET

REFERENCE			
	DESIGNED		BH
	DRAWN		TAD
	CHECKED		
	APPROVED		
REVISIONS	No.	DESCRIPTION BY	DATE

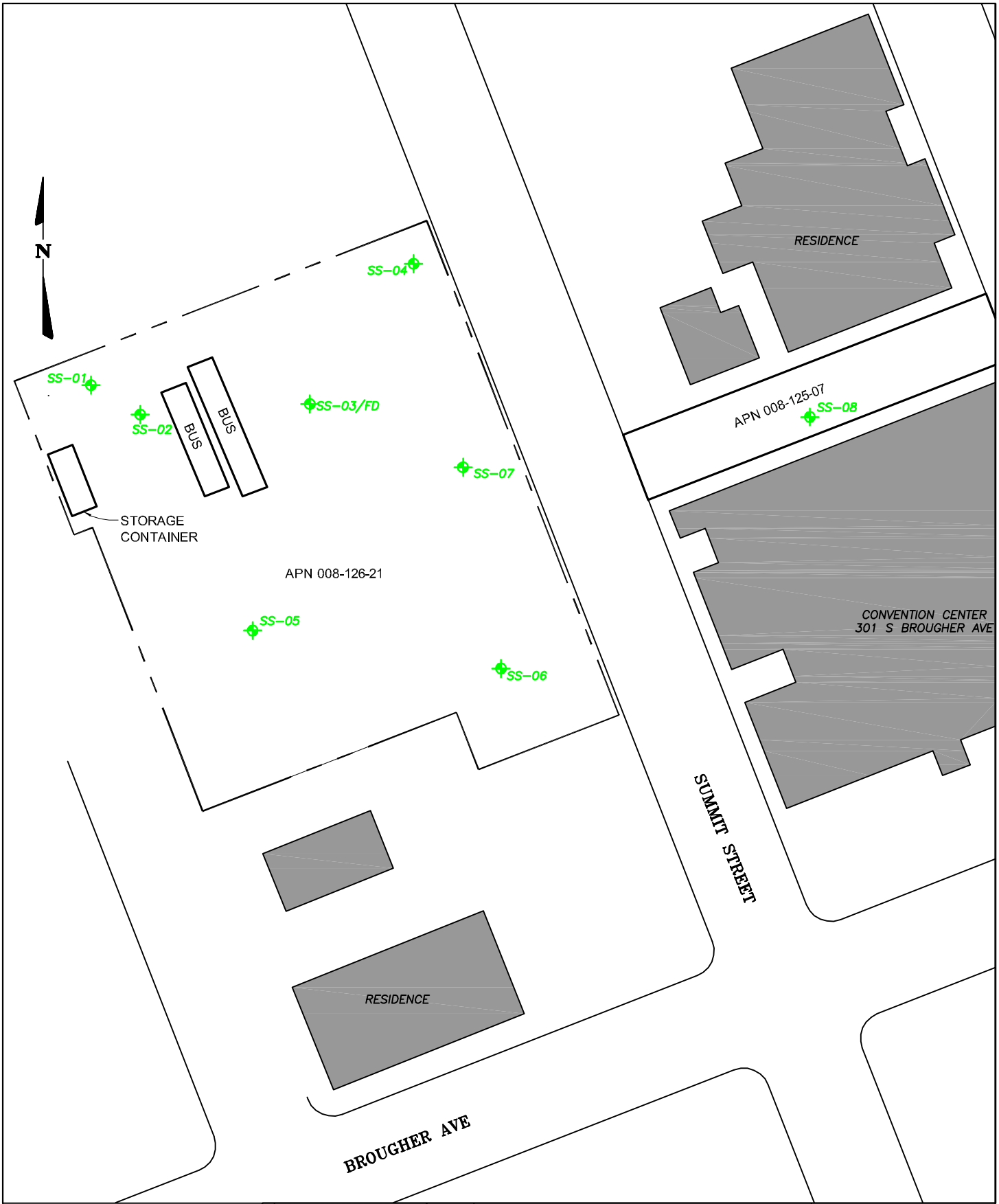
FIGURE 2

PROJECT LOCATION MAP
-SHOWING-
APN 008-125-07 AND 008-126-21
301 BROUGHER AVE
TONOPAH, NEVADA

McGinley & Associates

SCALE: AS SHOWN	REVISION
JOB NO. LV-BRN-009	A

Z:\Projects\Drafting\LV-BRN-009\LV-BRN-009-02.dwg 11/28/11 13:30 TAD



LEGEND

SS-01 SOIL SAMPLE LOCATION

0 20 40

FEET

REFERENCE			
	DESIGNED		BH
	DRAWN		TAD
	CHECKED		
	APPROVED		
REVISIONS	No.	DESCRIPTION BY	DATE

FIGURE 3

PROJECT LOCATION MAP
-SHOWING-
APN 008-125-07 AND 008-126-21
301 BROUGHER AVE
TONOPAH, NEVADA

McGinley & Associates

SCALE: AS SHOWN	REVISION
JOB NO. LV-BRN-009	A

Z:\Projects\Drafting\LV-BRN-009\LV-BRN-009-03 SS.dwg 11/28/11 13:43 TAD

APPENDIX A (ON CD ONLY)

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

Alpha Analytical, Inc.

Phone : (775) 355-1044 FAX : (775) 355-0406

Sample Receipt Checklist

Date Report is due to Client : 11/11/2011 Date of Notice : 11/4/2011 9:55:22 A

Please take note of any NO check marks. If we receive no response concerning these items within 24 hours of the date of this notice, all of the samples will be analyzed as requested.

Client Name: McGinley & Associates
Project ID : LVBRN009/ Tonapah Convention Center
Project Manager: Brett Bottenberg
Client's EMail: bbottenberg@mcgin.com
Client's Phone: (702) 260-4961 Client's FAX: (702) 260-4968
Work Order Number: MGA11110441
Date Received: 11/4/2011 Received by: Sara Coffee

Chain of Custody (COC) Information

Carrier name: OnTrac

Chain of custody present ?	Yes ☑	No ☐	
Custody seals intact on shippping container/cooler ?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles ?	Yes ☑	No ☐	Not Present ☐
Chain of custody signed when relinquished and received ?	Yes ☑	No ☐	
Chain of custody agrees with sample labels ?	Yes ☑	No ☐	
Sample ID noted by Client on COC ?	Yes ☑	No ☐	
Date and time of collection noted by Client on COC ?	Yes ☑	No ☐	
Samplers's name noted on COC ?	Yes ☑	No ☐	
Internal Chain of Custody (COC) requested ?	Yes ☐	No ☑	
Sub Contract Lab Used :	None ☑	See Comments ☐	

Sample Receipt Information

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐		Cooler Temperature
Container/Temp Blank temperature in compliance (0-6°C)?	Yes ☑	No ☐		2 °C
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	N/A ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐		
TOC Water - pH acceptable upon receipt (H2SO4 pH<2)?	Yes ☐	No ☐	N/A ☑	
Are NV non-SDWA 314 samples field filtered (0.2µ)?	Yes ☐	No ☐	N/A ☑	

Analytical Requirement Information

Are non-Standard or Modified methods requested ?	Yes ☐	No ☑	
Are there client specific Project requirements ?	Yes ☐	No ☑	If YES : see the Chain of Custody (COC)
Is this a Drinking Water regulatory sample ?	Yes ☐	No ☑	

Comments :

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968
Date Received : 11/04/11

