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LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

**Former Gas Station and Convenience Store
Main Street
APN 002-053-01 and 002-053-02
Silver Peak
Esmeralda County
Nevada**

***Contract DEP14-008
Task Number MA04-18***

Prepared for:

***State of Nevada
Department of Conservation & Natural Resources
Division of Environmental Protection
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December 8, 2017

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1. INTRODUCTION

McGinley & Associates (MGA) conducted a Limited Phase II Environmental Site Assessment (ESA) for the above referenced subject property located on Main Street in Silver Peak, NV. These assessment activities were conducted on behalf of Nye County and the Rural Desert Southwest Brownfields Coalition (RDSBC) for the Nevada Division of Environmental Protection (NDEP) utilizing funding provided by the State of Nevada Brownfields Program (NBP), Contract DEP14-008, Task Number M22-17. MGA conducted this investigation for the purpose of investigating previously identified *recognized environmental conditions* (RECs) on the subject property. The site location is indicated in Figure 1.

2. BACKGROUND

A Phase I ESA of the above referenced Subject Property was conducted by BEC Environmental, Inc. for NDEP on behalf of Nye County and the RDSBC and dated December 23, 2016. The Phase I ESA report concluded that the assessment revealed no evidence of recognized environmental conditions (REC) or conditional recognized environmental conditions (CREC) in connection with the property except the following:

- *Based on the presence of fuel pumps not connected to fuel tanks above ground and the possible subsurface piping associated with former fuel dispensing activities, the lack of secondary containment for the fuel tanks, and years of operation of the gas station, the potential exists for the release of petroleum hydrocarbons commingled with lead into the subsurface of the subject site.*
- *Based on the age of the gas station change booth, the potential exists for lead-based paint (LBP) on the interior and exterior of the structure.*
- *Based on the age of the building, the potential exists for asbestos-containing materials (ACM) in the convenience store.*

3. OBJECTIVES

The objectives of the ESA activities were to address the RECs identified during a previous Phase I ESA (Section 2) and to assess for the presence of regulated, hazardous, or potentially hazardous chemical constituents in the soils located on the subject property. 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).

4. SCOPE OF SERVICES

The ESA activities performed by MGA for the limited Phase II ESA were conducted in accordance with EPA and MGA Standard Operating Procedures (SOP) and Health and Safety Plan (HASP). On site activities consisted of the following:

- Excavation of four trenches proximal to the above ground storage tanks and product dispensers;
- Collecting 13 soil samples from the trenches;

- Analytical testing of all collected soil samples; and
- Preparing a technical report complete with findings and recommendations.

5. ENVIRONMENTAL INVESTIGATION

Limited Phase II ESA field activities were performed by MGA on June 20, 2017. Based on visual identification of potentially contaminated areas and MGA's understanding of the historical uses of the site, four trenches were excavated by on-site personnel using a backhoe. The trenches varied in size from ten to 20 feet in length; were all three feet wide; and were advanced to depths ranging between three to 7.5 feet below ground surface (bgs).

The first trench was excavated to the east of the former store (west of dispensers). Upon investigation, product lines were encountered approximately 1.5 feet bgs and appeared to be leading from the above ground storage tanks (ASTs) to the dispensers. Four soil samples (SS-01 – SS-04) were collected from the first excavation at depths of one foot, 1.5 feet, five feet, and 7.5 feet bgs. Composition of the native material changed from soft sand to impenetrable at approximately 7.5 feet bgs, where excavation equipment met refusal. Three soil samples (SS-05 – SS-07) were collected from the western trench at one foot, five feet, and at 6.5 feet bgs. Upon excavation, product lines and an empty underground storage tank (UST) were discovered proximal to the ASTs on the west side of the building at approximately five feet bgs. The third sample in this excavation was collected as close to the UST as field conditions allowed. A third trench was excavated proximal to the dispensers, where samples identified as "DISPENSER-1" and "DISPENSER-2" were collected at depths of one-foot bgs and five-feet bgs, respectively. Finally, a fourth trench was excavated parallel to the two ASTs located on the south of the change booth building. Four samples were collected including two on the west end of the trench (SS-08 and SS-09) at one-foot bgs and five-feet bgs respectively, and two on the east end of the trench (SS-10 and SS-11) at one-foot and five-feet bgs respectively.

Each sample was collected from the middle of the backhoe bucket using a hand trowel, or directly from the trench where field conditions allowed, and subsequently placed into laboratory provided glass jars and stored in a cooler on ice. Between each sampling location, all sampling tools were decontaminated with an Alconox and distilled water solution. The trench, sample collection, UST, AST, and dispenser locations are shown on Figure 2.

5.1 Analytical Testing

Soil samples were delivered under chain-of-custody protocol to Asset Laboratories located in Las Vegas, Nevada. The soil samples were analyzed for volatile organic compounds (VOC) by EPA Method 8260, total petroleum hydrocarbons (TPH) diesel range (DRO), gasoline range (GRO) and oil range (ORO) by EPA Method 8015B, polycyclic aromatic hydrocarbons (PAH) via EPA Method 8270CSIM, and total metals comprised of lead, cadmium, and chromium via EPA Method 6010B. A copy of the chain-of-custody records for the soil samples are provided in Appendix A.

5.2 Analytical results

The soil analytical results are presented in Table 1 and summarized below:

- Concentrations of TPH in the gasoline range (GRO) were detected in two of the 13 soil samples at 2.7 mg/kg (DISPENSER-2 at 5.0 feet bgs) and at 10 mg/kg (SS-04 at 7.5 feet bgs);
- Concentrations of TPH in the diesel range (DRO) were reported in nine of the 13 soil

- samples ranging from 35 mg/kg (SS-08 at 1.0 feet bgs) to 140 mg/kg (SS-03 at 5.0 feet bgs);
- Concentrations of TPH in the oil range (ORO) were reported in nine of the 13 soil samples ranging from 17 mg/kg (SS-04 at 7.5 feet bgs) to 140 mg/kg (DISPENSER-1 at 1.0 feet bgs);
 - Detectable concentrations of 1-methylnaphthalene (0.052 mg/kg to 1.3 mg/kg), 2-methylnaphthalene (0.02 mg/kg to 2.4 mg/kg), chrysene (0.005 mg/kg to 0.011 mg/kg), fluoranthene (0.008 mg/kg to 0.017 mg/kg), naphthalene (0.008 mg/kg to 3.8 mg/kg), phenanthrene (0.005 mg/kg to 0.052 mg/kg), and pyrene (0.0065 mg/kg to 0.017 mg/kg) were commonly reported in soil samples SS-03 through SS-05 and both samples near the dispensers;
 - Detectable concentrations of benzo(a)anthracene (0.0085 mg/kg), benzo(a)pyrene (0.005 mg/kg), and benzo(b)fluoranthene (0.012 mg/kg) were reported in one sample location, SS-05 at 1.0 feet bgs;
 - Detectable concentrations of VOCs including 1,2,4-trimethylbenzene (1.5 mg/kg), 1,3,5-trimethylbenzene (0.74 mg/kg), 4-isopropyltoluene (0.013 mg/kg), benzene (0.009 mg/kg), ethylbenzene (0.15 mg/kg), isopropylbenzene (0.011 mg/kg), total xylenes (1.37 mg/kg), methyl-tert-butyl ether (0.034 mg/kg), n-propylbenzene (0.047 mg/kg), naphthalene (3.8 mg/kg), sec-butylbenzene (0.0076 mg/kg), and toluene (0.4 mg/kg) were reported in SS-04 at 7.5 feet bgs;
 - Detectable concentrations of VOCs including 1,2,4-trimethylbenzene (1.5 mg/kg), 1,3,5-trimethylbenzene (0.74 mg/kg), ethylbenzene (0.075 mg/kg), isopropylbenzene (0.006 mg/kg), total xylenes (0.59 mg/kg), n-propylbenzene (0.027 mg/kg), naphthalene (0.047 mg/kg), and toluene (0.14 mg/kg) were reported in DISPENSER-2 at 5.0 feet bgs;
 - Detectable concentrations of 1,2,4-Trimethylbenzene (0.023 mg/kg), 1,3,5-trimethylbenzene (0.019 mg/kg), naphthalene (0.12 mg/kg), and sec-butylbenzene (0.017 mg/kg) were reported in SS-03 at 5.0 feet bgs;
 - Cadmium was reported to be 1.1 mg/kg in one soil sample (SS-05 at 1.0 feet bgs);
 - Chromium concentrations were reported in all collected soil samples and ranged from 7.8 mg/kg (SS-07 at 6.5 feet bgs) to 16.0 mg/kg (SS-05 at 1.0 feet bgs); and
 - Lead concentrations were reported in all collected soil samples and ranged from 6.8 mg/kg (SS-07 at 6.5 feet bgs) to 150 mg/kg (SS-05 at 1.0 feet bgs).

6. DATA QUALITY

6.1 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 and transported under proper chain-of-custody protocol until they were received by the laboratory (see chain-of-custody records provided in Appendix A).

6.2 Laboratory Analytical Data

The laboratory analytical data for the soil samples were in compliance with the data quality objectives established in the laboratory's SOP.

7. SUMMARY OF FIELD ACTIVITIES

- Four trenches were excavated proximal to the above ground storage tanks and dispensers by on-site personnel using a backhoe;
- Four soil samples were collected from the east trench at depths of approximately one, 1.5, five, and 7.5 feet bgs;
- Three soil samples were collected from the west trench at depths of one, five, and 6.5 feet bgs;
- Four soil samples were collected at two different locations in the southern trench at depths of one and five feet bgs; and
- Two soil samples were collected near the dispensers at depths of one and five feet bgs.

8. FINDINGS AND CONCLUSIONS

McGinley & Associates conducted a Limited Phase II ESA of the former gasoline station and convenience store located on Main Street in Silver Peak, Nevada. The ESA activities were supervised and reviewed by a Nevada CEM as required by the State of Nevada NAC 459. The assessment was performed to determine the presence of regulated, hazardous, or potentially hazardous chemical constituents in the soils associated with ASTs and dispensers at the former gas station. The following are findings of the assessment:

- With the exception of sample SS-04, all of the collected soil samples which had a TPH concentration above laboratory detection limits were found to exceed the combined TPH Nevada reportable concentration of 100 mg/kg;
- None of the detectable concentrations of VOC constituents exceeded their respective EPA Region 9 RSLs;
- None of the detectable concentrations of PAH constituents exceeded their respective EPA Region 9 RSLs;
- None of the detectable concentrations of cadmium, chromium, or lead exceeded their respective EPA Region 9 RSLs.

The analytical results indicate that combined TPH (DRO + ORO + GRO) concentrations are above the State of Nevada reportable concentration of 100 mg/kg and it is estimated that more than three cubic yards of soil have been impacted. No VOC constituents, PAH constituents, or metal constituents analyzed for were reported to be above EPA Region 9 RSLs.

In accordance with the NAC 445A.345 to 445A.348, a release is required to be reported when soil contamination exceeds the Nevada RC and exceeds three cubic yards of contaminated material. Therefore, on August 11, 2017, the spill discovery was reported to NDEP. The spill report prepared by NDEP describing the discovery is identified as NDEP #170811-03. A copy of the report is provided in Appendix B.

9. RECOMMENDATIONS

The NDEP has established the following four closure options for petroleum impacted soils (NDEP, June 2014).

- 1) **Clean Closure:** all confirmation soil samples (using analytical EPA Method 8015 modified) at the site are below 100 mg/kg for TPH;

- 2) **Analyte-Specific Closure:** all confirmation soil samples show that petroleum hydrocarbon constituents are below default screening levels (i.e., Soil Action Levels) established by the NDEP to be protective of direct contact exposure and leaching to groundwater. Constituents to be screened are selected based on their toxicity (both cancer and non-cancer hazards) and presence in petroleum formulations;
- 3) **A-thru-K Closure:** concentrations of petroleum hydrocarbons and petroleum constituents above screening levels may be left in place based on site-specific analysis of the A-thru-K factors listed in the corrective action regulations to show that known residual concentrations are still protective even if they are above action levels;
- 4) **ASTM RBCA Closure:** all concentrations of petroleum hydrocarbons and constituents are below Site-Specific Target Levels established through a Tier II or Tier III analysis conducted consistent with the ASTM Risk-Based Corrective Action (RBCA) Method E1739-95 or equivalent.

The analytical results pertaining to soil samples collected during the Phase II ESA activities reported that petroleum hydrocarbon constituents including target VOCs, PAHs, and metals were all below default screening levels established by the NDEP to be protective of direct contact exposure and leaching to groundwater. Constituents to be screened were selected based on their toxicity (both cancer and non-cancer hazards) and presence in petroleum formulations. Therefore, based on these results and pursuant to the Nevada Administrative Code (NAC) 445A.227 and the NDEP *Path to Closure Workshop, June 2014*, we recommend this case be considered for a No Further Action determination via an “Analyte-Specific Closure”.

10. 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.

11. CLOSING

Should you have any questions regarding this report please contact Brett Bottenberg at (702) 260-4961 or via email at bbottenberg@mcgin.com.

Respectfully submitted,
McGinley and Associates, Inc.



Jonathan T. Payne
Staff Geologist

Reviewed by:

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, P.E., C.E.M. #1690, Exp. 10/07/19
Senior Project Manager

12. REFERENCES

BEC Environmental, “Phase I Environmental Site Assessment”, December 2016.

MGA, “Standard Operating Procedures”, March 1, 2001.