Job: LVBRN009/ Tonapah Convention Center

Metals by ICPMS
EPA Method SW6020 / SW6020A

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID: **LVBRN009-SS-01-0.0**				
Lab ID : MGA11110441-01A Chromium (Cr)	2.0	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 12:02 Arsenic (As)	39	1.0 mg/Kg	11/08/11	11/09/11
Selenium (Se)	1.4	1.0 mg/Kg	11/08/11	11/09/11
Silver (Ag)	15	1.0 mg/Kg	11/08/11	11/09/11
Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
Barium (Ba)	380	1.0 mg/Kg	11/08/11	11/09/11
Mercury (Hg)	0.71	0.20 mg/Kg	11/08/11	11/09/11
Lead (Pb)	66	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-01-2.0**				
Lab ID : MGA11110441-02A Chromium (Cr)	1.8	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 12:27 Arsenic (As)	45	1.0 mg/Kg	11/08/11	11/09/11
Selenium (Se)	2.9	1.0 mg/Kg	11/08/11	11/09/11
Silver (Ag)	20	1.0 mg/Kg	11/08/11	11/09/11
Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
Barium (Ba)	440	1.0 mg/Kg	11/08/11	11/09/11
Mercury (Hg)	0.74	0.20 mg/Kg	11/08/11	11/09/11
Lead (Pb)	82	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-02-0.0**				
Lab ID : MGA11110441-03A Chromium (Cr)	4.0	1.0 mg/Kg	11/08/11	11/10/11
Date Sampled 11/02/11 12:34 Arsenic (As)	13	1.0 mg/Kg	11/08/11	11/10/11
Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/10/11
Silver (Ag)	4.7	1.0 mg/Kg	11/08/11	11/10/11
Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/10/11
Barium (Ba)	200	1.0 mg/Kg	11/08/11	11/10/11
Mercury (Hg)	0.27	0.20 mg/Kg	11/08/11	11/10/11
Lead (Pb)	34	1.0 mg/Kg	11/08/11	11/10/11
Client ID: **LVBRN009-SS-02-2.0**				
Lab ID : MGA11110441-04A Chromium (Cr)	2.8	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 12:52 Arsenic (As)	24	1.0 mg/Kg	11/08/11	11/09/11
Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/09/11
Silver (Ag)	6.6	1.0 mg/Kg	11/08/11	11/09/11
Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
Barium (Ba)	270	1.0 mg/Kg	11/08/11	11/09/11
Mercury (Hg)	0.44	0.20 mg/Kg	11/08/11	11/09/11
Lead (Pb)	62	1.0 mg/Kg	11/08/11	11/09/11

Alpha Analytical, Inc.

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

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

Client ID: **LVBRN009-SS-03-0.0**						
Lab ID : MGA11110441-05A	Chromium (Cr)	3.7	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 13:01	Arsenic (As)	21	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	1.1	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	12	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	290	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.51	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	40	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-03-2.0**						
Lab ID : MGA11110441-06A	Chromium (Cr)	3.9	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 13:24	Arsenic (As)	58	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	5.3	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	56	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	440	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.49	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	270	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-04-0.0**						
Lab ID : MGA11110441-07A	Chromium (Cr)	6.3	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 13:41	Arsenic (As)	6.8	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	3.5	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	220	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	ND	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	22	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-04-2.0**						
Lab ID : MGA11110441-08A	Chromium (Cr)	2.7	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 14:00	Arsenic (As)	22	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	1.5	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	20	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	250	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.39	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	58	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-05-0.0**						
Lab ID : MGA11110441-09A	Chromium (Cr)	2.2	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 14:07	Arsenic (As)	12	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	1.1	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	17	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	230	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.35	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	89	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-05-2.0**						
Lab ID : MGA11110441-10A	Chromium (Cr)	1.6	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 14:33	Arsenic (As)	18	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	2.7	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	22	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	210	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.22	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	110	1.0 mg/Kg	11/08/11	11/09/11

Alpha Analytical, Inc.

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

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

Client ID: **LVBRN009-SS-06-0.0**						
Lab ID : MGA11110441-11A	Chromium (Cr)	6.2	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 14:45	Arsenic (As)	11	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	140	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	ND	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	9.6	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-06-2.0**						
Lab ID : MGA11110441-12A	Chromium (Cr)	4.8	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 15:07	Arsenic (As)	17	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	8.6	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	200	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.42	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	42	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-07-0.0**						
Lab ID : MGA11110441-13A	Chromium (Cr)	4.7	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 15:20	Arsenic (As)	10	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	7.2	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	170	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.21	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	26	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-07-2.0**						
Lab ID : MGA11110441-14A	Chromium (Cr)	11	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 15:58	Arsenic (As)	33	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	11	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	220	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.45	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	28	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-08-0.0**						
Lab ID : MGA11110441-15A	Chromium (Cr)	1.6	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 16:10	Arsenic (As)	22	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	1.7	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	21	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	350	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.70	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	83	1.0 mg/Kg	11/08/11	11/09/11
Client ID: **LVBRN009-SS-08-2.0**						
Lab ID : MGA11110441-16A	Chromium (Cr)	3.0	1.0 mg/Kg	11/08/11	11/09/11
Date Sampled 11/02/11 16:42	Arsenic (As)	28	1.0 mg/Kg	11/08/11	11/09/11
	Selenium (Se)	1.0	1.0 mg/Kg	11/08/11	11/09/11
	Silver (Ag)	24	1.0 mg/Kg	11/08/11	11/09/11
	Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
	Barium (Ba)	390	1.0 mg/Kg	11/08/11	11/09/11
	Mercury (Hg)	0.72	0.20 mg/Kg	11/08/11	11/09/11
	Lead (Pb)	61	1.0 mg/Kg	11/08/11	11/09/11

Alpha Analytical, Inc.

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

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

Client ID: **LVBRN009-SS-FD-0.0**

Lab ID : MGA11110441-17A

Date Sampled 11/02/11 00:00

Chromium (Cr)	3.7	1.0 mg/Kg	11/08/11	11/09/11
Arsenic (As)	21	1.0 mg/Kg	11/08/11	11/09/11
Selenium (Se)	1.2	1.0 mg/Kg	11/08/11	11/09/11
Silver (Ag)	15	1.0 mg/Kg	11/08/11	11/09/11
Cadmium (Cd)	ND	1.0 mg/Kg	11/08/11	11/09/11
Barium (Ba)	260	1.0 mg/Kg	11/08/11	11/09/11
Mercury (Hg)	0.56	0.20 mg/Kg	11/08/11	11/09/11
Lead (Pb)	44	1.0 mg/Kg	11/08/11	11/09/11

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11

Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-01A
Client I.D. Number: LVBRN009-SS-01-0.0

Sampled: 11/02/11 12:02
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	68	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	42	25 µg/Kg
8	Pyrene	45	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	32	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	95	(54-130) %REC
17	Surr: 4-Terphenyl-d14	87	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-02A
Client I.D. Number: LVBRN009-SS-01-2.0

Sampled: 11/02/11 12:27
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	91	(54-130) %REC
17	Surr: 4-Terphenyl-d14	81	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-03A
Client I.D. Number: LVBRN009-SS-02-0.0

Sampled: 11/02/11 12:34
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	92	(54-130) %REC
17	Surr: 4-Terphenyl-d14	92	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-04A
Client I.D. Number: LVBRN009-SS-02-2.0

Sampled: 11/02/11 12:52
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	92	(54-130) %REC
17	Surr: 4-Terphenyl-d14	80	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-05A
Client I.D. Number: LVBRN009-SS-03-0.0

Sampled: 11/02/11 13:01
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	90	(54-130) %REC
17	Surr: 4-Terphenyl-d14	89	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-06A
Client I.D. Number: LVBRN009-SS-03-2.0