US EPA, “Soil Sampling Standard Operating Procedure”, August 1997

Table 1. Summary of Soil Analytical Results - TPH

Sample ID	Location	Depth (fbgs)	Date	TPH (mg/kg)			
				GRO (TPH-P)	DRO	ORO	TPH-E
SS-01	E. Trench	1.0	20-Jun-17	<1.0	39	72	111
SS-02	E. Trench	1.5	20-Jun-17	<1.0	<10.0	<10.0	<10.0
SS-03	E. Trench	5.0	20-Jun-17	<1.0	140	92	232
SS-04	E. Trench	7.5	20-Jun-17	10	45	17	62
SS-05	W. Trench	1.0	20-Jun-17	<1.0	38	85	123
SS-06	W. Trench	5.0	20-Jun-17	<1.0	<10.0	<10.0	<10.0
SS-07	W. Trench	6.5	20-Jun-17	<1.0	<10.0	<10.0	<10.0
SS-08	S. Trench	1.0	20-Jun-17	<1.0	35	69	104
SS-09	S. Trench	5.0	20-Jun-17	<1.0	<10.0	<10.0	<10.0
SS-10	S. Trench	1.0	20-Jun-17	<1.0	42	84	126
SS-11	S. Trench	4.5	20-Jun-17	<1.0	37	72	109
DISPENSER-1	Dispensers	1.0	20-Jun-17	<1.0	100	140	240
DISPENSER-2	Dispensers	5.0	20-Jun-17	2.7	71	35	106
Screening Level*				100	100	100	100

Notes: Results highlighted in yellow are above screening levels

* EPA Region 9 RSL - Industrial - (blue text)

* State of Nevada Reportable Concentration (red text) - if EPA RSL not available

Table 2. Summary of Soil Analytical Results - PAHs

Sample ID	Location	Depth (ft/bs)	Date	PAH-SIM (mg/kg)														
				1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluorene	Fluoranthene	indeno(1,2,3-c,d)pyrene	Naphthalene	Pyrene
SS-01	E. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-02	E. Trench	1.5	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-03	E. Trench	5.0	20-Jun-17	0.26	0.16	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.05	0.017	<0.005	0.026	0.0095
SS-04	E. Trench	7.5	20-Jun-17	1.3	2.4	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	0.6	0.0065
SS-05	W. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	0.0085	0.005	0.012	<0.005	0.011	<0.005	<0.005	0.015	<0.005	<0.005	0.017
SS-06	W. Trench	5.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-07	W. Trench	6.5	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-08	S. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-09	S. Trench	5.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-10	S. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
SS-11	S. Trench	4.5	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
DISPENSER-1	Dispensers	1.0	20-Jun-17	0.052	0.02	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05	<0.05	0.008	<0.05	0.01	<0.05	0.008	0.011
DISPENSER-2	Dispensers	5.0	20-Jun-17	0.16	0.04	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.025	<0.005
Screening Level*				73	3,000	45,000	-	2.9	0.29	2.9	29	290	0.29	30,000	30,000	2.9	17	23,000

Notes: Results highlighted in yellow are above screening levels

* EPA Region 9 RSL - Industrial - (blue text)

* State of Nevada Reportable Concentration (red text) - if EPA RSL not available

Table 3. Summary of Soil Analytical Results - Metals

Sample ID	Location	Depth (fbgs)	Date	RCRA Metals (mg/kg)		
				Cadmium	Chromium	Lead
SS-01	E. Trench	1.0	20-Jun-17	< 1.0	11	110
SS-02	E. Trench	1.5	20-Jun-17	< 1.0	9.2	10
SS-03	E. Trench	5.0	20-Jun-17	< 1.0	8.5	14
SS-04	E. Trench	7.5	20-Jun-17	< 1.0	8	14
SS-05	W. Trench	1.0	20-Jun-17	1.1	16	150
SS-06	W. Trench	5.0	20-Jun-17	< 1.0	11	14
SS-07	W. Trench	6.5	20-Jun-17	< 1.0	7.8	9.4
SS-08	S. Trench	1.0	20-Jun-17	< 1.0	10	62
SS-09	S. Trench	5.0	20-Jun-17	< 1.0	8.7	27
SS-10	S. Trench	1.0	20-Jun-17	< 1.0	14	76
SS-11	S. Trench	4.5	20-Jun-17	< 1.0	12	34
DISPENSER-1	Dispensers	1.0	20-Jun-17	< 1.0	11	41
DISPENSER-2	Dispensers	5.0	20-Jun-17	< 1.0	12	25
Screening Level*				8	38	800

Notes: Results highlighted in yellow are above screening levels

* EPA Region 9 RSL - Industrial - (blue text)

* State of Nevada Reportable Concentration (red text) - if EPA RSL not available

Table 4. Summary of Soil Analytical Results - VOCs

Sample ID	Location	Depth (ftbs)	Date	VOCs (mg/kg)								
				1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Ethylbenzene	MTBE	Naphthalene	Styrene	Toluene	Xylene (mixture)
SS-01	E. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-02	E. Trench	1.5	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-03	E. Trench	5.0	20-Jun-17	0.023	0.019	<0.005	<0.005	<0.005	0.12	<0.005	<0.005	<0.01
SS-04	E. Trench	7.5	20-Jun-17	1.5	0.74	0.009	0.15	0.034	3.8	<0.005	0.4	1.37
SS-05	W. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-06	W. Trench	5.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-07	W. Trench	6.5	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-08	S. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-09	S. Trench	5.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-10	S. Trench	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
SS-11	S. Trench	4.5	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
DISPENSER-1	Dispensers	1.0	20-Jun-17	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.01
DISPENSER-2	Dispensers	5.0	20-Jun-17	0.28	0.12	<0.005	0.075	<0.005	0.047	<0.005	0.14	0.59
Screening Level*				240	12,000	5.1	25	210	17	35,000	47,000	2,500

Notes: Results highlighted in yellow are above screening levels

* EPA Region 9 RSL - Industrial - (blue text)

* State of Nevada Reportable Concentration (red text) - if EPA RSL not available

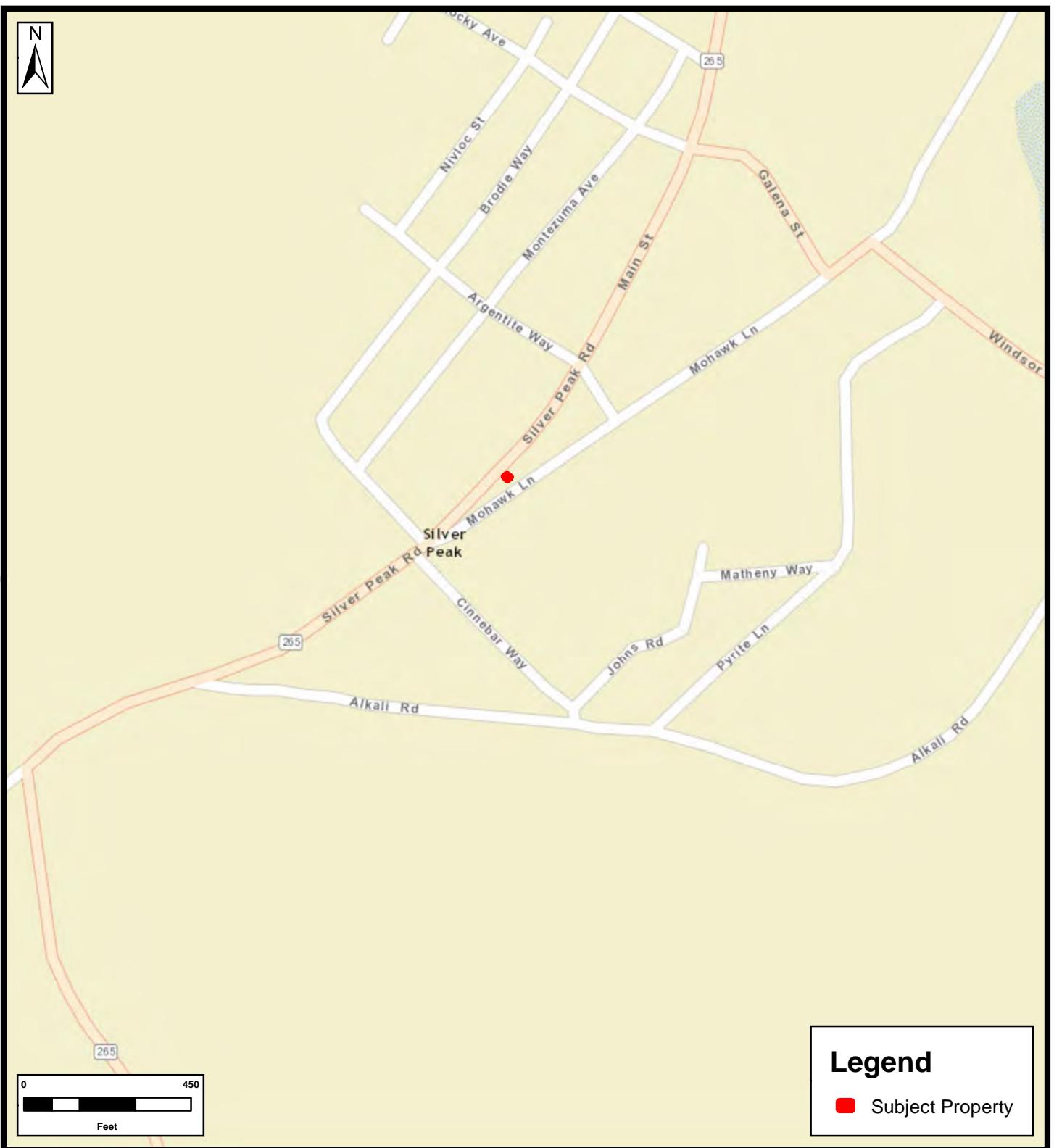


FIGURE 1

TITLE:

**PROJECT LOCATION MAP
-SHOWING-
EXTENT OF EXCAVATION
SAMPLE LOCATIONS
SILVER PEAK, NV**



FILE:

Fig 1 - Project Location Map

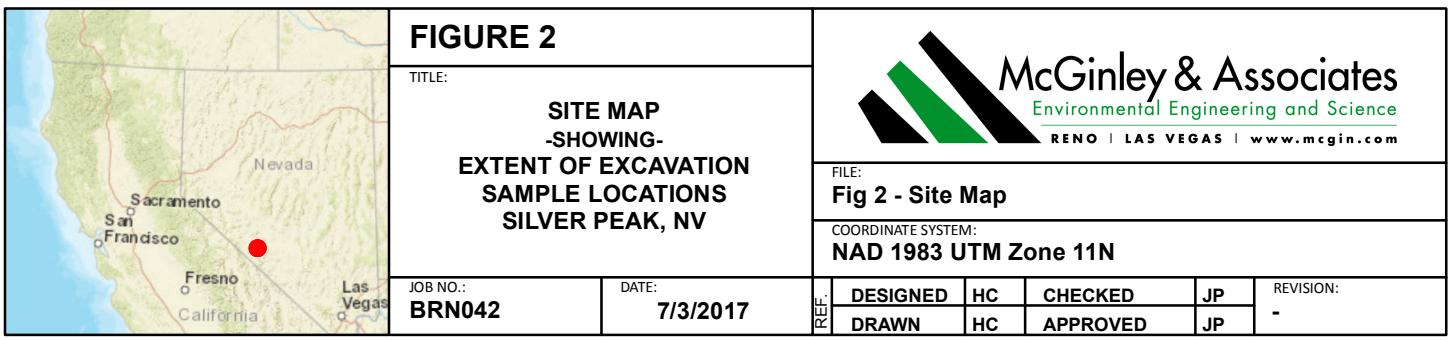
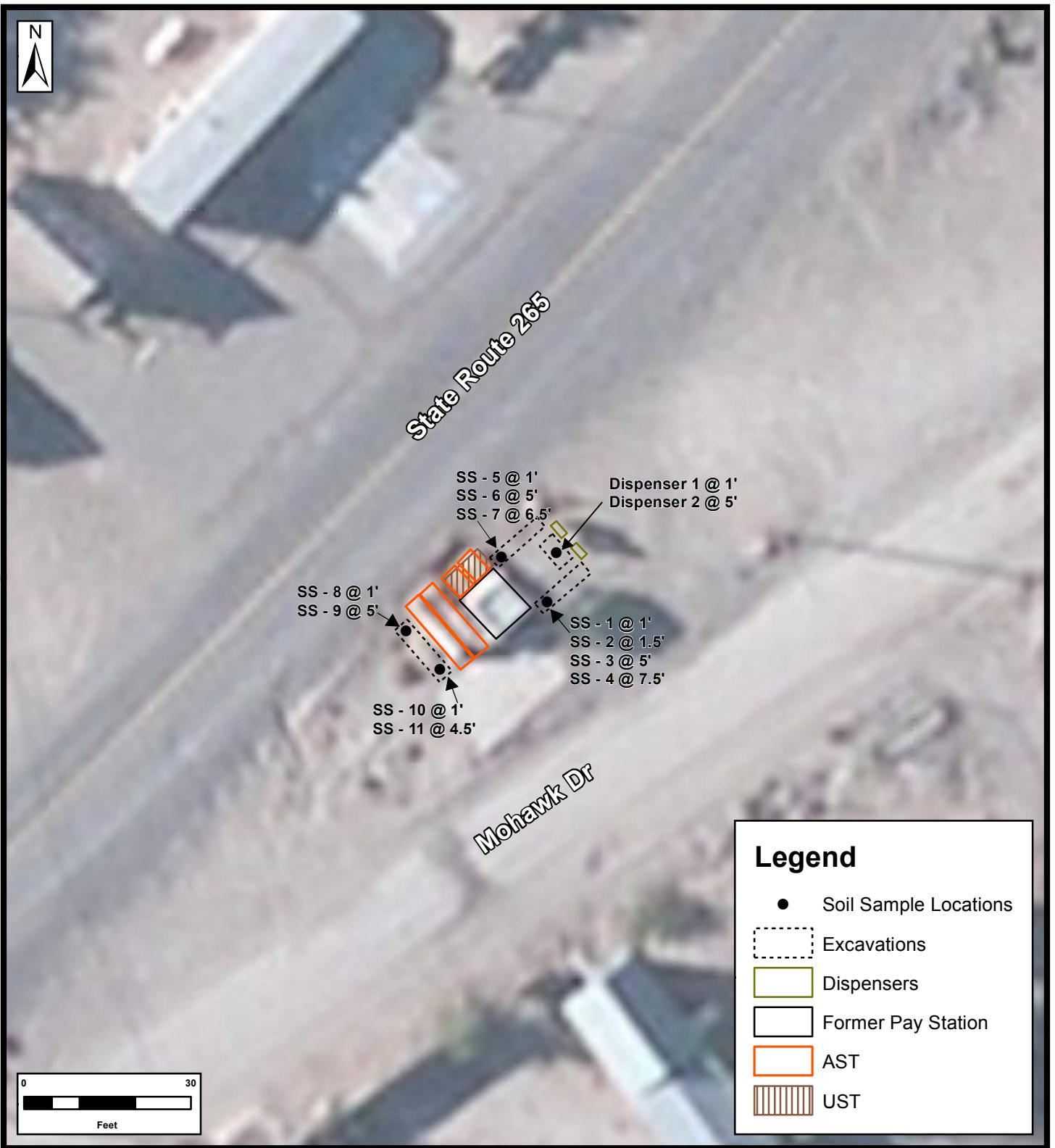
COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N