Sampled: 11/02/11 13:24
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	93	(54-130) %REC
17	Surr: 4-Terphenyl-d14	95	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-07A
Client I.D. Number: LVBRN009-SS-04-0.0

Sampled: 11/02/11 13:41
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	28	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	91	(54-130) %REC
17	Surr: 4-Terphenyl-d14	86	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-08A
Client I.D. Number: LVBRN009-SS-04-2.0

Sampled: 11/02/11 14:00
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	31	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	25	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	103	(54-130) %REC
17	Surr: 4-Terphenyl-d14	114	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-09A
Client I.D. Number: LVBRN009-SS-05-0.0

Sampled: 11/02/11 14:07
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	112	(54-130) %REC
17	Surr: 4-Terphenyl-d14	111	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-10A
Client I.D. Number: LVBRN009-SS-05-2.0

Sampled: 11/02/11 14:33
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	99	(54-130) %REC
17	Surr: 4-Terphenyl-d14	98	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com
Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-11A
Client I.D. Number: LVBRN009-SS-06-0.0

Sampled: 11/02/11 14:45
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	88	(54-130) %REC
17	Surr: 4-Terphenyl-d14	80	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-12A
Client I.D. Number: LVBRN009-SS-06-2.0

Sampled: 11/02/11 15:07
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	83	(54-130) %REC
17	Surr: 4-Terphenyl-d14	96	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-13A
Client I.D. Number: LVBRN009-SS-07-0.0

Sampled: 11/02/11 15:20
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	98	(54-130) %REC
17	Surr: 4-Terphenyl-d14	106	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-14A
Client I.D. Number: LVBRN009-SS-07-2.0

Sampled: 11/02/11 15:58
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	88	(54-130) %REC
17	Surr: 4-Terphenyl-d14	97	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-15A
Client I.D. Number: LVBRN009-SS-08-0.0

Sampled: 11/02/11 16:10
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	88	(54-130) %REC
17	Surr: 4-Terphenyl-d14	84	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-16A
Client I.D. Number: LVBRN009-SS-08-2.0

Sampled: 11/02/11 16:42
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	93	(54-130) %REC
17	Surr: 4-Terphenyl-d14	93	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-17A
Client I.D. Number: LVBRN009-SS-FD-0.0

Sampled: 11/02/11 00:00
Received: 11/04/11
Extracted: 11/04/11 11:48
Analyzed: 11/10/11

Semivolatile Organics by GC/MS (SIM)
EPA Method SW8270C

	Compound	Concentration	Reporting Limit
1	Naphthalene	ND	25 µg/Kg
2	Acenaphthylene	ND	25 µg/Kg
3	Acenaphthene	ND	25 µg/Kg
4	Fluorene	ND	25 µg/Kg
5	Phenanthrene	ND	25 µg/Kg
6	Anthracene	ND	25 µg/Kg
7	Fluoranthene	ND	25 µg/Kg
8	Pyrene	ND	25 µg/Kg
9	Benzo(a)anthracene	ND	25 µg/Kg
10	Chrysene	ND	25 µg/Kg
11	Benzo(b&k)fluoranthene, isomeric pair	ND	50 µg/Kg
12	Benzo(a)pyrene	ND	25 µg/Kg
13	Indeno(1,2,3-cd)pyrene	ND	25 µg/Kg
14	Dibenz(a,h)anthracene	ND	25 µg/Kg
15	Benzo(g,h,i)perylene	ND	25 µg/Kg
16	Surr: 2-Fluorobiphenyl	104	(54-130) %REC
17	Surr: 4-Terphenyl-d14	117	(24-145) %REC

Note: EPA Method 8270C CC compounds Acenaphthene, Fluoranthene and Benzo(a)pyrene were evaluated in the CV at the method criteria of 80-120% recovery.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968
Date Received : 11/04/11

Job: LVBRN009/ Tonapah Convention Center

Total Petroleum Hydrocarbons - Extractable (TPH-E) EPA Method SW8015B
Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B

		Parameter	Concentration		Reporting Limit	Date Extracted	Date Analyzed
Client ID :	**LVBRN009-SS-01-0.0**						
Lab ID :	MGA11110441-01A	TPH-E (DRO)	10	L	10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 12:02	TPH-E (ORO)	33		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	125		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/07/11	11/07/11
		Surr: 1,2-Dichloroethane-d4	78		(70-130) %REC	11/07/11	11/07/11
		Surr: Toluene-d8	112		(70-130) %REC	11/07/11	11/07/11
		Surr: 4-Bromofluorobenzene	79		(70-130) %REC	11/07/11	11/07/11
Client ID :	**LVBRN009-SS-01-2.0**						
Lab ID :	MGA11110441-02A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 12:27	TPH-E (ORO)	17		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	113		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/07/11	11/07/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/07/11	11/07/11
		Surr: Toluene-d8	113		(70-130) %REC	11/07/11	11/07/11
		Surr: 4-Bromofluorobenzene	84		(70-130) %REC	11/07/11	11/07/11
Client ID :	**LVBRN009-SS-02-0.0**						
Lab ID :	MGA11110441-03A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 12:34	TPH-E (ORO)	49		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	77		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/07/11	11/07/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/07/11	11/07/11
		Surr: Toluene-d8	115		(70-130) %REC	11/07/11	11/07/11
		Surr: 4-Bromofluorobenzene	92		(70-130) %REC	11/07/11	11/07/11
Client ID :	**LVBRN009-SS-02-2.0**						
Lab ID :	MGA11110441-04A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 12:52	TPH-E (ORO)	31		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	115		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/07/11	11/07/11
		Surr: 1,2-Dichloroethane-d4	78		(70-130) %REC	11/07/11	11/07/11
		Surr: Toluene-d8	115		(70-130) %REC	11/07/11	11/07/11
		Surr: 4-Bromofluorobenzene	77		(70-130) %REC	11/07/11	11/07/11
Client ID :	**LVBRN009-SS-03-0.0**						
Lab ID :	MGA11110441-05A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 13:01	TPH-E (ORO)	11		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	114		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/07/11	11/07/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/07/11	11/07/11
		Surr: Toluene-d8	114		(70-130) %REC	11/07/11	11/07/11
		Surr: 4-Bromofluorobenzene	86		(70-130) %REC	11/07/11	11/07/11

Alpha Analytical, Inc.

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

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

Client ID :	**LVBRN009-SS-03-2.0**						
Lab ID :	MGA11110441-06A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 13:24	TPH-E (ORO)	ND		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	102		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	76		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	115		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	83		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-04-0.0**						
Lab ID :	MGA11110441-07A	TPH-E (DRO)	43	L	25 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 13:41	TPH-E (ORO)	160		50 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	138		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	79		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	114		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	86		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-04-2.0**						
Lab ID :	MGA11110441-08A	TPH-E (DRO)	13	L	10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 14:00	TPH-E (ORO)	76		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	106		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	113		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	81		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-05-0.0**						
Lab ID :	MGA11110441-09A	TPH-E (DRO)	39	L	25 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 14:07	TPH-E (ORO)	110		50 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	124		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	80		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	114		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	78		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-05-2.0**						
Lab ID :	MGA11110441-10A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 14:33	TPH-E (ORO)	12		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	124		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	78		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	116		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	84		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-06-0.0**						
Lab ID :	MGA11110441-11A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 14:45	TPH-E (ORO)	21		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	112		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	117		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	83		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-06-2.0**						
Lab ID :	MGA11110441-12A	TPH-E (DRO)	28	L	25 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 15:07	TPH-E (ORO)	74		50 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	123		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	76		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	116		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	82		(70-130) %REC	11/08/11	11/08/11

Alpha Analytical, Inc.

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

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

Client ID :	**LVBRN009-SS-07-0.0**						
Lab ID :	MGA11110441-13A	TPH-E (DRO)	18	L	10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 15:20	TPH-E (ORO)	84		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	109		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	81		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	113		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	75		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-07-2.0**						
Lab ID :	MGA11110441-14A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 15:58	TPH-E (ORO)	ND		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	112		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	115		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	82		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-08-0.0**						
Lab ID :	MGA11110441-15A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 16:10	TPH-E (ORO)	11		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	90		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	77		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	114		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	86		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-08-2.0**						
Lab ID :	MGA11110441-16A	TPH-E (DRO)	11	L	10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 16:42	TPH-E (ORO)	49		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	135		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	79		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	119		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	79		(70-130) %REC	11/08/11	11/08/11
Client ID :	**LVBRN009-SS-FD-0.0**						
Lab ID :	MGA11110441-17A	TPH-E (DRO)	ND		10 mg/Kg	11/08/11	11/09/11
Date Sampled	11/02/11 00:00	TPH-E (ORO)	16		10 mg/Kg	11/08/11	11/09/11
		Surr: Nonane	112		(62-161) %REC	11/08/11	11/09/11
		TPH-P (GRO)	ND		10 mg/Kg	11/08/11	11/08/11
		Surr: 1,2-Dichloroethane-d4	73		(70-130) %REC	11/08/11	11/08/11
		Surr: Toluene-d8	120		(70-130) %REC	11/08/11	11/08/11
		Surr: 4-Bromofluorobenzene	80		(70-130) %REC	11/08/11	11/08/11

Diesel Range Organics (DRO) C13-C22

Gasoline Range Organics (GRO) C4-C13

L = DRO concentration may include contributions from heavier-end hydrocarbons that elute in the DRO range.

Oil Range Organics (ORO) C22-C40+

Sample results were calculated on a wet weight basis.

ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer

Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11

Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-01A
Client I.D. Number: LVBRN009-SS-01-0.0

Sampled: 11/02/11 12:02
Received: 11/04/11
Extracted: 11/07/11
Analyzed: 11/07/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	78	(70-130) %REC
35	Surr: Toluene-d8	112	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	79	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-02A
Client I.D. Number: LVBRN009-SS-01-2.0

Sampled: 11/02/11 12:27
Received: 11/04/11
Extracted: 11/07/11
Analyzed: 11/07/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	113	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	84	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-03A
Client I.D. Number: LVBRN009-SS-02-0.0

Sampled: 11/02/11 12:34
Received: 11/04/11
Extracted: 11/07/11
Analyzed: 11/07/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
35	Surr: Toluene-d8	115	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	92	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-04A
Client I.D. Number: LVBRN009-SS-02-2.0

Sampled: 11/02/11 12:52
Received: 11/04/11
Extracted: 11/07/11
Analyzed: 11/07/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	78	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	115	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	77	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-05A
Client I.D. Number: LVBRN009-SS-03-0.0

Sampled: 11/02/11 13:01
Received: 11/04/11
Extracted: 11/07/11
Analyzed: 11/07/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
35	Surr: Toluene-d8	114	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	86	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-06A
Client I.D. Number: LVBRN009-SS-03-2.0

Sampled: 11/02/11 13:24
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	76	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	115	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	83	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-07A
Client I.D. Number: LVBRN009-SS-04-0.0

Sampled: 11/02/11 13:41
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	79	(70-130) %REC
35	Surr: Toluene-d8	114	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	86	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-08A
Client I.D. Number: LVBRN009-SS-04-2.0

Sampled: 11/02/11 14:00
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
35	Surr: Toluene-d8	113	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	81	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com
Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-09A
Client I.D. Number: LVBRN009-SS-05-0.0

Sampled: 11/02/11 14:07
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	320 µg/Kg	26	Ethylbenzene	ND	40 µg/Kg
2	Vinyl chloride	ND	80 µg/Kg	27	m,p-Xylene	ND	40 µg/Kg
3	Chloroethane	ND	80 µg/Kg	28	Bromoform	ND	80 µg/Kg
4	Bromomethane	ND	320 µg/Kg	29	o-Xylene	ND	40 µg/Kg
5	Trichlorofluoromethane	ND	80 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	80 µg/Kg
6	1,1-Dichloroethene	ND	80 µg/Kg	31	1,3-Dichlorobenzene	ND	80 µg/Kg
7	Dichloromethane	ND	320 µg/Kg	32	1,4-Dichlorobenzene	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	80 µg/Kg	33	1,2-Dichlorobenzene	ND	80 µg/Kg
9	1,1-Dichloroethane	ND	80 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	80	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	80 µg/Kg	35	Surr: Toluene-d8	114	(70-130) %REC
11	Chloroform	ND	80 µg/Kg	36	Surr: 4-Bromofluorobenzene	78	(70-130) %REC
12	1,2-Dichloroethane	ND	80 µg/Kg				
13	1,1,1-Trichloroethane	ND	80 µg/Kg				
14	Carbon tetrachloride	ND	80 µg/Kg				
15	Benzene	ND	40 µg/Kg				
16	1,2-Dichloropropane	ND	80 µg/Kg				
17	Trichloroethene	ND	80 µg/Kg				
18	Bromodichloromethane	ND	80 µg/Kg				
19	cis-1,3-Dichloropropene	ND	80 µg/Kg				
20	trans-1,3-Dichloropropene	ND	80 µg/Kg				
21	1,1,2-Trichloroethane	ND	80 µg/Kg				
22	Toluene	ND	40 µg/Kg				
23	Dibromochloromethane	ND	80 µg/Kg				
24	Tetrachloroethene	ND	80 µg/Kg				
25	Chlorobenzene	ND	80 µg/Kg				

Reporting Limits were increased due to sample foaming.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-10A
Client I.D. Number: LVBRN009-SS-05-2.0

Sampled: 11/02/11 14:33
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	78	(70-130) %REC
35	Surr: Toluene-d8	116	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	84	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-11A
Client I.D. Number: LVBRN009-SS-06-0.0

Sampled: 11/02/11 14:45
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	117	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	83	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-12A
Client I.D. Number: LVBRN009-SS-06-2.0

Sampled: 11/02/11 15:07
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	76	(70-130) %REC
35	Surr: Toluene-d8	116	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	82	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-13A
Client I.D. Number: LVBRN009-SS-07-0.0

Sampled: 11/02/11 15:20
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	320 µg/Kg	26	Ethylbenzene	ND	40 µg/Kg
2	Vinyl chloride	ND	80 µg/Kg	27	m,p-Xylene	ND	40 µg/Kg
3	Chloroethane	ND	80 µg/Kg	28	Bromoform	ND	80 µg/Kg
4	Bromomethane	ND	320 µg/Kg	29	o-Xylene	ND	40 µg/Kg
5	Trichlorofluoromethane	ND	80 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	80 µg/Kg
6	1,1-Dichloroethene	ND	80 µg/Kg	31	1,3-Dichlorobenzene	ND	80 µg/Kg
7	Dichloromethane	ND	320 µg/Kg	32	1,4-Dichlorobenzene	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	80 µg/Kg	33	1,2-Dichlorobenzene	ND	80 µg/Kg
9	1,1-Dichloroethane	ND	80 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	81	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	80 µg/Kg	35	Surr: Toluene-d8	113	(70-130) %REC
11	Chloroform	ND	80 µg/Kg	36	Surr: 4-Bromofluorobenzene	75	(70-130) %REC
12	1,2-Dichloroethane	ND	80 µg/Kg				
13	1,1,1-Trichloroethane	ND	80 µg/Kg				
14	Carbon tetrachloride	ND	80 µg/Kg				
15	Benzene	ND	40 µg/Kg				
16	1,2-Dichloropropane	ND	80 µg/Kg				
17	Trichloroethene	ND	80 µg/Kg				
18	Bromodichloromethane	ND	80 µg/Kg				
19	cis-1,3-Dichloropropene	ND	80 µg/Kg				
20	trans-1,3-Dichloropropene	ND	80 µg/Kg				
21	1,1,2-Trichloroethane	ND	80 µg/Kg				
22	Toluene	ND	40 µg/Kg				
23	Dibromochloromethane	ND	80 µg/Kg				
24	Tetrachloroethene	ND	80 µg/Kg				
25	Chlorobenzene	ND	80 µg/Kg				

Reporting Limits were increased due to sample foaming.