JOB NO.:
BRN042

DATE:
7/3/2017

REF:

DESIGNED	HC	CHECKED	JP	REVISION:
DRAWN	HC	APPROVED	JP	-



APPENDIX A

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

July 03, 2017

Brett Bottenberg
Mc.Ginley and Associates
6280 S. Valley View Blvd. Suite 604
Las Vegas, NV 89118
TEL: (702) 260-4961
FAX: (702) 260-4968

Workorder No.: N024682

RE: Silver Peak Soil, BRN042

Attention: Brett Bottenberg

Enclosed are the results for sample(s) received on June 21, 2017 by ASSET Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an amended report. Please disregard all previous documentation that corresponds to the page(s) enclosed.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

Nancy Romualdo

Puri Romualdo
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Project: Silver Peak Soil, BRN042
Lab Order: N024682

CASE NARRATIVE**SAMPLE RECEIVING/GENERAL COMMENTS:**

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Analytical Comments for EPA 6010B:

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria for Lead possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Analytical Comments for EPA 8270C_SIM:

Some analytes were reported non-detect (ND) with dilution on samples N024682-003 and 012 due to associated internal standard not meeting method criteria possibly due to matrix interference. Samples were analyzed with dilution and internal standard met method criteria. Affected analyte for this failed internal standard was reported at dilution that meet internal standard recovery limit.

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for Benzo(k)fluoranthene; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Analytical Comments for EPA 8260B:

RPD for Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) is outside criteria for 2-Butanone in QC sample P170621LCSD; however, recovery on both met acceptance criteria.

Matrix Spike (MS) is outside recovery criteria for Bromomethane in QC sample N024685-002AMS; however, the analytical batch was validated by the Laboratory Control Sample.



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ASSET Laboratories

Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Project: Silver Peak Soil, BRN042
Lab Order: N024682

Work Order Sample Summary

Contract No:

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N024682-001A	SS-01	Soil	6/20/2017 7:10:00 AM	6/21/2017	6/30/2017
N024682-001B	SS-01	Soil	6/20/2017 7:10:00 AM	6/21/2017	6/30/2017
N024682-002A	SS-02	Soil	6/20/2017 7:25:00 AM	6/21/2017	6/30/2017
N024682-002B	SS-02	Soil	6/20/2017 7:25:00 AM	6/21/2017	6/30/2017
N024682-003A	SS-03	Soil	6/20/2017 7:35:00 AM	6/21/2017	6/30/2017
N024682-003B	SS-03	Soil	6/20/2017 7:35:00 AM	6/21/2017	6/30/2017
N024682-004A	SS-04	Soil	6/20/2017 7:50:00 AM	6/21/2017	6/30/2017
N024682-004B	SS-04	Soil	6/20/2017 7:50:00 AM	6/21/2017	6/30/2017
N024682-005A	SS-05	Soil	6/20/2017 8:00:00 AM	6/21/2017	6/30/2017
N024682-005B	SS-05	Soil	6/20/2017 8:00:00 AM	6/21/2017	6/30/2017
N024682-006A	SS-06	Soil	6/20/2017 8:20:00 AM	6/21/2017	6/30/2017
N024682-006B	SS-06	Soil	6/20/2017 8:20:00 AM	6/21/2017	6/30/2017
N024682-007A	SS-07	Soil	6/20/2017 8:30:00 AM	6/21/2017	6/30/2017
N024682-007B	SS-07	Soil	6/20/2017 8:30:00 AM	6/21/2017	6/30/2017
N024682-008A	SS-08	Soil	6/20/2017 9:20:00 AM	6/21/2017	6/30/2017
N024682-008B	SS-08	Soil	6/20/2017 9:20:00 AM	6/21/2017	6/30/2017
N024682-009A	SS-09	Soil	6/20/2017 9:30:00 AM	6/21/2017	6/30/2017
N024682-009B	SS-09	Soil	6/20/2017 9:30:00 AM	6/21/2017	6/30/2017
N024682-010A	SS-10	Soil	6/20/2017 9:35:00 AM	6/21/2017	6/30/2017
N024682-010B	SS-10	Soil	6/20/2017 9:35:00 AM	6/21/2017	6/30/2017
N024682-011A	SS-11	Soil	6/20/2017 9:45:00 AM	6/21/2017	6/30/2017
N024682-011B	SS-11	Soil	6/20/2017 9:45:00 AM	6/21/2017	6/30/2017
N024682-012A	DISPENSER-1	Soil	6/20/2017 8:50:00 AM	6/21/2017	6/30/2017
N024682-012B	DISPENSER-1	Soil	6/20/2017 8:50:00 AM	6/21/2017	6/30/2017
N024682-013A	DISPENSER-2	Soil	6/20/2017 9:00:00 AM	6/21/2017	6/30/2017
N024682-013B	DISPENSER-2	Soil	6/20/2017 9:00:00 AM	6/21/2017	6/30/2017



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ORELAP/NELAP Cert 4046

ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-001

Client Sample ID: SS-01
Collection Date: 6/20/2017 7:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
2-Methylnaphthalene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Acenaphthene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Anthracene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Benzo(g,h,i)perylene	16	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Chrysene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Fluorene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Phenanthrene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Pyrene	ND	5.0	µg/Kg	1	6/25/2017 09:09 PM	
Surr: 1,2-Dichlorobenzene-d4	40.0	25-130	%REC	1	6/25/2017 09:09 PM	
Surr: 2-Fluorobiphenyl	57.0	23-130	%REC	1	6/25/2017 09:09 PM	
Surr: 4-Terphenyl-d14	64.0	24-130	%REC	1	6/25/2017 09:09 PM	
Surr: Nitrobenzene-d5	60.0	22-130	%REC	1	6/25/2017 09:09 PM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	



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ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-001

Client Sample ID: SS-01
Collection Date: 6/20/2017 7:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 12:40 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 12:40 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 12:40 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 12:40 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ORELAP/NELAP Cert 4046

ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-001

Client Sample ID: SS-01
Collection Date: 6/20/2017 7:10:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate	Analyst: RB
n-Butylbenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
n-Propylbenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Naphthalene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
o-Xylene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
sec-Butylbenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Styrene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
tert-Butylbenzene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Tetrachloroethene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Toluene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
trans-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Trichloroethene	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Trichlorofluoromethane	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Vinyl chloride	ND	5.0	µg/Kg	1	6/22/2017 12:40 PM
Surr: 1,2-Dichloroethane-d4	101	71-154	%REC	1	6/22/2017 12:40 PM
Surr: 4-Bromofluorobenzene	94.6	80-125	%REC	1	6/22/2017 12:40 PM
Surr: Dibromofluoromethane	101	80-128	%REC	1	6/22/2017 12:40 PM
Surr: Toluene-d8	100	80-120	%REC	1	6/22/2017 12:40 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID: NV00922-GC1_170622A	QC Batch:	62604		PrepDate	6/22/2017 Analyst: QCE
DRO		39	10	mg/Kg	1 6/23/2017 12:20 AM
ORO		72	10	mg/Kg	1 6/23/2017 12:20 AM
Surr: p-Terphenyl		74.9	38-152	%REC	1 6/23/2017 12:20 AM

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID: NV00922-GC4_170622A	QC Batch:	E17VS109		PrepDate	Analyst: RB
GRO	ND	1.0	mg/Kg	1	6/22/2017 07:39 PM
Surr: Chlorobenzene - d5	131	46-157	%REC	1	6/22/2017 07:39 PM

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID: NV00922-ICP2_170623D	QC Batch:	62615		PrepDate	6/22/2017 Analyst: CEI
Cadmium	ND	1.0	mg/Kg	1	6/23/2017 06:49 PM
Chromium	11	1.0	mg/Kg	1	6/23/2017 06:49 PM
Lead	110	1.0	mg/Kg	1	6/23/2017 06:49 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-002

Client Sample ID: SS-02
Collection Date: 6/20/2017 7:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
2-Methylnaphthalene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Acenaphthene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Anthracene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Chrysene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Fluorene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Naphthalene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Phenanthrene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Pyrene	ND	5.0	µg/Kg	1	6/25/2017 10:35 PM	
Surr: 1,2-Dichlorobenzene-d4	37.0	25-130	%REC	1	6/25/2017 10:35 PM	
Surr: 2-Fluorobiphenyl	54.0	23-130	%REC	1	6/25/2017 10:35 PM	
Surr: 4-Terphenyl-d14	53.0	24-130	%REC	1	6/25/2017 10:35 PM	
Surr: Nitrobenzene-d5	56.0	22-130	%REC	1	6/25/2017 10:35 PM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 01:03 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-002

Client Sample ID: SS-02
Collection Date: 6/20/2017 7:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 01:03 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 01:03 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 01:03 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 01:03 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-002

Client Sample ID: SS-02
Collection Date: 6/20/2017 7:25:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:
n-Butylbenzene		ND	5.0	µg/Kg	1
n-Propylbenzene		ND	5.0	µg/Kg	1
Naphthalene		ND	5.0	µg/Kg	1
o-Xylene		ND	5.0	µg/Kg	1
sec-Butylbenzene		ND	5.0	µg/Kg	1
Styrene		ND	5.0	µg/Kg	1
tert-Butylbenzene		ND	5.0	µg/Kg	1
Tetrachloroethene		ND	5.0	µg/Kg	1
Toluene		ND	5.0	µg/Kg	1
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1
Trichloroethene		ND	5.0	µg/Kg	1
Trichlorofluoromethane		ND	5.0	µg/Kg	1
Vinyl chloride		ND	5.0	µg/Kg	1
Surr: 1,2-Dichloroethane-d4	97.6	71-154	%REC	1	6/22/2017 01:03 PM
Surr: 4-Bromofluorobenzene	93.9	80-125	%REC	1	6/22/2017 01:03 PM
Surr: Dibromofluoromethane	95.3	80-128	%REC	1	6/22/2017 01:03 PM
Surr: Toluene-d8	96.5	80-120	%REC	1	6/22/2017 01:03 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:
DRO		ND	10	mg/Kg	1	6/23/2017 12:46 AM
ORO		ND	10	mg/Kg	1	6/23/2017 12:46 AM
Surr: p-Terphenyl	84.2	38-152	%REC	1	6/23/2017 12:46 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170622A	QC Batch:	E17VS109	PrepDate	Analyst:
GRO		ND	1.0	mg/Kg	1
Surr: Chlorobenzene - d5	130	46-157	%REC	1	6/22/2017 08:11 PM

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 07:42 PM
Chromium		9.2	1.0	mg/Kg	1	6/23/2017 07:42 PM
Lead		10	1.0	mg/Kg	1	6/23/2017 07:42 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-003

Client Sample ID: SS-03
Collection Date: 6/20/2017 7:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS3_170627C	QC Batch:	62632		PrepDate	6/23/2017	Analyst: admin
1-Methylnaphthalene	260	50	µg/Kg	10	6/27/2017 11:21 AM	
2-Methylnaphthalene	160	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Acenaphthene	ND	50	µg/Kg	10	6/27/2017 11:21 AM	
Acenaphthylene	ND	50	µg/Kg	10	6/27/2017 11:21 AM	
Anthracene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Chrysene	5.0	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Fluoranthene	17	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Fluorene	ND	50	µg/Kg	10	6/27/2017 11:21 AM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Naphthalene	26	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Phenanthrene	52	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Pyrene	9.5	5.0	µg/Kg	1	6/25/2017 11:04 PM	
Surr: 1,2-Dichlorobenzene-d4	45.0	25-130	%REC	1	6/25/2017 11:04 PM	
Surr: 2-Fluorobiphenyl	80.0	23-130	%REC	10	6/27/2017 11:21 AM	
Surr: 4-Terphenyl-d14	64.0	24-130	%REC	1	6/25/2017 11:04 PM	
Surr: Nitrobenzene-d5	51.0	22-130	%REC	1	6/25/2017 11:04 PM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM	
1,2,4-Trimethylbenzene	23	5.0	µg/Kg	1	6/22/2017 01:25 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-003