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-14A
Client I.D. Number: LVBRN009-SS-07-2.0

Sampled: 11/02/11 15:58
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg
10	cis-1,2-Dichloroethene	ND	20 µg/Kg
11	Chloroform	ND	20 µg/Kg
12	1,2-Dichloroethane	ND	20 µg/Kg
13	1,1,1-Trichloroethane	ND	20 µg/Kg
14	Carbon tetrachloride	ND	20 µg/Kg
15	Benzene	ND	20 µg/Kg
16	1,2-Dichloropropane	ND	20 µg/Kg
17	Trichloroethene	ND	20 µg/Kg
18	Bromodichloromethane	ND	20 µg/Kg
19	cis-1,3-Dichloropropene	ND	20 µg/Kg
20	trans-1,3-Dichloropropene	ND	20 µg/Kg
21	1,1,2-Trichloroethane	ND	20 µg/Kg
22	Toluene	ND	20 µg/Kg
23	Dibromochloromethane	ND	20 µg/Kg
24	Tetrachloroethene	ND	20 µg/Kg
25	Chlorobenzene	ND	20 µg/Kg
26	Ethylbenzene	ND	20 µg/Kg
27	m,p-Xylene	ND	20 µg/Kg
28	Bromoform	ND	20 µg/Kg
29	o-Xylene	ND	20 µg/Kg
30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
31	1,3-Dichlorobenzene	ND	20 µg/Kg
32	1,4-Dichlorobenzene	ND	20 µg/Kg
33	1,2-Dichlorobenzene	ND	20 µg/Kg
34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
35	Surr: Toluene-d8	115	(70-130) %REC
36	Surr: 4-Bromofluorobenzene	82	(70-130) %REC

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-15A
Client I.D. Number: LVBRN009-SS-08-0.0

Sampled: 11/02/11 16:10
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	77	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	114	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	86	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-16A
Client I.D. Number: LVBRN009-SS-08-2.0

Sampled: 11/02/11 16:42
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	79	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	119	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	79	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com

Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates
6280 S. Valley View Blvd
Las Vegas, NV 89118
Job: LVBRN009/ Tonapah Convention Center

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax: (702) 260-4968

Alpha Analytical Number: MGA11110441-17A
Client I.D. Number: LVBRN009-SS-FD-0.0

Sampled: 11/02/11 00:00
Received: 11/04/11
Extracted: 11/08/11
Analyzed: 11/08/11

Volatile Organics by GC/MS
EPA Method SW8260B

	Compound	Concentration	Reporting Limit		Compound	Concentration	Reporting Limit
1	Chloromethane	ND	80 µg/Kg	26	Ethylbenzene	ND	20 µg/Kg
2	Vinyl chloride	ND	20 µg/Kg	27	m,p-Xylene	ND	20 µg/Kg
3	Chloroethane	ND	20 µg/Kg	28	Bromoform	ND	20 µg/Kg
4	Bromomethane	ND	80 µg/Kg	29	o-Xylene	ND	20 µg/Kg
5	Trichlorofluoromethane	ND	20 µg/Kg	30	1,1,2,2-Tetrachloroethane	ND	20 µg/Kg
6	1,1-Dichloroethene	ND	20 µg/Kg	31	1,3-Dichlorobenzene	ND	20 µg/Kg
7	Dichloromethane	ND	80 µg/Kg	32	1,4-Dichlorobenzene	ND	20 µg/Kg
8	trans-1,2-Dichloroethene	ND	20 µg/Kg	33	1,2-Dichlorobenzene	ND	20 µg/Kg
9	1,1-Dichloroethane	ND	20 µg/Kg	34	Surr: 1,2-Dichloroethane-d4	73	(70-130) %REC
10	cis-1,2-Dichloroethene	ND	20 µg/Kg	35	Surr: Toluene-d8	120	(70-130) %REC
11	Chloroform	ND	20 µg/Kg	36	Surr: 4-Bromofluorobenzene	80	(70-130) %REC
12	1,2-Dichloroethane	ND	20 µg/Kg				
13	1,1,1-Trichloroethane	ND	20 µg/Kg				
14	Carbon tetrachloride	ND	20 µg/Kg				
15	Benzene	ND	20 µg/Kg				
16	1,2-Dichloropropane	ND	20 µg/Kg				
17	Trichloroethene	ND	20 µg/Kg				
18	Bromodichloromethane	ND	20 µg/Kg				
19	cis-1,3-Dichloropropene	ND	20 µg/Kg				
20	trans-1,3-Dichloropropene	ND	20 µg/Kg				
21	1,1,2-Trichloroethane	ND	20 µg/Kg				
22	Toluene	ND	20 µg/Kg				
23	Dibromochloromethane	ND	20 µg/Kg				
24	Tetrachloroethene	ND	20 µg/Kg				
25	Chlorobenzene	ND	20 µg/Kg				

Sample results were calculated on a wet weight basis.
ND = Not Detected

Roger Scholl Randy Gardner Walter Hinchman

Roger L. Scholl, Ph.D., Laboratory Director • • Randy Gardner, Laboratory Manager • • Walter Hinchman, Quality Assurance Officer
Sacramento, CA • (916) 366-9089 / Las Vegas, NV • (702) 281-4848 / Carson, CA • (714) 386-2901 / info@alpha-analytical.com
Alpha certifies that the test results meet all requirements of NELAC unless footnoted otherwise.
Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV16.

11/11/11
Report Date

Alpha Analytical, Inc.

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

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

Date: *11-Nov-11*

QC Summary Report

Work Order: 11110441

Method Blank

Type: **MBLK** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **110911.B\038_M1.D** Batch ID: **27649** Analysis Date: **11/09/2011 17:29**

Sample ID: **MB-27649** Units : **mg/Kg** Run ID: **ICP/MS_111109A** Prep Date: **11/08/2011 13:57**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chromium (Cr)	ND	1								
Arsenic (As)	ND	1								
Selenium (Se)	ND	1								
Silver (Ag)	ND	1								
Cadmium (Cd)	ND	1								
Barium (Ba)	ND	1								
Mercury (Hg)	ND	0.2								
Lead (Pb)	ND	1								

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **110911.B\038_M2.D** Batch ID: **27649** Analysis Date: **11/09/2011 17:35**

Sample ID: **LCS-27649** Units : **mg/Kg** Run ID: **ICP/MS_111109A** Prep Date: **11/08/2011 13:57**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chromium (Cr)	25.8	1	25		103	80	120			
Arsenic (As)	26	1	25		104	80	120			
Selenium (Se)	25.2	1	25		101	80	120			
Silver (Ag)	25	1	25		100	80	120			
Cadmium (Cd)	26	1	25		104	80	120			
Barium (Ba)	262	1	250		105	80	120			
Mercury (Hg)	0.519	0.2	0.5		104	80	120			
Lead (Pb)	25.6	1	25		103	80	120			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **110911.B\043_M.D** Batch ID: **27649** Analysis Date: **11/09/2011 18:05**