Client Sample ID: SS-03
Collection Date: 6/20/2017 7:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch: P17VS071			PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/22/2017 01:25 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,3,5-Trimethylbenzene	19	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
2-Butanone	ND	50	µg/Kg	1	6/22/2017 01:25 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Benzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Bromobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Bromoform	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Bromomethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Chlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Chloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Chloroform	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Chloromethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Ethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Freon-113	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Isopropylbenzene	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
m,p-Xylene	ND	10	µg/Kg	1	6/22/2017 01:25 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
MTBE	ND	5.0	µg/Kg	1	6/22/2017 01:25 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

**ASSET LABORATORIES**
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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-003

Client Sample ID: SS-03
Collection Date: 6/20/2017 7:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Naphthalene		120	5.0	µg/Kg	1	6/22/2017 01:25 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
sec-Butylbenzene		17	5.0	µg/Kg	1	6/22/2017 01:25 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 01:25 PM
Surr: 1,2-Dichloroethane-d4		95.6	71-154	%REC	1	6/22/2017 01:25 PM
Surr: 4-Bromofluorobenzene		94.6	80-125	%REC	1	6/22/2017 01:25 PM
Surr: Dibromofluoromethane		95.4	80-128	%REC	1	6/22/2017 01:25 PM
Surr: Toluene-d8		97.5	80-120	%REC	1	6/22/2017 01:25 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		140	10	mg/Kg	1	6/23/2017 01:12 AM	
ORO		92	10	mg/Kg	1	6/23/2017 01:12 AM	
Surr: p-Terphenyl		83.2	38-152	%REC	1	6/23/2017 01:12 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/23/2017 01:40 PM
Surr: Chlorobenzene - d5		112	46-157	%REC	1	6/23/2017 01:40 PM

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 07:48 PM	
Chromium		8.5	1.0	mg/Kg	1	6/23/2017 07:48 PM	
Lead		14	1.0	mg/Kg	1	6/23/2017 07:48 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	



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ORELAP/NELAP Cert 4046

ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-004

Client Sample ID: SS-04
Collection Date: 6/20/2017 7:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID:	NV00922-MS3_170627C	QC Batch:	62632	PrepDate	6/23/2017	Analyst: admin
1-Methylnaphthalene		1300	50	µg/Kg	10	6/27/2017 11:49 AM
2-Methylnaphthalene		2400	50	µg/Kg	10	6/27/2017 11:49 AM
Acenaphthene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Acenaphthylene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Anthracene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Benzo(a)anthracene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Benzo(a)pyrene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Benzo(b)fluoranthene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Benzo(g,h,i)perylene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Benzo(k)fluoranthene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Chrysene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Dibenz(a,h)anthracene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Fluoranthene		8.0	5.0	µg/Kg	1	6/25/2017 11:33 PM
Fluorene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Indeno(1,2,3-cd)pyrene		ND	5.0	µg/Kg	1	6/25/2017 11:33 PM
Naphthalene		600	50	µg/Kg	10	6/27/2017 11:49 AM
Phenanthrene		35	5.0	µg/Kg	1	6/25/2017 11:33 PM
Pyrene		6.5	5.0	µg/Kg	1	6/25/2017 11:33 PM
Surr: 1,2-Dichlorobenzene-d4		42.0	25-130	%REC	1	6/25/2017 11:33 PM
Surr: 2-Fluorobiphenyl		47.0	23-130	%REC	1	6/25/2017 11:33 PM
Surr: 4-Terphenyl-d14		61.0	24-130	%REC	1	6/25/2017 11:33 PM
Surr: Nitrobenzene-d5		48.0	22-130	%REC	1	6/25/2017 11:33 PM

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst: RB
1,1,1,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,1-Trichloroethane		ND	5.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,2-Trichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethene		ND	5.0	µg/Kg	1
1,1-Dichloropropene		ND	5.0	µg/Kg	1
1,2,3-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,3-Trichloropropane		ND	5.0	µg/Kg	1
1,2,4-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,4-Trimethylbenzene		1500	250	µg/Kg	50

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-004

Client Sample ID: SS-04
Collection Date: 6/20/2017 7:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch: P17VS071			PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/22/2017 01:48 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
1,3,5-Trimethylbenzene	740	250	µg/Kg	50	6/22/2017 07:24 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
2-Butanone	ND	50	µg/Kg	1	6/22/2017 01:48 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
4-Isopropyltoluene	13	5.0	µg/Kg	1	6/22/2017 01:48 PM
Benzene	9.0	5.0	µg/Kg	1	6/22/2017 01:48 PM
Bromobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Bromoform	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Bromomethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Chlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Chloroethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Chloroform	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Chloromethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Ethylbenzene	150	5.0	µg/Kg	1	6/22/2017 01:48 PM
Freon-113	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Isopropylbenzene	11	5.0	µg/Kg	1	6/22/2017 01:48 PM
m,p-Xylene	950	500	µg/Kg	50	6/22/2017 07:24 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
MTBE	34	5.0	µg/Kg	1	6/22/2017 01:48 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-004

Client Sample ID: SS-04
Collection Date: 6/20/2017 7:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
n-Propylbenzene		47	5.0	µg/Kg	1	6/22/2017 01:48 PM
Naphthalene		3800	250	µg/Kg	50	6/22/2017 07:24 PM
o-Xylene		420	250	µg/Kg	50	6/22/2017 07:24 PM
sec-Butylbenzene		7.6	5.0	µg/Kg	1	6/22/2017 01:48 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Toluene		400	250	µg/Kg	50	6/22/2017 07:24 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 01:48 PM
Surr: 1,2-Dichloroethane-d4		81.3	71-154	%REC	50	6/22/2017 07:24 PM
Surr: 1,2-Dichloroethane-d4		90.9	71-154	%REC	1	6/22/2017 01:48 PM
Surr: 4-Bromofluorobenzene		96.2	80-125	%REC	50	6/22/2017 07:24 PM
Surr: 4-Bromofluorobenzene		95.5	80-125	%REC	1	6/22/2017 01:48 PM
Surr: Dibromofluoromethane		85.6	80-128	%REC	50	6/22/2017 07:24 PM
Surr: Dibromofluoromethane		93.2	80-128	%REC	1	6/22/2017 01:48 PM
Surr: Toluene-d8		96.5	80-120	%REC	1	6/22/2017 01:48 PM
Surr: Toluene-d8		95.8	80-120	%REC	50	6/22/2017 07:24 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		45	10	mg/Kg	1	6/23/2017 01:37 AM	
ORO		17	10	mg/Kg	1	6/23/2017 01:37 AM	
Surr: p-Terphenyl		88.2	38-152	%REC	1	6/23/2017 01:37 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:	RB
GRO		10	5.0	mg/Kg	5	6/23/2017 02:12 PM
Surr: Chlorobenzene - d5		101	46-157	%REC	5	6/23/2017 02:12 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-004

Client Sample ID: SS-04
Collection Date: 6/20/2017 7:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICP						
						EPA 3050B
RunID: NV00922-ICP2_170623D	QC Batch:	62615			PrepDate	6/22/2017 Analyst: CEI
Cadmium	ND	1.0	mg/Kg	1	6/23/2017 07:54 PM	
Chromium	8.0	1.0	mg/Kg	1	6/23/2017 07:54 PM	
Lead	14	1.0	mg/Kg	1	6/23/2017 07:54 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-005

Client Sample ID: SS-05
Collection Date: 6/20/2017 8:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
2-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Acenaphthene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Anthracene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Benzo(a)anthracene	8.5	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Benzo(a)pyrene	5.0	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Benzo(b)fluoranthene	12	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Chrysene	11	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Fluoranthene	15	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Fluorene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Phenanthrene	9.0	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Pyrene	17	5.0	µg/Kg	1	6/26/2017 04:47 AM	
Surr: 1,2-Dichlorobenzene-d4	38.0	25-130	%REC	1	6/26/2017 04:47 AM	
Surr: 2-Fluorobiphenyl	62.0	23-130	%REC	1	6/26/2017 04:47 AM	
Surr: 4-Terphenyl-d14	66.0	24-130	%REC	1	6/26/2017 04:47 AM	
Surr: Nitrobenzene-d5	59.0	22-130	%REC	1	6/26/2017 04:47 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 06:39 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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ANALYTICAL RESULTS

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-005

Client Sample ID: SS-05
Collection Date: 6/20/2017 8:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 06:39 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 06:39 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 06:39 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 06:39 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-005

Client Sample ID: SS-05
Collection Date: 6/20/2017 8:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Naphthalene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 06:39 PM
Surr: 1,2-Dichloroethane-d4	94.9	71-154	%REC	1	6/22/2017 06:39 PM	
Surr: 4-Bromofluorobenzene	94.3	80-125	%REC	1	6/22/2017 06:39 PM	
Surr: Dibromofluoromethane	94.9	80-128	%REC	1	6/22/2017 06:39 PM	
Surr: Toluene-d8	96.3	80-120	%REC	1	6/22/2017 06:39 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		38	10	mg/Kg	1	6/23/2017 02:03 AM	
ORO		85	10	mg/Kg	1	6/23/2017 02:03 AM	
Surr: p-Terphenyl		75.8	38-152	%REC	1	6/23/2017 02:03 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/23/2017 09:01 PM
Surr: Chlorobenzene - d5		131	46-157	%REC	1	6/23/2017 09:01 PM

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		1.1	1.0	mg/Kg	1	6/23/2017 07:59 PM	
Chromium		16	1.0	mg/Kg	1	6/23/2017 07:59 PM	
Lead		150	1.0	mg/Kg	1	6/23/2017 07:59 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-006

Client Sample ID: SS-06
Collection Date: 6/20/2017 8:20:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
2-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Acenaphthene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Anthracene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Chrysene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Fluorene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Phenanthrene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Pyrene	ND	5.0	µg/Kg	1	6/26/2017 12:02 AM	
Surr: 1,2-Dichlorobenzene-d4	42.0	25-130	%REC	1	6/26/2017 12:02 AM	
Surr: 2-Fluorobiphenyl	58.0	23-130	%REC	1	6/26/2017 12:02 AM	
Surr: 4-Terphenyl-d14	93.0	24-130	%REC	1	6/26/2017 12:02 AM	
Surr: Nitrobenzene-d5	63.0	22-130	%REC	1	6/26/2017 12:02 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-006

Client Sample ID: SS-06
Collection Date: 6/20/2017 8:20:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch: P17VS071			PrepDate		Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/22/2017 02:55 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
2-Butanone	ND	50	µg/Kg	1	6/22/2017 02:55 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Benzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Bromobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Bromoform	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Bromomethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Chloroform	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Freon-113	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/22/2017 02:55 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	
MTBE	ND	5.0	µg/Kg	1	6/22/2017 02:55 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-006

Client Sample ID: SS-06
Collection Date: 6/20/2017 8:20:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Naphthalene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 02:55 PM
Surr: 1,2-Dichloroethane-d4	96.4	71-154	%REC	1	6/22/2017 02:55 PM	
Surr: 4-Bromofluorobenzene	94.8	80-125	%REC	1	6/22/2017 02:55 PM	
Surr: Dibromofluoromethane	96.2	80-128	%REC	1	6/22/2017 02:55 PM	
Surr: Toluene-d8	97.5	80-120	%REC	1	6/22/2017 02:55 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		ND	10	mg/Kg	1	6/23/2017 02:29 AM	
ORO		ND	10	mg/Kg	1	6/23/2017 02:29 AM	
Surr: p-Terphenyl		86.1	38-152	%REC	1	6/23/2017 02:29 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/23/2017 11:31 AM
Surr: Chlorobenzene - d5		132	46-157	%REC	1	6/23/2017 11:31 AM

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 08:05 PM	
Chromium		11	1.0	mg/Kg	1	6/23/2017 08:05 PM	
Lead		14	1.0	mg/Kg	1	6/23/2017 08:05 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ANALYTICAL RESULTS

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-007

Client Sample ID: SS-07
Collection Date: 6/20/2017 8:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM

EPA 3546

EPA 8270CSIM

RunID:	NV00922-MS9_170625A	QC Batch:	62632	PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
2-Methylnaphthalene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Acenaphthene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Acenaphthylene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Anthracene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Benzo(a)anthracene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Benzo(a)pyrene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Benzo(b)fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Benzo(g,h,i)perylene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Benzo(k)fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Chrysene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Dibenz(a,h)anthracene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Fluorene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Indeno(1,2,3-cd)pyrene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Naphthalene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Phenanthrene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Pyrene		ND	5.0	µg/Kg	1	6/26/2017 12:30 AM
Surr: 1,2-Dichlorobenzene-d4	47.0	25-130	%REC	1	6/26/2017 12:30 AM	
Surr: 2-Fluorobiphenyl	62.0	23-130	%REC	1	6/26/2017 12:30 AM	
Surr: 4-Terphenyl-d14	58.0	24-130	%REC	1	6/26/2017 12:30 AM	
Surr: Nitrobenzene-d5	71.0	22-130	%REC	1	6/26/2017 12:30 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst: RB
1,1,1,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,1-Trichloroethane		ND	5.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,2-Trichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethene		ND	5.0	µg/Kg	1
1,1-Dichloropropene		ND	5.0	µg/Kg	1
1,2,3-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,3-Trichloropropane		ND	5.0	µg/Kg	1
1,2,4-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,4-Trimethylbenzene		ND	5.0	µg/Kg	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-007

Client Sample ID: SS-07
Collection Date: 6/20/2017 8:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 03:17 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 03:17 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 03:17 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 03:17 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ORELAP/NELAP Cert 4046

ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-007

Client Sample ID: SS-07
Collection Date: 6/20/2017 8:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Naphthalene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 03:17 PM
Surr: 1,2-Dichloroethane-d4	94.5	71-154	%REC	1	6/22/2017 03:17 PM	
Surr: 4-Bromofluorobenzene	94.3	80-125	%REC	1	6/22/2017 03:17 PM	
Surr: Dibromofluoromethane	94.4	80-128	%REC	1	6/22/2017 03:17 PM	
Surr: Toluene-d8	98.0	80-120	%REC	1	6/22/2017 03:17 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		ND	10	mg/Kg	1	6/23/2017 04:12 AM	
ORO		ND	10	mg/Kg	1	6/23/2017 04:12 AM	
Surr: p-Terphenyl	86.6	38-152	%REC	1	6/23/2017 04:12 AM		

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170622A	QC Batch:	E17VS109	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/22/2017 08:43 PM
Surr: Chlorobenzene - d5	121	46-157	%REC	1	6/22/2017 08:43 PM	

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 08:12 PM	
Chromium		7.8	1.0	mg/Kg	1	6/23/2017 08:12 PM	
Lead		9.4	1.0	mg/Kg	1	6/23/2017 08:12 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-008

Client Sample ID: SS-08**Collection Date:** 6/20/2017 9:20:00 AM**Matrix:** SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
2-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Acenaphthene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Anthracene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Chrysene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Fluorene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Phenanthrene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Pyrene	ND	5.0	µg/Kg	1	6/26/2017 05:16 AM	
Surr: 1,2-Dichlorobenzene-d4	31.0	25-130	%REC	1	6/26/2017 05:16 AM	
Surr: 2-Fluorobiphenyl	48.0	23-130	%REC	1	6/26/2017 05:16 AM	
Surr: 4-Terphenyl-d14	54.0	24-130	%REC	1	6/26/2017 05:16 AM	
Surr: Nitrobenzene-d5	51.0	22-130	%REC	1	6/26/2017 05:16 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 03:40 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-008

Client Sample ID: SS-08
Collection Date: 6/20/2017 9:20:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 03:40 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 03:40 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 03:40 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 03:40 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 03-Jul-17

ASSET Laboratories

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-008

Client Sample ID: SS-08
Collection Date: 6/20/2017 9:20:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:
n-Butylbenzene		ND	5.0	µg/Kg	1
n-Propylbenzene		ND	5.0	µg/Kg	1
Naphthalene		ND	5.0	µg/Kg	1
o-Xylene		ND	5.0	µg/Kg	1
sec-Butylbenzene		ND	5.0	µg/Kg	1
Styrene		ND	5.0	µg/Kg	1
tert-Butylbenzene		ND	5.0	µg/Kg	1
Tetrachloroethene		ND	5.0	µg/Kg	1
Toluene		ND	5.0	µg/Kg	1
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1
Trichloroethene		ND	5.0	µg/Kg	1
Trichlorofluoromethane		ND	5.0	µg/Kg	1
Vinyl chloride		ND	5.0	µg/Kg	1
Surr: 1,2-Dichloroethane-d4	92.9	71-154	%REC	1	6/22/2017 03:40 PM
Surr: 4-Bromofluorobenzene	93.8	80-125	%REC	1	6/22/2017 03:40 PM
Surr: Dibromofluoromethane	95.3	80-128	%REC	1	6/22/2017 03:40 PM
Surr: Toluene-d8	95.7	80-120	%REC	1	6/22/2017 03:40 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID

EPA 3550B

EPA 8015B

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017 Analyst:
DRO		35	10	mg/Kg	1 6/23/2017 04:38 AM
ORO		69	10	mg/Kg	1 6/23/2017 04:38 AM
Surr: p-Terphenyl		71.4	38-152	%REC	1 6/23/2017 04:38 AM

GASOLINE RANGE ORGANICS BY GC/FID

EPA 8015B

RunID:	NV00922-GC4_170622A	QC Batch:	E17VS109	PrepDate	Analyst:
GRO		ND	1.0	mg/Kg	1 6/22/2017 09:15 PM
Surr: Chlorobenzene - d5		136	46-157	%REC	1 6/22/2017 09:15 PM

TOTAL METALS BY ICP

EPA 3050B

EPA 6010B

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017 Analyst:
Cadmium		ND	1.0	mg/Kg	1 6/23/2017 08:18 PM
Chromium		10	1.0	mg/Kg	1 6/23/2017 08:18 PM
Lead		62	1.0	mg/Kg	1 6/23/2017 08:18 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-009

Client Sample ID: SS-09
Collection Date: 6/20/2017 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
2-Methylnaphthalene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Acenaphthene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Anthracene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Chrysene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Fluorene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Naphthalene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Phenanthrene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Pyrene	ND	5.0	µg/Kg	1	6/26/2017 12:59 AM	
Surr: 1,2-Dichlorobenzene-d4	37.0	25-130	%REC	1	6/26/2017 12:59 AM	
Surr: 2-Fluorobiphenyl	56.0	23-130	%REC	1	6/26/2017 12:59 AM	
Surr: 4-Terphenyl-d14	90.0	24-130	%REC	1	6/26/2017 12:59 AM	
Surr: Nitrobenzene-d5	57.0	22-130	%REC	1	6/26/2017 12:59 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 04:02 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-009

Client Sample ID: SS-09
Collection Date: 6/20/2017 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 04:02 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 04:02 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 04:02 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 04:02 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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3151 W. Post Rd., Las Vegas, NV 89118
ELAP Cert 2676 | NV Cert NV00922
ORELAP/NELAP Cert 4046

ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-009

Client Sample ID: SS-09
Collection Date: 6/20/2017 9:30:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Naphthalene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 04:02 PM
Surr: 1,2-Dichloroethane-d4	92.4	71-154	%REC	1	6/22/2017 04:02 PM	
Surr: 4-Bromofluorobenzene	95.0	80-125	%REC	1	6/22/2017 04:02 PM	
Surr: Dibromofluoromethane	91.4	80-128	%REC	1	6/22/2017 04:02 PM	
Surr: Toluene-d8	96.1	80-120	%REC	1	6/22/2017 04:02 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		ND	10	mg/Kg	1	6/23/2017 05:04 AM	
ORO		ND	10	mg/Kg	1	6/23/2017 05:04 AM	
Surr: p-Terphenyl	90.6	38-152	%REC	1	6/23/2017 05:04 AM		

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/23/2017 03:17 PM
Surr: Chlorobenzene - d5	126	46-157	%REC	1	6/23/2017 03:17 PM	

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 08:24 PM	
Chromium		8.7	1.0	mg/Kg	1	6/23/2017 08:24 PM	
Lead		27	1.0	mg/Kg	1	6/23/2017 08:24 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-010

Client Sample ID: SS-10
Collection Date: 6/20/2017 9:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID:	NV00922-MS9_170625A	QC Batch:	62632	PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
2-Methylnaphthalene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Acenaphthene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Acenaphthylene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Anthracene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Benzo(a)anthracene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Benzo(a)pyrene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Benzo(b)fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Benzo(g,h,i)perylene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Benzo(k)fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Chrysene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Dibenz(a,h)anthracene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Fluorene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Indeno(1,2,3-cd)pyrene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Naphthalene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Phenanthrene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Pyrene		ND	5.0	µg/Kg	1	6/26/2017 01:28 AM
Surr: 1,2-Dichlorobenzene-d4	40.0	25-130	%REC	1	6/26/2017 01:28 AM	
Surr: 2-Fluorobiphenyl	54.0	23-130	%REC	1	6/26/2017 01:28 AM	
Surr: 4-Terphenyl-d14	119	24-130	%REC	1	6/26/2017 01:28 AM	
Surr: Nitrobenzene-d5	60.0	22-130	%REC	1	6/26/2017 01:28 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst: RB
1,1,1,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,1-Trichloroethane		ND	5.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,2-Trichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethene		ND	5.0	µg/Kg	1
1,1-Dichloropropene		ND	5.0	µg/Kg	1
1,2,3-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,3-Trichloropropane		ND	5.0	µg/Kg	1
1,2,4-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,4-Trimethylbenzene		ND	5.0	µg/Kg	1

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

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CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-010

Client Sample ID: SS-10
Collection Date: 6/20/2017 9:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 04:24 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 04:24 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 04:24 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 04:24 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-010

Client Sample ID: SS-10
Collection Date: 6/20/2017 9:35:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Naphthalene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 04:24 PM
Surr: 1,2-Dichloroethane-d4	95.4	71-154	%REC	1	6/22/2017 04:24 PM	
Surr: 4-Bromofluorobenzene	94.1	80-125	%REC	1	6/22/2017 04:24 PM	
Surr: Dibromofluoromethane	96.4	80-128	%REC	1	6/22/2017 04:24 PM	
Surr: Toluene-d8	95.7	80-120	%REC	1	6/22/2017 04:24 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		42	9.9	mg/Kg	1	6/23/2017 05:29 AM	
ORO		84	9.9	mg/Kg	1	6/23/2017 05:29 AM	
Surr: p-Terphenyl		76.3	38-152	%REC	1	6/23/2017 05:29 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170622A	QC Batch:	E17VS109	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/22/2017 10:19 PM
Surr: Chlorobenzene - d5	125	46-157	%REC	1	6/22/2017 10:19 PM	

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 08:40 PM	
Chromium		14	1.0	mg/Kg	1	6/23/2017 08:40 PM	
Lead		76	1.0	mg/Kg	1	6/23/2017 08:40 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ORELAP/NELAP Cert 4046

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-011

Client Sample ID: SS-11
Collection Date: 6/20/2017 9:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM

EPA 3546

EPA 8270CSIM

RunID:	NV00922-MS9_170625A	QC Batch:	62632	PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
2-Methylnaphthalene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Acenaphthene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Acenaphthylene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Anthracene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Benzo(a)anthracene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Benzo(a)pyrene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Benzo(b)fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Benzo(g,h,i)perylene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Benzo(k)fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Chrysene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Dibenz(a,h)anthracene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Fluoranthene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Fluorene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Indeno(1,2,3-cd)pyrene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Naphthalene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Phenanthrene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Pyrene		ND	5.0	µg/Kg	1	6/26/2017 01:56 AM
Surr: 1,2-Dichlorobenzene-d4	34.0	25-130	%REC	1	6/26/2017 01:56 AM	
Surr: 2-Fluorobiphenyl	52.0	23-130	%REC	1	6/26/2017 01:56 AM	
Surr: 4-Terphenyl-d14	55.0	24-130	%REC	1	6/26/2017 01:56 AM	
Surr: Nitrobenzene-d5	56.0	22-130	%REC	1	6/26/2017 01:56 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst: RB
1,1,1,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,1-Trichloroethane		ND	5.0	µg/Kg	1
1,1,2,2-Tetrachloroethane		ND	5.0	µg/Kg	1
1,1,2-Trichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethane		ND	5.0	µg/Kg	1
1,1-Dichloroethene		ND	5.0	µg/Kg	1
1,1-Dichloropropene		ND	5.0	µg/Kg	1
1,2,3-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,3-Trichloropropane		ND	5.0	µg/Kg	1
1,2,4-Trichlorobenzene		ND	5.0	µg/Kg	1
1,2,4-Trimethylbenzene		ND	5.0	µg/Kg	1

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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 ORELAP/NELAP Cert 4046

ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-011

Client Sample ID: SS-11
Collection Date: 6/20/2017 9:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch: P17VS071			PrepDate		Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/22/2017 04:47 PM	
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
2-Butanone	ND	50	µg/Kg	1	6/22/2017 04:47 PM	
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Benzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Bromobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Bromodichloromethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Bromoform	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Bromomethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Chlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Chloroethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Chloroform	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Chloromethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Dibromochloromethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Dibromomethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Ethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Freon-113	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
Isopropylbenzene	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
m,p-Xylene	ND	10	µg/Kg	1	6/22/2017 04:47 PM	
Methylene chloride	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	
MTBE	ND	5.0	µg/Kg	1	6/22/2017 04:47 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-011

Client Sample ID: SS-11
Collection Date: 6/20/2017 9:45:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
n-Propylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Naphthalene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
o-Xylene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Toluene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 04:47 PM
Surr: 1,2-Dichloroethane-d4	90.2	71-154	%REC	1	6/22/2017 04:47 PM	
Surr: 4-Bromofluorobenzene	95.2	80-125	%REC	1	6/22/2017 04:47 PM	
Surr: Dibromofluoromethane	92.4	80-128	%REC	1	6/22/2017 04:47 PM	
Surr: Toluene-d8	95.9	80-120	%REC	1	6/22/2017 04:47 PM	

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170622A	QC Batch:	62604	PrepDate	6/22/2017	Analyst:	QCE
DRO		37	9.9	mg/Kg	1	6/23/2017 05:55 AM	
ORO		72	9.9	mg/Kg	1	6/23/2017 05:55 AM	
Surr: p-Terphenyl		72.8	38-152	%REC	1	6/23/2017 05:55 AM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170622A	QC Batch:	E17VS109	PrepDate	Analyst:	RB
GRO		ND	1.0	mg/Kg	1	6/22/2017 10:51 PM
Surr: Chlorobenzene - d5	126	46-157	%REC	1	6/22/2017 10:51 PM	

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:	CEI
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 08:46 PM	
Chromium		12	1.0	mg/Kg	1	6/23/2017 08:46 PM	
Lead		34	1.0	mg/Kg	1	6/23/2017 08:46 PM	

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-012

Client Sample ID: DISPENSER-1
Collection Date: 6/20/2017 8:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	52	5.0	µg/Kg	1	6/26/2017 05:44 AM	
2-Methylnaphthalene	20	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Acenaphthene	ND	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Anthracene	ND	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Benzo(a)pyrene	ND	50	µg/Kg	10	6/26/2017 03:50 AM	
Benzo(b)fluoranthene	ND	50	µg/Kg	10	6/26/2017 03:50 AM	
Benzo(g,h,i)perylene	ND	50	µg/Kg	10	6/26/2017 03:50 AM	
Benzo(k)fluoranthene	ND	50	µg/Kg	10	6/26/2017 03:50 AM	
Chrysene	8.0	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Dibenz(a,h)anthracene	ND	50	µg/Kg	10	6/26/2017 03:50 AM	
Fluoranthene	10	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Fluorene	ND	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Indeno(1,2,3-cd)pyrene	ND	50	µg/Kg	10	6/26/2017 03:50 AM	
Naphthalene	8.0	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Phenanthrene	17	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Pyrene	11	5.0	µg/Kg	1	6/26/2017 05:44 AM	
Surr: 1,2-Dichlorobenzene-d4	51.0	25-130	%REC	1	6/26/2017 05:44 AM	
Surr: 2-Fluorobiphenyl	77.0	23-130	%REC	1	6/26/2017 05:44 AM	
Surr: 4-Terphenyl-d14	109	24-130	%REC	1	6/26/2017 05:44 AM	
Surr: Nitrobenzene-d5	61.0	22-130	%REC	1	6/26/2017 05:44 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	
1,2,4-Trimethylbenzene	ND	5.0	µg/Kg	1	6/22/2017 05:09 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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ANALYTICAL RESULTS

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-012

Client Sample ID: DISPENSER-1
Collection Date: 6/20/2017 8:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071		PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1 6/22/2017 05:09 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,3,5-Trimethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
2-Butanone	ND	50	µg/Kg	1 6/22/2017 05:09 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Benzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Bromobenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Bromodichloromethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Bromoform	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Bromomethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Chlorobenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Chloroethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Chloroform	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Chloromethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Dibromochloromethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Dibromomethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Ethylbenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Freon-113	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
Isopropylbenzene	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
m,p-Xylene	ND	10	µg/Kg	1 6/22/2017 05:09 PM
Methylene chloride	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM
MTBE	ND	5.0	µg/Kg	1 6/22/2017 05:09 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-012

Client Sample ID: DISPENSER-1
Collection Date: 6/20/2017 8:50:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:
n-Butylbenzene		ND	5.0	µg/Kg	1
n-Propylbenzene		ND	5.0	µg/Kg	1
Naphthalene		ND	5.0	µg/Kg	1
o-Xylene		ND	5.0	µg/Kg	1
sec-Butylbenzene		ND	5.0	µg/Kg	1
Styrene		ND	5.0	µg/Kg	1
tert-Butylbenzene		ND	5.0	µg/Kg	1
Tetrachloroethene		ND	5.0	µg/Kg	1
Toluene		ND	5.0	µg/Kg	1
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1
Trichloroethene		ND	5.0	µg/Kg	1
Trichlorofluoromethane		ND	5.0	µg/Kg	1
Vinyl chloride		ND	5.0	µg/Kg	1
Surr: 1,2-Dichloroethane-d4	92.7	71-154	%REC	1	6/22/2017 05:09 PM
Surr: 4-Bromofluorobenzene	94.5	80-125	%REC	1	6/22/2017 05:09 PM
Surr: Dibromofluoromethane	91.6	80-128	%REC	1	6/22/2017 05:09 PM
Surr: Toluene-d8	96.5	80-120	%REC	1	6/22/2017 05:09 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170627A	QC Batch:	62664	PrepDate	6/27/2017	Analyst:
DRO		100	10	mg/Kg	1	6/27/2017 01:16 PM
ORO		140	10	mg/Kg	1	6/27/2017 01:16 PM
Surr: p-Terphenyl	51.9	38-152	%REC	1	6/27/2017 01:16 PM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:
GRO		ND	1.0	mg/Kg	1
Surr: Chlorobenzene - d5	108	46-157	%REC	1	6/23/2017 03:50 PM

TOTAL METALS BY ICP**EPA 3050B****EPA 6010B**

RunID:	NV00922-ICP2_170623D	QC Batch:	62615	PrepDate	6/22/2017	Analyst:
Cadmium		ND	1.0	mg/Kg	1	6/23/2017 08:52 PM
Chromium		11	1.0	mg/Kg	1	6/23/2017 08:52 PM
Lead		41	1.0	mg/Kg	1	6/23/2017 08:52 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-013

Client Sample ID: DISPENSER-2
Collection Date: 6/20/2017 9:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM**EPA 3546****EPA 8270CSIM**

RunID: NV00922-MS9_170625A	QC Batch:	62632		PrepDate	6/23/2017	Analyst: JJS
1-Methylnaphthalene	160	5.0	µg/Kg	1	6/26/2017 02:25 AM	
2-Methylnaphthalene	40	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Acenaphthene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Acenaphthylene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Anthracene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Benzo(a)anthracene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Benzo(a)pyrene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Benzo(b)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Benzo(g,h,i)perylene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Benzo(k)fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Chrysene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Dibenz(a,h)anthracene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Fluoranthene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Fluorene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Naphthalene	25	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Phenanthrene	5.0	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Pyrene	ND	5.0	µg/Kg	1	6/26/2017 02:25 AM	
Surr: 1,2-Dichlorobenzene-d4	36.0	25-130	%REC	1	6/26/2017 02:25 AM	
Surr: 2-Fluorobiphenyl	50.0	23-130	%REC	1	6/26/2017 02:25 AM	
Surr: 4-Terphenyl-d14	83.0	24-130	%REC	1	6/26/2017 02:25 AM	
Surr: Nitrobenzene-d5	56.0	22-130	%REC	1	6/26/2017 02:25 AM	

VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID: NV00922-MS5_170622A	QC Batch:	P17VS071		PrepDate		Analyst: RB
1,1,1,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,1,1-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,1,2,2-Tetrachloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,1,2-Trichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,1-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,1-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,1-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,2,3-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,2,3-Trichloropropane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,2,4-Trichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM	
1,2,4-Trimethylbenzene	280	25	µg/Kg	5	6/26/2017 01:09 PM	

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-013

Client Sample ID: DISPENSER-2
Collection Date: 6/20/2017 9:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: NV00922-MS5_170622A	QC Batch: P17VS071			PrepDate	Analyst: RB
1,2-Dibromo-3-chloropropane	ND	10	µg/Kg	1	6/22/2017 05:32 PM
1,2-Dibromoethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
1,2-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
1,2-Dichloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
1,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
1,3,5-Trimethylbenzene	120	25	µg/Kg	5	6/26/2017 01:09 PM
1,3-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
1,3-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
1,4-Dichlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
2,2-Dichloropropane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
2-Butanone	ND	50	µg/Kg	1	6/22/2017 05:32 PM
2-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
4-Chlorotoluene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
4-Isopropyltoluene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Benzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Bromobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Bromodichloromethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Bromoform	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Bromomethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Carbon tetrachloride	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Chlorobenzene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Chloroethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Chloroform	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Chloromethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
cis-1,2-Dichloroethene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
cis-1,3-Dichloropropene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Dibromochloromethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Dibromomethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Dichlorodifluoromethane	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Ethylbenzene	75	25	µg/Kg	5	6/26/2017 01:09 PM
Freon-113	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Hexachlorobutadiene	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Isopropylbenzene	6.0	5.0	µg/Kg	1	6/22/2017 05:32 PM
m,p-Xylene	420	50	µg/Kg	5	6/26/2017 01:09 PM
Methylene chloride	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
MTBE	ND	5.0	µg/Kg	1	6/22/2017 05:32 PM

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified



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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-013

Client Sample ID: DISPENSER-2
Collection Date: 6/20/2017 9:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS**EPA 8260B**

RunID:	NV00922-MS5_170622A	QC Batch:	P17VS071	PrepDate	Analyst:	RB
n-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
n-Propylbenzene		27	5.0	µg/Kg	1	6/22/2017 05:32 PM
Naphthalene		47	5.0	µg/Kg	1	6/22/2017 05:32 PM
o-Xylene		170	25	µg/Kg	5	6/26/2017 01:09 PM
sec-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Styrene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
tert-Butylbenzene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Tetrachloroethene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Toluene		140	25	µg/Kg	5	6/26/2017 01:09 PM
trans-1,2-Dichloroethene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Trichloroethene		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Trichlorofluoromethane		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Vinyl chloride		ND	5.0	µg/Kg	1	6/22/2017 05:32 PM
Surr: 1,2-Dichloroethane-d4		106	71-154	%REC	5	6/26/2017 01:09 PM
Surr: 1,2-Dichloroethane-d4		89.8	71-154	%REC	1	6/22/2017 05:32 PM
Surr: 4-Bromofluorobenzene		102	80-125	%REC	5	6/26/2017 01:09 PM
Surr: 4-Bromofluorobenzene		94.1	80-125	%REC	1	6/22/2017 05:32 PM
Surr: Dibromofluoromethane		111	80-128	%REC	5	6/26/2017 01:09 PM
Surr: Dibromofluoromethane		92.2	80-128	%REC	1	6/22/2017 05:32 PM
Surr: Toluene-d8		106	80-120	%REC	5	6/26/2017 01:09 PM
Surr: Toluene-d8		97.1	80-120	%REC	1	6/22/2017 05:32 PM

DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID**EPA 3550B****EPA 8015B**

RunID:	NV00922-GC1_170627A	QC Batch:	62664	PrepDate	6/27/2017	Analyst:	QCE
DRO		71	10	mg/Kg	1	6/27/2017 01:42 PM	
ORO		35	10	mg/Kg	1	6/27/2017 01:42 PM	
Surr: p-Terphenyl		77.7	38-152	%REC	1	6/27/2017 01:42 PM	

GASOLINE RANGE ORGANICS BY GC/FID**EPA 8015B**

RunID:	NV00922-GC4_170623A	QC Batch:	E17VS110	PrepDate	Analyst:	RB
GRO		2.7	1.0	mg/Kg	1	6/23/2017 01:07 PM
Surr: Chlorobenzene - d5		90.2	46-157	%REC	1	6/23/2017 01:07 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
DO	Surrogate Diluted Out	

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ASSET Laboratories**ANALYTICAL RESULTS**

Print Date: 03-Jul-17

CLIENT: Mc.Ginley and Associates
Lab Order: N024682
Project: Silver Peak Soil, BRN042
Lab ID: N024682-013

Client Sample ID: DISPENSER-2
Collection Date: 6/20/2017 9:00:00 AM
Matrix: SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL METALS BY ICP						
						EPA 3050B
RunID: NV00922-ICP2_170623D	QC Batch:	62615			PrepDate	6/22/2017 Analyst: CEI
Cadmium	ND	1.0	mg/Kg	1	6/23/2017 08:58 PM	
Chromium	12	1.0	mg/Kg	1	6/23/2017 08:58 PM	
Lead	25	1.0	mg/Kg	1	6/23/2017 08:58 PM	

Qualifiers: B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out

E Value above quantitation range
ND Not Detected at the Reporting Limit
Results are wet unless otherwise specified

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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT**TestCode: 6010_S**

Sample ID	MB-62615	SampType:	MBLK	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2017	RunNo:	115938
Client ID:	PBS	Batch ID:	62615	TestNo:	EPA 6010B	EPA 3050B		Analysis Date:	6/23/2017	SeqNo:	2673384
Analyte											
Cadmium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	ND			1.0							
Chromium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	ND			1.0							
Lead		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	ND			1.0							
Sample ID	LCS-62615	SampType:	LCS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2017	RunNo:	115938
Client ID:	LCSS	Batch ID:	62615	TestNo:	EPA 6010B	EPA 3050B		Analysis Date:	6/23/2017	SeqNo:	2673385
Analyte											
Cadmium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	25.232		1.0	25.00	0	101	80	120			
Chromium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	25.177		1.0	25.00	0	101	80	120			
Lead		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	25.310		1.0	25.00	0	101	80	120			
Sample ID	N024682-001B-MS	SampType:	MS	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2017	RunNo:	115938
Client ID:	ZZZZZZ	Batch ID:	62615	TestNo:	EPA 6010B	EPA 3050B		Analysis Date:	6/23/2017	SeqNo:	2673397
Analyte											
Cadmium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	22.593		1.0	24.89	0.9476	87.0	75	125			
Chromium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	30.892		1.0	24.89	11.35	78.5	75	125			
Lead		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	148.699		1.0	24.89	110.9	152	75	125			S
Sample ID	N024682-001B-MSD	SampType:	MSD	TestCode:	6010_S	Units:	mg/Kg	Prep Date:	6/22/2017	RunNo:	115938
Client ID:	ZZZZZZ	Batch ID:	62615	TestNo:	EPA 6010B	EPA 3050B		Analysis Date:	6/23/2017	SeqNo:	2673398
Analyte											
Cadmium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	22.764		1.0	24.99	0.9476	87.3	75	125	22.59	0.754	20
Chromium		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	31.115		1.0	24.99	11.35	79.1	75	125	30.89	0.719	20
Lead		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
	150.120		1.0	24.99	110.9	157	75	125	148.7	0.951	20 S

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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"Servina Clients with Passion and Professionalism"