Sample ID: **11110441-01AMS** Units : **mg/Kg** Run ID: **ICP/MS_111109A** Prep Date: **11/08/2011 13:57**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chromium (Cr)	30.4	1	25	2	114	75	125			
Arsenic (As)	87.8	1	25	39.13	195	75	125			M1
Selenium (Se)	26.4	1	25	1.421	99.9	75	125			
Silver (Ag)	41	1	25	15.02	104	75	125			
Cadmium (Cd)	25.6	1	25	0	102	75	125			
Barium (Ba)	750	1	250	380.1	148	75	125			M1
Mercury (Hg)	1.22	0.2	0.5	0.7108	103	75	125			
Lead (Pb)	175	1	25	66.47	436	75	125			M1

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW6020 / SW6020A**

File ID: **110911.B\044_M.D** Batch ID: **27649** Analysis Date: **11/09/2011 18:11**

Sample ID: **11110441-01AMSD** Units : **mg/Kg** Run ID: **ICP/MS_111109A** Prep Date: **11/08/2011 13:57**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chromium (Cr)	26.7	1	25	2	99	75	125	30.43	13.2(20)	
Arsenic (As)	100	1	25	39.13	243	75	125	87.82	13.0(20)	M1
Selenium (Se)	25.8	1	25	1.421	97	75	125	26.39	2.4(20)	
Silver (Ag)	38.1	1	25	15.02	92	75	125	41.04	7.5(20)	
Cadmium (Cd)	24.8	1	25	0	99	75	125	25.59	3.3(20)	
Barium (Ba)	557	1	250	380.1	71	75	125	749.8	29.6(20)	M2 R58
Mercury (Hg)	1.12	0.2	0.5	0.7108	82	75	125	1.224	8.7(20)	
Lead (Pb)	77	1	25	66.47	42	75	125	175.4	78.0(20)	M2 R58

Comments:

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

M1 = Matrix spike recovery was high, the method control sample recovery was acceptable.

M2 = Matrix spike recovery was low, the method control sample recovery was acceptable.

R58 = MS/MSD RPD exceeded the laboratory control limit.

Alpha Analytical, Inc.

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

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

Date: 11-Nov-11

QC Summary Report

Work Order: 11110441

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8270C**

File ID: **11111003.D** Batch ID: **27625** Analysis Date: **11/10/2011 11:29**

Sample ID: **MBLK-27625** Units : **µg/Kg** Run ID: **MSD_16_111104B** Prep Date: **11/04/2011 11:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Naphthalene	ND	25								
Acenaphthylene	ND	25								
Acenaphthene	ND	25								
Fluorene	ND	25								
Phenanthrene	ND	25								
Anthracene	ND	25								
Fluoranthene	ND	25								
Pyrene	ND	25								
Benzo(a)anthracene	ND	25								
Chrysene	ND	25								
Benzo(b&k)fluoranthene, isomeric pair	ND	50								
Benzo(a)pyrene	ND	25								
Indeno(1,2,3-cd)pyrene	ND	25								
Dibenz(a,h)anthracene	ND	25								
Benzo(g,h,i)perylene	ND	25								
Surr: 2-Fluorobiphenyl	285		312.5		91	54	130			
Surr: 4-Terphenyl-d14	228		312.5		73	24	145			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8270C**

File ID: **11111004.D** Batch ID: **27625** Analysis Date: **11/10/2011 11:54**

Sample ID: **LCS-27625** Units : **µg/Kg** Run ID: **MSD_16_111104B** Prep Date: **11/04/2011 11:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Acenaphthene	344	25	312.5		110	53	130			
Pyrene	316	25	312.5		101	26	137			
Surr: 2-Fluorobiphenyl	295		312.5		94	54	130			
Surr: 4-Terphenyl-d14	250		312.5		80	24	145			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8270C**

File ID: **11111009.D** Batch ID: **27625** Analysis Date: **11/10/2011 14:01**

Sample ID: **11110441-01AMS** Units : **µg/Kg** Run ID: **MSD_16_111104B** Prep Date: **11/04/2011 11:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Acenaphthene	644	25	312.5	0	206	26	142			M1
Pyrene	705	25	312.5	44.7	211	5	154			M1
Surr: 2-Fluorobiphenyl	299		312.5		96	54	130			
Surr: 4-Terphenyl-d14	424		312.5		136	24	145			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8270C**

File ID: **11111010.D** Batch ID: **27625** Analysis Date: **11/10/2011 14:26**

Sample ID: **11110441-01AMSD** Units : **µg/Kg** Run ID: **MSD_16_111104B** Prep Date: **11/04/2011 11:48**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Acenaphthene	328	25	312.5	0	105	26	142	644.1	64.9(38)	R58
Pyrene	392	25	312.5	44.7	111	5	154	705.2	57.1(50)	R58
Surr: 2-Fluorobiphenyl	311		312.5		99.7	54	130			
Surr: 4-Terphenyl-d14	329		312.5		105	24	145			

Comments:

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

M1 = Matrix spike recovery was high, the method control sample recovery was acceptable.

R58 = MS/MSD RPD exceeded the laboratory control limit.

Alpha Analytical, Inc.

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

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

Date: *11-Nov-11*

QC Summary Report

Work Order: 11110441

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A11081137.D** Batch ID: **27645** Analysis Date: **11/09/2011 09:50**

Sample ID: **MBLK-27645** Units : **mg/Kg** Run ID: **FID_2_111108A** Prep Date: **11/08/2011 11:27**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	ND	10								
TPH-E (ORO)	ND	10								
Surr: Nonane	6.48		6		108	62	161			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A11081138.D** Batch ID: **27645** Analysis Date: **11/09/2011 10:15**

Sample ID: **LCS-27645** Units : **mg/Kg** Run ID: **FID_2_111108A** Prep Date: **11/08/2011 11:27**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	84.7	5	100		85	70	130			
Surr: Nonane	6.86		6		114	62	161			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A11081140.D** Batch ID: **27645** Analysis Date: **11/09/2011 11:05**

Sample ID: **11110441-01AMS** Units : **mg/Kg** Run ID: **FID_2_111108A** Prep Date: **11/08/2011 11:27**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	109	5	100	10.04	99	50	149			
Surr: Nonane	7.64		6		127	62	161			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C Ext**

File ID: **2A11081141.D** Batch ID: **27645** Analysis Date: **11/09/2011 11:30**

Sample ID: **11110441-01AMSD** Units : **mg/Kg** Run ID: **FID_2_111108A** Prep Date: **11/08/2011 11:27**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-E (DRO)	101	5	100	10.04	91	50	149	108.9	7.5(46)	
Surr: Nonane	7.7		6		128	62	161			

Comments:

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

Alpha Analytical, Inc.

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

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

Date: *11-Nov-11*

QC Summary Report

Work Order: 11110441

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8015B/C**

File ID: **11110728.D** Batch ID: **MS08S7627B** Analysis Date: **11/07/2011 18:39**

Sample ID: **MBLK MS08S7627B** Units : **mg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 18:39**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	10								
Surr: 1,2-Dichloroethane-d4	0.162		0.2		81	70	130			
Surr: Toluene-d8	0.223		0.2		112	70	130			
Surr: 4-Bromofluorobenzene	0.169		0.2		84	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8015B/C**

File ID: **11110734.D** Batch ID: **MS08S7627B** Analysis Date: **11/07/2011 20:58**

Sample ID: **GLCS MS08S7627B** Units : **mg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 20:58**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	16.3	2	16		102	63	148			
Surr: 1,2-Dichloroethane-d4	0.31		0.4		77	70	130			
Surr: Toluene-d8	0.414		0.4		103	70	130			
Surr: 4-Bromofluorobenzene	0.353		0.4		88	70	130			

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8015B/C**

File ID: **11110735.D** Batch ID: **MS08S7627B** Analysis Date: **11/07/2011 21:21**

Sample ID: **11110441-02AGS** Units : **mg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 21:21**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	15.9	2	16	0	99	35	166			
Surr: 1,2-Dichloroethane-d4	0.31		0.4		78	70	130			
Surr: Toluene-d8	0.419		0.4		105	70	130			
Surr: 4-Bromofluorobenzene	0.365		0.4		91	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8015B/C**

File ID: **11110736.D** Batch ID: **MS08S7627B** Analysis Date: **11/07/2011 21:44**

Sample ID: **11110441-02AGSD** Units : **mg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 21:44**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	17.6	2	16	0	110	35	166	15.87	10.4(33)	
Surr: 1,2-Dichloroethane-d4	0.306		0.4		77	70	130			
Surr: Toluene-d8	0.418		0.4		104	70	130			
Surr: 4-Bromofluorobenzene	0.355		0.4		89	70	130			

Comments:

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

Alpha Analytical, Inc.

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

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

Date: *11-Nov-11*

QC Summary Report

Work Order: 11110441

Method Blank

Type: **MBLK** Test Code: **EPA Method SW8260B**

File ID: **11110728.D** Batch ID: **MS08S7627A** Analysis Date: **11/07/2011 18:39**

Sample ID: **MBLK MS08S7627A** Units : **µg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 18:39**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
Chloromethane	ND	40								
Vinyl chloride	ND	20								
Chloroethane	ND	20								
Bromomethane	ND	40								
Trichlorofluoromethane	ND	20								
1,1-Dichloroethene	ND	20								
Dichloromethane	ND	40								
trans-1,2-Dichloroethene	ND	20								
1,1-Dichloroethane	ND	20								
cis-1,2-Dichloroethene	ND	20								
Chloroform	ND	20								
1,2-Dichloroethane	ND	20								
1,1,1-Trichloroethane	ND	20								
Carbon tetrachloride	ND	20								
Benzene	ND	20								
1,2-Dichloropropane	ND	20								
Trichloroethene	ND	20								
Bromodichloromethane	ND	20								
cis-1,3-Dichloropropene	ND	20								
trans-1,3-Dichloropropene	ND	20								
1,1,2-Trichloroethane	ND	20								
Toluene	ND	20								
Dibromochloromethane	ND	20								
Tetrachloroethene	ND	20								
Chlorobenzene	ND	20								
Ethylbenzene	ND	20								
m,p-Xylene	ND	20								
Bromoform	ND	20								
o-Xylene	ND	20								
1,1,2,2-Tetrachloroethane	ND	20								
1,3-Dichlorobenzene	ND	20								
1,4-Dichlorobenzene	ND	20								
1,2-Dichlorobenzene	ND	20								
Surr: 1,2-Dichloroethane-d4	162		200		81	70	130			
Surr: Toluene-d8	223		200		112	70	130			
Surr: 4-Bromofluorobenzene	169		200		84	70	130			

Laboratory Control Spike

Type: **LCS** Test Code: **EPA Method SW8260B**

File ID: **11110731.D** Batch ID: **MS08S7627A** Analysis Date: **11/07/2011 19:49**

Sample ID: **LCS MS08S7627A** Units : **µg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 19:49**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	155	20	400		39	10	132			
Benzene	441	10	400		110	70	138			
Trichloroethene	546	20	400		137	70	150			
Toluene	476	10	400		119	70	137			
Chlorobenzene	476	20	400		119	10	137			
Ethylbenzene	444	10	400		111	70	138			
m,p-Xylene	473	10	400		118	70	145			
o-Xylene	459	10	400		115	70	145			
Surr: 1,2-Dichloroethane-d4	355		400		89	70	130			
Surr: Toluene-d8	381		400		95	70	130			
Surr: 4-Bromofluorobenzene	417		400		104	70	130			

Alpha Analytical, Inc.

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

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

Date: *11-Nov-11*

QC Summary Report

Work Order: 11110441

Sample Matrix Spike

Type: **MS** Test Code: **EPA Method SW8260B**

File ID: **11110732.D** Batch ID: **MS08S7627A** Analysis Date: **11/07/2011 20:12**

Sample ID: **11110441-02AMS** Units : **µg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 20:12**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	158	20	400	0	39	10	132			
Benzene	395	10	400	0	99	53	150			
Trichloroethene	484	20	400	0	121	48	165			
Toluene	426	10	400	0	107	51	149			
Chlorobenzene	424	20	400	0	106	51	147			
Ethylbenzene	397	10	400	0	99	54	150			
m,p-Xylene	417	10	400	0	104	50	161			
o-Xylene	410	10	400	0	103	35	177			
Surr: 1,2-Dichloroethane-d4	349		400		87	70	130			
Surr: Toluene-d8	383		400		96	70	130			
Surr: 4-Bromofluorobenzene	416		400		104	70	130			

Sample Matrix Spike Duplicate

Type: **MSD** Test Code: **EPA Method SW8260B**

File ID: **11110733.D** Batch ID: **MS08S7627A** Analysis Date: **11/07/2011 20:35**

Sample ID: **11110441-02AMSD** Units : **µg/Kg** Run ID: **MSD_08_111107A** Prep Date: **11/07/2011 20:35**

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
1,1-Dichloroethene	148	20	400	0	37	10	132	157.9	6.4(40)	
Benzene	476	10	400	0	119	53	150	394.8	18.6(26)	
Trichloroethene	581	20	400	0	145	48	165	484	18.3(26)	
Toluene	518	10	400	0	130	51	149	426.3	19.4(26)	
Chlorobenzene	516	20	400	0	129	51	147	424.2	19.5(40)	
Ethylbenzene	483	10	400	0	121	54	150	397.3	19.5(29)	
m,p-Xylene	517	10	400	0	129	50	161	417.4	21.2(38)	
o-Xylene	500	10	400	0	125	35	177	410	19.7(40)	
Surr: 1,2-Dichloroethane-d4	355		400		89	70	130			
Surr: Toluene-d8	386		400		96	70	130			
Surr: 4-Bromofluorobenzene	398		400		99	70	130			

Comments:

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

Billing Information :

CHAIN-OF-CUSTODY RECORD

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

NV

WorkOrder : MGAL11110441

Report Due By : 5:00 PM On : 11-Nov-11

Client:
McGinley & Associates
6280 S. Valley View Blvd
Ste 604
Las Vegas, NV 89118

Report Attention	Phone Number	EMail Address
Brett Bottenberg	(702) 260-4961 x	bbottenberg@mcgin.com

EDD Required : **Yes**

Sampled by : Brett Bottenberg

PO :

Client's COC # : 56193, 56195 Job : LVBRN009/ Tonapah Convention Center

Cooler Temp	Samples Received	Date Printed
2 °C	04-Nov-11	**04-Nov-11**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO	PNA_SIM_S	TPH/E_S	TPH/P_S	VOC_S				Sample Remarks
MGA11110441-01A	LVBRN009-SS-01-0.0	SO	11/02/11 12:02	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-02A	LVBRN009-SS-01-2.0	SO	11/02/11 12:27	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-03A	LVBRN009-SS-02-0.0	SO	11/02/11 12:34	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-04A	LVBRN009-SS-02-2.0	SO	11/02/11 12:52	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-05A	LVBRN009-SS-03-0.0	SO	11/02/11 13:01	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-06A	LVBRN009-SS-03-2.0	SO	11/02/11 13:24	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-07A	LVBRN009-SS-04-0.0	SO	11/02/11 13:41	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-08A	LVBRN009-SS-04-2.0	SO	11/02/11 14:00	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				