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID MB-62604	SampType: MBLK	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/21/2017	RunNo: 115921
Client ID: PBS	Batch ID: 62604	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/22/2017	SeqNo: 2672410
Analyte					
DRO	4.043	10			
ORO	9.715	10			
Surr: p-Terphenyl	68.743	80.00	85.9	38	152
Sample ID LCS-62604	SampType: LCS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/21/2017	RunNo: 115921
Client ID: LCSS	Batch ID: 62604	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/22/2017	SeqNo: 2672411
Analyte					
DRO	844.534	10	1000	0	84.5 67 119
Surr: p-Terphenyl	64.908	80.00	81.1	38	152
Sample ID N024672-001A-MS	SampType: MS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/21/2017	RunNo: 115921
Client ID: ZZZZZZ	Batch ID: 62604	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/22/2017	SeqNo: 2672414
Analyte					
DRO	1011.870	9.9	992.1	6.088	101 46 143
Surr: p-Terphenyl	65.411	79.37	82.4	38	152
Sample ID N024672-001A-MSD	SampType: MSD	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/21/2017	RunNo: 115921
Client ID: ZZZZZZ	Batch ID: 62604	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/22/2017	SeqNo: 2672415
Analyte					
DRO	1053.720	10	1005	6.088	104 46 143 1012 4.05 20
Surr: p-Terphenyl	68.374	80.40	85.0	38	152 0

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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"Servina Clients with Passion and Professionalism"

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID LCS-62664	SampType: LCS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/27/2017	RunNo: 115995
Client ID: LCSS	Batch ID: 62664	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/27/2017	SeqNo: 2677457
Analyte					
DRO	918.878	10	1000	0	91.9 67 119
Sur: p-Terphenyl	60.932		80.00		76.2 38 152
Sample ID MB-62664	SampType: MBLK	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/27/2017	RunNo: 115995
Client ID: PBS	Batch ID: 62664	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/27/2017	SeqNo: 2677458
Analyte					
DRO	ND	10			
ORO	7.336	10			
Sur: p-Terphenyl	60.343		80.00	75.4	38 152
Sample ID N024684-001B-MS	SampType: MS	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/27/2017	RunNo: 115995
Client ID: ZZZZZZ	Batch ID: 62664	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/27/2017	SeqNo: 2677563
Analyte					
DRO	880.716	10	999.0	7.549	87.4 46 143
Sur: p-Terphenyl	58.211		79.92		72.8 38 152
Sample ID N024684-001B-MSD	SampType: MSD	TestCode: 8015_S_DM	Units: mg/Kg	Prep Date: 6/27/2017	RunNo: 115995
Client ID: ZZZZZZ	Batch ID: 62664	TestNo: EPA 8015B	EPA 3550B	Analysis Date: 6/27/2017	SeqNo: 2677564
Analyte					
DRO	900.005	10	999.0	7.549	89.3 46 143 880.7 2.17 20
Sur: p-Terphenyl	63.114		79.92		79.0 38 152 0

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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"Servina Clients with Passion and Professionalism"

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID	E170622LCS	SampType:	LCS	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115913
Client ID:	LCSS	Batch ID:	E17VS109	TestNo:	EPA 8015B			Analysis Date:	6/22/2017	SeqNo:	2672203
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	5.839	1.0	5.000	0	117	74	127				
Surr: Chlorobenzene - d5	106.952		100.0		107	46	157				
Sample ID	E170622MB1	SampType:	MBLK	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115913
Client ID:	PBS	Batch ID:	E17VS109	TestNo:	EPA 8015B			Analysis Date:	6/22/2017	SeqNo:	2672204
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	0.065	1.0	100.0		124	46	157				
Surr: Chlorobenzene - d5	124.123										
Sample ID	N024672-002AMS	SampType:	MS	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115913
Client ID:	ZZZZZZ	Batch ID:	E17VS109	TestNo:	EPA 8015B			Analysis Date:	6/22/2017	SeqNo:	2672207
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	5.455	1.0	5.000	0.05500	108	27	144				
Surr: Chlorobenzene - d5	112.536		100.0		113	46	157				
Sample ID	N024672-002AMSD	SampType:	MSD	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115913
Client ID:	ZZZZZZ	Batch ID:	E17VS109	TestNo:	EPA 8015B			Analysis Date:	6/22/2017	SeqNo:	2672208
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	5.147	1.0	5.000	0.05500	102	27	144	5.455	5.81	20	
Surr: Chlorobenzene - d5	115.751		100.0		116	46	157		0		

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_S

Sample ID	E170623LCS	SampType:	LCS	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115949
Client ID:	LCSS	Batch ID:	E17VS110	TestNo:	EPA 8015B			Analysis Date:	6/23/2017	SeqNo:	2674038
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	6.347	1.0	5.000	0	127	74	127				
Surr: Chlorobenzene - d5	112.297		100.0		112	46	157				
Sample ID	E170623MB1	SampType:	MBLK	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115949
Client ID:	PBS	Batch ID:	E17VS110	TestNo:	EPA 8015B			Analysis Date:	6/23/2017	SeqNo:	2674039
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	0.068	1.0	100.0		124	46	157				
Surr: Chlorobenzene - d5	124.356										
Sample ID	N024682-006AMS	SampType:	MS	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115949
Client ID:	ZZZZZZ	Batch ID:	E17VS110	TestNo:	EPA 8015B			Analysis Date:	6/23/2017	SeqNo:	2674041
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	5.626	1.0	5.000	0.06300	111	27	144				
Surr: Chlorobenzene - d5	118.208		100.0		118	46	157				
Sample ID	N024682-006AMSD	SampType:	MSD	TestCode:	8015GAS_S	Units:	mg/Kg	Prep Date:		RunNo:	115949
Client ID:	ZZZZZZ	Batch ID:	E17VS110	TestNo:	EPA 8015B			Analysis Date:	6/23/2017	SeqNo:	2674042
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
GRO	5.986	1.0	5.000	0.06300	118	27	144	5.626	6.20	20	
Surr: Chlorobenzene - d5	107.265		100.0		107	46	157				

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170621LCS	SampType:	LCS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914			
Client ID:	LCSS	Batch ID:	P17VS071	TestNo:	EPA 8260B				Analysis Date: 6/22/2017			SeqNo: 2672143		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane		37.960		5.0	40.00	0	94.9	79	123					
1,1,1-Trichloroethane		39.780		5.0	40.00	0	99.4	77	126					
1,1,2,2-Tetrachloroethane		39.030		5.0	40.00	0	97.6	75	127					
1,1,2-Trichloroethane		39.700		5.0	40.00	0	99.2	78	116					
1,1-Dichloroethane		36.590		5.0	40.00	0	91.5	60	134					
1,1-Dichloroethene		51.300		5.0	40.00	0	128	67	129					
1,1-Dichloropropene		45.380		5.0	40.00	0	113	84	132					
1,2,3-Trichlorobenzene		39.700		5.0	40.00	0	99.2	77	127					
1,2,3-Trichloropropane		38.050		5.0	40.00	0	95.1	72	125					
1,2,4-Trichlorobenzene		40.560		5.0	40.00	0	101	72	128					
1,2,4-Trimethylbenzene		41.110		5.0	40.00	0	103	87	130					
1,2-Dibromo-3-chloropropane		34.810		10	40.00	0	87.0	70	128					
1,2-Dibromoethane		38.680		5.0	40.00	0	96.7	81	121					
1,2-Dichlorobenzene		40.840		5.0	40.00	0	102	83	126					
1,2-Dichloroethane		36.040		5.0	40.00	0	90.1	78	119					
1,2-Dichloropropane		37.700		5.0	40.00	0	94.3	81	120					
1,3,5-Trimethylbenzene		40.470		5.0	40.00	0	101	89	129					
1,3-Dichlorobenzene		40.550		5.0	40.00	0	101	83	124					
1,3-Dichloropropane		39.820		5.0	40.00	0	99.6	83	123					
1,4-Dichlorobenzene		41.400		5.0	40.00	0	104	80	125					
2,2-Dichloropropane		38.700		5.0	40.00	0	96.8	64	135					
2-Butanone		395.920		50	400.0	0	99.0	20	168					
2-Chlorotoluene		39.290		5.0	40.00	0	98.2	83	123					
4-Chlorotoluene		39.460		5.0	40.00	0	98.6	84	128					
4-Isopropyltoluene		42.500		5.0	40.00	0	106	86	136					
Benzene		41.240		5.0	40.00	0	103	83	120					
Bromobenzene		40.180		5.0	40.00	0	100	81	120					
Bromodichloromethane		37.570		5.0	40.00	0	93.9	81	120					
Bromoform		32.290		5.0	40.00	0	80.7	72	129					
Bromomethane		51.150		5.0	40.00	0	128	32	152					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170621LCS	SampType:	LCS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914			
Client ID:	LCSS	Batch ID:	P17VS071	TestNo:	EPA 8260B				Analysis Date: 6/22/2017			SeqNo: 2672143		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Carbon tetrachloride		40.720		5.0	40.00	0	102	74	135					
Chlorobenzene		40.990		5.0	40.00	0	102	84	123					
Chloroethane		49.460		5.0	40.00	0	124	69	153					
Chloroform		35.720		5.0	40.00	0	89.3	76	116					
Chloromethane		40.040		5.0	40.00	0	100	47	135					
cis-1,2-Dichloroethene		38.280		5.0	40.00	0	95.7	80	119					
cis-1,3-Dichloropropene		38.060		5.0	40.00	0	95.2	82	127					
Dibromochloromethane		36.830		5.0	40.00	0	92.1	81	127					
Dibromomethane		36.840		5.0	40.00	0	92.1	79	117					
Dichlorodifluoromethane		66.810		5.0	40.00	0	167	26	188					
Ethylbenzene		40.050		5.0	40.00	0	100	84	123					
Freon-113		44.820		5.0	40.00	0	112	48	130					
Hexachlorobutadiene		42.040		5.0	40.00	0	105	77	134					
Isopropylbenzene		35.230		5.0	40.00	0	88.1	66	129					
m,p-Xylene		80.750		10	80.00	0	101	86	126					
Methylene chloride		35.880		5.0	40.00	0	89.7	65	131					
MTBE		33.670		5.0	40.00	0	84.2	70	114					
n-Butylbenzene		42.300		5.0	40.00	0	106	79	138					
n-Propylbenzene		41.720		5.0	40.00	0	104	86	132					
Naphthalene		36.370		5.0	40.00	0	90.9	69	124					
o-Xylene		39.860		5.0	40.00	0	99.7	87	127					
sec-Butylbenzene		42.700		5.0	40.00	0	107	87	134					
Styrene		38.690		5.0	40.00	0	96.7	88	124					
tert-Butylbenzene		41.760		5.0	40.00	0	104	87	134					
Tetrachloroethene		42.960		5.0	40.00	0	107	82	127					
Toluene		40.130		5.0	40.00	0	100	78	118					
trans-1,2-Dichloroethene		39.720		5.0	40.00	0	99.3	74	124					
Trichloroethene		42.900		5.0	40.00	0	107	82	123					
Trichlorofluoromethane		57.110		5.0	40.00	0	143	68	148					
Vinyl chloride		51.840		5.0	40.00	0	130	61	137					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID P170621LCS	SampType: LCS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:				RunNo: 115914			
Client ID: LCSS	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017				SeqNo: 2672143			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	44.460		50.00		88.9	71	154				
Surr: 4-Bromofluorobenzene	47.230		50.00		94.5	80	125				
Surr: Dibromofluoromethane	48.770		50.00		97.5	80	128				
Surr: Toluene-d8	49.250		50.00		98.5	80	120				
Sample ID P170621LCSD	SampType: LCSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:				RunNo: 115914			
Client ID: LCSS02	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017				SeqNo: 2672144			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	37.500	5.0	40.00	0	93.8	79	123	37.96	1.22	20	
1,1,1-Trichloroethane	35.830	5.0	40.00	0	89.6	77	126	39.78	10.4	20	
1,1,2,2-Tetrachloroethane	39.120	5.0	40.00	0	97.8	75	127	39.03	0.230	20	
1,1,2-Trichloroethane	38.450	5.0	40.00	0	96.1	78	116	39.70	3.20	20	
1,1-Dichloroethane	34.010	5.0	40.00	0	85.0	60	134	36.59	7.31	20	
1,1-Dichloroethene	45.200	5.0	40.00	0	113	67	129	51.30	12.6	20	
1,1-Dichloropropene	41.400	5.0	40.00	0	104	84	132	45.38	9.17	20	
1,2,3-Trichlorobenzene	39.950	5.0	40.00	0	99.9	77	127	39.70	0.628	20	
1,2,3-Trichloropropane	37.080	5.0	40.00	0	92.7	72	125	38.05	2.58	20	
1,2,4-Trichlorobenzene	41.250	5.0	40.00	0	103	72	128	40.56	1.69	20	
1,2,4-Trimethylbenzene	39.940	5.0	40.00	0	99.8	87	130	41.11	2.89	20	
1,2-Dibromo-3-chloropropane	33.960	10	40.00	0	84.9	70	128	34.81	2.47	20	
1,2-Dibromoethane	37.550	5.0	40.00	0	93.9	81	121	38.68	2.96	20	
1,2-Dichlorobenzene	40.400	5.0	40.00	0	101	83	126	40.84	1.08	20	
1,2-Dichloroethane	35.870	5.0	40.00	0	89.7	78	119	36.04	0.473	20	
1,2-Dichloropropene	36.860	5.0	40.00	0	92.2	81	120	37.70	2.25	20	
1,3,5-Trimethylbenzene	40.010	5.0	40.00	0	100	89	129	40.47	1.14	20	
1,3-Dichlorobenzene	40.210	5.0	40.00	0	101	83	124	40.55	0.842	20	
1,3-Dichloropropene	39.000	5.0	40.00	0	97.5	83	123	39.82	2.08	20	
1,4-Dichlorobenzene	41.250	5.0	40.00	0	103	80	125	41.40	0.363	20	
2,2-Dichloropropane	34.970	5.0	40.00	0	87.4	64	135	38.70	10.1	20	