Comments: Security seals intact. Frozen Ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Sara Coffee	Sara Coffee	**Alpha Analytical, Inc.**	11/4/11 9:35

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

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

NV

WorkOrder : MGAL11110441

Report Due By : 5:00 PM On : 11-Nov-11

Client:
McGinley & Associates
6280 S. Valley View Blvd
Ste 604
Las Vegas, NV 89118

Report Attention	Phone Number	EMail Address
Brett Bottenberg	(702) 260-4961 x	bbottenberg@mcgin.com

EDD Required : **Yes**

Sampled by : Brett Bottenberg

PO :

Client's COC # : 56193, 56195 Job : LVBRN009/ Tonapah Convention Center

Cooler Temp	Samples Received	Date Printed
2 °C	04-Nov-11	04-Nov-11

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO	PNA_SIM_S	TPH/E_S	TPH/P_S	VOC_S				Sample Remarks
MGA11110441-09A	LVBRN009-SS-05-0.0	SO	11/02/11 14:07	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-10A	LVBRN009-SS-05-2.0	SO	11/02/11 14:33	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-11A	LVBRN009-SS-06-0.0	SO	11/02/11 14:45	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-12A	LVBRN009-SS-06-2.0	SO	11/02/11 15:07	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-13A	LVBRN009-SS-07-0.0	SO	11/02/11 15:20	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-14A	LVBRN009-SS-07-2.0	SO	11/02/11 15:58	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-15A	LVBRN009-SS-08-0.0	SO	11/02/11 16:10	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				
MGA11110441-16A	LVBRN009-SS-08-2.0	SO	11/02/11 16:42	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				

Comments: Security seals intact. Frozen Ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Sara Coffee	Sara Coffee	Alpha Analytical, Inc.	11/4/11 9:35

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

Billing Information :

CHAIN-OF-CUSTODY RECORD

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

NV

WorkOrder : MGAL11110441

Report Due By : 5:00 PM On : 11-Nov-11

Client:
McGinley & Associates
6280 S. Valley View Blvd
Ste 604
Las Vegas, NV 89118

Report Attention	Phone Number	EMail Address
Brett Bottenberg	(702) 260-4961 x	bbottenberg@mcgin.com

EDD Required : **Yes**

Sampled by : Brett Bottenberg

PO :

Client's COC # : 56193, 56195 Job : LVBRN009/ Tonapah Convention Center

Cooler Temp	Samples Received	Date Printed
2 °C	04-Nov-11	**04-Nov-11**

QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha	Sub	TAT	Requested Tests METALS_SO	PNA_SIM_S	TPH/E_S	TPH/P_S	VOC_S				Sample Remarks
MGA11110441-17A	LVBRN009-SS-FD-0.0	SO	11/02/11 00:00	2	0	5	As, Ba, Cd, Cr, Pb, Hg, Ag, Se	SIM	TPH/E_N	GAS-N	8260_Ns				

Comments: Security seals intact. Frozen Ice. :

	Signature	Print Name	Company	Date/Time
Logged in by:	Sara Loftee	Sara Loftee	**Alpha Analytical, Inc.**	11/4/11 9:35

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

Matrix Type : AQ(Aqueous) AR(Air) SO(Soil) WS(Waste) DW(Drinking Water) OT(Other) Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

56193

Billing Information:
Company Name McGinley & Associates
Attn: Brett Bottenberg
Address 6280 S. Valley View Blvd. #604
City, State, Zip Las Vegas, NV 89118
Phone Number 702-260-4961 Fax 702-260-4968

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

Samples Collected From Which State?
AZ ____ CA ____ NV X WA ____ DOD Site ____
ID ____ OR ____ OTHER ____ Page # 1 of 2

Consultant / Client Name: MGA
Address: SAME AS ABOVE
City, State, Zip:
Job # LVBRN009 Job Name Tonopah Convention Ctr
Report Attention / Project Manager
Name: Brett Bottenberg
Email: bbottenberg@mcgin.com
Phone: 702-260-4961 Mobile: 702-232-5247
P.O. # LV037

Data Validation Level: III or IV
EDD / EDF? YES X NO ____
Global ID # ____

Time Sampled	Date Sampled	Matrix* See Key Below	Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	Analyses Required: 8260	8270-SIM	8015-Full	RCRA 8				REMARKS
12:02	11/2	SO	MGA1111044 1-01A	LVBRN009-SS-01-0.0	5-DAY		2-5	X	X	X	X				
12:27			-02A	-01-2.0											
12:34			-03A	-02-0.0											
12:52			-04A	-02-2.0											
1:01			-05A	-03-0.0											
1:24			-06A	-03-2.0											
1:41			-07A	-04-0.0											
2:00			-08A	-04-2.0											
2:07			-09A	-05-0.0											
2:33			-10A	-05-2.0											
2:45			-11A	-06-0.0											
3:07			-12A	-06-2.0											
3:20			-13A	-07-0.0											

FOR LAB USE ONLY

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Brett Bottenberg

Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:
	Glenn Thompson / ALPHA	11-2-	5:PM
Relinquished by: (Signature/Affiliation) 11-3-11 4:30 PM	Received by: (Signature/Affiliation) Sara Cokkee/alpha	Date: 11/4/11	Time: 9:15
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.

56195

Billing Information:
Company Name McGinley & Associates
Attn: Brett Bottenberg
Address 6280 S. Valley View Blvd #604
City, State, Zip Las Vegas, NV 89118
Phone Number 702-260-4961 Fax 702-260-4968

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

Samples Collected From Which State?
AZ ___ ***CA*** ___ ***NV*** X ***WA*** ___ ***DOD Site*** ___
ID ___ ***OR*** ___ ***OTHER*** ___ ***Page #*** 2 ***of*** 2

Consultant / Client Name: SAME
Address:
City, State, Zip:
Job # LVBLN009 Job Name Tuscany Convention Ctr.
Report Attention / Project Manager
Name: Brett Bottenberg
Email: bbottenberg@mcgin.com
Phone: 702-260-4961 Mobile: 702-232-5247

Data Validation Level: III or IV
EDD / EDF? YES X ***NO*** ___
Global ID # ___

Time Sampled	Date Sampled	Matrix* See Key Below	P.O. # LV037 / Lab ID Number (Office Use Only)	Sample Description	TAT	Field Filtered	# Containers**	Analyses Required: 8260	8270	TPH-Fuel	RCRA 8				REMARKS
3:58	11/2	SO	-14A	LVBLN009-SS-07-2.0	5 DAY		2-5	X	X	X	X				
4:10	↓	↓	-15A	-08-0.0	↓		↓	↓	↓	↓	↓				
4:42			-16A	-08-2.0											
—			-17A	-FD-0.0											

FOR LAB USE ONLY

ADDITIONAL INSTRUCTIONS:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled By: Brett Bottenberg

Relinquished by: (Signature/Affiliation) Brett Bottenberg	Received by: (Signature/Affiliation) Jason Thompson/ALPHA	Date: 11-3-11	Time: 5 PM
Relinquished by: (Signature/Affiliation) Jason Thompson/ALPHA 11-3-11 7:30	Received by: (Signature/Affiliation) Dara Coffee	Date: 11/4/11	Time: 9:15
Relinquished by: (Signature/Affiliation)	Received by: (Signature/Affiliation)	Date:	Time:

*Key: AQ - Aqueous SO - Soil WA - Waste OT - Other AR - Air **: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this coc. The liability of the laboratory is limited to the amount paid for the report.