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170621LCSD	SampType:	LCSD	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914		
Client ID:	LCSS02	Batch ID:	P17VS071	TestNo:	EPA 8260B				Analysis Date:	6/22/2017	SeqNo: 2672144		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
2-Butanone		309.660	50	400.0	0	77.4	20	168	395.9	24.5	20	R	
2-Chlorotoluene		39.090	5.0	40.00	0	97.7	83	123	39.29	0.510	20		
4-Chlorotoluene		39.490	5.0	40.00	0	98.7	84	128	39.46	0.0760	20		
4-Isopropyltoluene		40.520	5.0	40.00	0	101	86	136	42.50	4.77	20		
Benzene		39.270	5.0	40.00	0	98.2	83	120	41.24	4.89	20		
Bromobenzene		39.630	5.0	40.00	0	99.1	81	120	40.18	1.38	20		
Bromodichloromethane		37.210	5.0	40.00	0	93.0	81	120	37.57	0.963	20		
Bromoform		32.010	5.0	40.00	0	80.0	72	129	32.29	0.871	20		
Bromomethane		47.710	5.0	40.00	0	119	32	152	51.15	6.96	20		
Carbon tetrachloride		37.820	5.0	40.00	0	94.6	74	135	40.72	7.38	20		
Chlorobenzene		40.370	5.0	40.00	0	101	84	123	40.99	1.52	20		
Chloroethane		45.610	5.0	40.00	0	114	69	153	49.46	8.10	20		
Chloroform		34.200	5.0	40.00	0	85.5	76	116	35.72	4.35	20		
Chloromethane		37.770	5.0	40.00	0	94.4	47	135	40.04	5.83	20		
cis-1,2-Dichloroethene		36.420	5.0	40.00	0	91.1	80	119	38.28	4.98	20		
cis-1,3-Dichloropropene		37.560	5.0	40.00	0	93.9	82	127	38.06	1.32	20		
Dibromochloromethane		35.850	5.0	40.00	0	89.6	81	127	36.83	2.70	20		
Dibromomethane		36.170	5.0	40.00	0	90.4	79	117	36.84	1.84	20		
Dichlorodifluoromethane		59.490	5.0	40.00	0	149	26	188	66.81	11.6	20		
Ethylbenzene		39.280	5.0	40.00	0	98.2	84	123	40.05	1.94	20		
Freon-113		38.140	5.0	40.00	0	95.4	48	130	44.82	16.1	20		
Hexachlorobutadiene		38.720	5.0	40.00	0	96.8	77	134	42.04	8.22	20		
Isopropylbenzene		33.250	5.0	40.00	0	83.1	66	129	35.23	5.78	20		
m,p-Xylene		78.900	10	80.00	0	98.6	86	126	80.75	2.32	20		
Methylene chloride		34.290	5.0	40.00	0	85.7	65	131	35.88	4.53	20		
MTBE		32.030	5.0	40.00	0	80.1	70	114	33.67	4.99	20		
n-Butylbenzene		41.630	5.0	40.00	0	104	79	138	42.30	1.60	20		
n-Propylbenzene		40.800	5.0	40.00	0	102	86	132	41.72	2.23	20		
Naphthalene		38.160	5.0	40.00	0	95.4	69	124	36.37	4.80	20		
o-Xylene		40.080	5.0	40.00	0	100	87	127	39.86	0.550	20		

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID P170621LCSD	SampType: LCSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:				RunNo: 115914			
Client ID: LCSS02	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017				SeqNo: 2672144			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	40.380	5.0	40.00	0	101	87	134	42.70	5.58	20	
Styrene	37.660	5.0	40.00	0	94.2	88	124	38.69	2.70	20	
tert-Butylbenzene	39.910	5.0	40.00	0	99.8	87	134	41.76	4.53	20	
Tetrachloroethene	40.770	5.0	40.00	0	102	82	127	42.96	5.23	20	
Toluene	39.100	5.0	40.00	0	97.8	78	118	40.13	2.60	20	
trans-1,2-Dichloroethene	36.060	5.0	40.00	0	90.2	74	124	39.72	9.66	20	
Trichloroethene	40.770	5.0	40.00	0	102	82	123	42.90	5.09	20	
Trichlorofluoromethane	50.490	5.0	40.00	0	126	68	148	57.11	12.3	20	
Vinyl chloride	46.480	5.0	40.00	0	116	61	137	51.84	10.9	20	
Surr: 1,2-Dichloroethane-d4	42.900		50.00		85.8	71	154		0		
Surr: 4-Bromofluorobenzene	46.330		50.00		92.7	80	125		0		
Surr: Dibromofluoromethane	46.320		50.00		92.6	80	128		0		
Surr: Toluene-d8	48.610		50.00		97.2	80	120		0		
Sample ID P170621MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:				RunNo: 115914			
Client ID: PBS	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017				SeqNo: 2672147			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: P170621MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 115914
Client ID: PBS	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017	SeqNo: 2672147
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
1,2-Dibromoethane	ND	5.0			
1,2-Dichlorobenzene	ND	5.0			
1,2-Dichloroethane	ND	5.0			
1,2-Dichloropropane	ND	5.0			
1,3,5-Trimethylbenzene	ND	5.0			
1,3-Dichlorobenzene	ND	5.0			
1,3-Dichloropropane	ND	5.0			
1,4-Dichlorobenzene	ND	5.0			
2,2-Dichloropropane	ND	5.0			
2-Butanone	ND	50			
2-Chlorotoluene	ND	5.0			
4-Chlorotoluene	ND	5.0			
4-Isopropyltoluene	ND	5.0			
Benzene	ND	5.0			
Bromobenzene	ND	5.0			
Bromodichloromethane	ND	5.0			
Bromoform	ND	5.0			
Bromomethane	ND	5.0			
Carbon tetrachloride	ND	5.0			
Chlorobenzene	ND	5.0			
Chloroethane	ND	5.0			
Chloroform	ND	5.0			
Chloromethane	ND	5.0			
cis-1,2-Dichloroethene	ND	5.0			
cis-1,3-Dichloropropene	ND	5.0			
Dibromochloromethane	ND	5.0			
Dibromomethane	ND	5.0			
Dichlorodifluoromethane	ND	5.0			
Ethylbenzene	ND	5.0			
Freon-113	ND	5.0			

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

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H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID P170621MB3	SampType: MBLK	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 115914
Client ID: PBS	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017	SeqNo: 2672147
Analyte					
Hexachlorobutadiene	ND	5.0			
Isopropylbenzene	ND	5.0			
m,p-Xylene	ND	10			
Methylene chloride	ND	5.0			
MTBE	ND	5.0			
n-Butylbenzene	ND	5.0			
n-Propylbenzene	ND	5.0			
Naphthalene	ND	5.0			
o-Xylene	ND	5.0			
sec-Butylbenzene	ND	5.0			
Styrene	ND	5.0			
tert-Butylbenzene	ND	5.0			
Tetrachloroethene	ND	5.0			
Toluene	ND	5.0			
trans-1,2-Dichloroethene	ND	5.0			
Trichloroethene	ND	5.0			
Trichlorofluoromethane	ND	5.0			
Vinyl chloride	ND	5.0			
Surr: 1,2-Dichloroethane-d4	41.730	50.00	83.5	71	154
Surr: 4-Bromofluorobenzene	46.160	50.00	92.3	80	125
Surr: Dibromofluoromethane	46.120	50.00	92.2	80	128
Surr: Toluene-d8	49.450	50.00	98.9	80	120

Sample ID N024682-001AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 115914
Client ID: ZZZZZZ	Batch ID: P17VS071	TestNo: EPA 8260B		Analysis Date: 6/22/2017	SeqNo: 2672170
Analyte					
1,1,1,2-Tetrachloroethane	28.470	5.0	40.00	0	71.2
1,1,1-Trichloroethane	28.250	5.0	40.00	0	70.6
1,1,2,2-Tetrachloroethane	38.510	5.0	40.00	0	96.3
51				35	129
56					128
96.3					170

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024682-001AMS	SampType:	MS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914			
Client ID:	ZZZZZZ	Batch ID:	P17VS071	TestNo:	EPA 8260B				Analysis Date: 6/22/2017			SeqNo: 2672170		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,2-Trichloroethane		37.520		5.0	40.00	0	93.8	63	134					
1,1-Dichloroethane		27.070		5.0	40.00	0	67.7	50	123					
1,1-Dichloroethene		36.960		5.0	40.00	0	92.4	54	126					
1,1-Dichloropropene		32.070		5.0	40.00	0	80.2	63	131					
1,2,3-Trichlorobenzene		28.870		5.0	40.00	0	72.2	13	147					
1,2,3-Trichloropropane		36.140		5.0	40.00	0	90.4	51	158					
1,2,4-Trichlorobenzene		28.050		5.0	40.00	0	70.1	19	134					
1,2,4-Trimethylbenzene		28.140		5.0	40.00	0	70.4	40	145					
1,2-Dibromo-3-chloropropane		36.510		10	40.00	0	91.3	52	171					
1,2-Dibromoethane		37.000		5.0	40.00	0	92.5	65	145					
1,2-Dichlorobenzene		30.290		5.0	40.00	0	75.7	44	134					
1,2-Dichloroethane		33.410		5.0	40.00	0	83.5	62	129					
1,2-Dichloropropane		29.790		5.0	40.00	0	74.5	58	126					
1,3,5-Trimethylbenzene		27.420		5.0	40.00	0	68.6	44	142					
1,3-Dichlorobenzene		28.010		5.0	40.00	0	70.0	41	130					
1,3-Dichloropropane		36.800		5.0	40.00	0	92.0	64	142					
1,4-Dichlorobenzene		29.250		5.0	40.00	0	73.1	42	128					
2,2-Dichloropropane		26.890		5.0	40.00	0	67.2	45	136					
2-Butanone		537.930		50	400.0	0	134	3	227					
2-Chlorotoluene		27.100		5.0	40.00	0	67.8	42	132					
4-Chlorotoluene		27.570		5.0	40.00	0	68.9	43	135					
4-Isopropyltoluene		28.160		5.0	40.00	0	70.4	43	144					
Benzene		30.900		5.0	40.00	0	77.2	58	122					
Bromobenzene		30.920		5.0	40.00	0	77.3	44	130					
Bromodichloromethane		28.980		5.0	40.00	0	72.4	58	125					
Bromoform		29.440		5.0	40.00	0	73.6	50	154					
Bromomethane		41.040		5.0	40.00	0	103	40	120					
Carbon tetrachloride		27.850		5.0	40.00	0	69.6	56	131					
Chlorobenzene		29.940		5.0	40.00	0	74.9	56	123					
Chloroethane		37.020		5.0	40.00	0	92.6	30	146					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024682-001AMS	SampType:	MS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914			
Client ID:	ZZZZZZ	Batch ID:	P17VS071	TestNo:	EPA 8260B				Analysis Date: 6/22/2017			SeqNo: 2672170		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Chloroform		26.890		5.0	40.00	0	67.2	56	119					
Chloromethane		30.950		5.0	40.00	0	77.4	39	131					
cis-1,2-Dichloroethene		29.840		5.0	40.00	0	74.6	34	141					
cis-1,3-Dichloropropene		31.270		5.0	40.00	0	78.2	53	139					
Dibromochloromethane		31.200		5.0	40.00	0	78.0	59	140					
Dibromomethane		35.520		5.0	40.00	0	88.8	64	134					
Dichlorodifluoromethane		49.710		5.0	40.00	0	124	12	200					
Ethylbenzene		28.040		5.0	40.00	0	70.1	54	125					
Freon-113		29.970		5.0	40.00	0	74.9	34	128					
Hexachlorobutadiene		25.340		5.0	40.00	0	63.4	33	127					
Isopropylbenzene		23.930		5.0	40.00	0	59.8	25	141					
m,p-Xylene		56.510		10	80.00	0	70.6	52	130					
Methylene chloride		27.290		5.0	40.00	0	68.2	53	123					
MTBE		32.560		5.0	40.00	0	81.4	59	128					
n-Butylbenzene		26.730		5.0	40.00	0	66.8	31	142					
n-Propylbenzene		28.040		5.0	40.00	0	70.1	47	138					
Naphthalene		38.910		5.0	40.00	0	97.3	30	154					
o-Xylene		29.020		5.0	40.00	0	72.6	54	130					
sec-Butylbenzene		27.530		5.0	40.00	0	68.8	49	139					
Styrene		28.130		5.0	40.00	0	70.3	50	127					
tert-Butylbenzene		28.190		5.0	40.00	0	70.5	48	140					
Tetrachloroethene		29.740		5.0	40.00	0	74.4	56	125					
Toluene		29.560		5.0	40.00	0.6300	72.3	54	119					
trans-1,2-Dichloroethene		29.780		5.0	40.00	0	74.4	60	116					
Trichloroethene		32.340		5.0	40.00	0	80.9	33	153					
Trichlorofluoromethane		41.630		5.0	40.00	0	104	30	161					
Vinyl chloride		37.180		5.0	40.00	0	93.0	43	140					
Surf: 1,2-Dichloroethane-d4		45.740			50.00		91.5	71	154					
Surf: 4-Bromofluorobenzene		47.010			50.00		94.0	80	125					
Surf: Dibromofluoromethane		47.710			50.00		95.4	80	128					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024682-001AMS	SampType:	MS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:		RunNo:	115914
Client ID:	ZZZZZZ	Batch ID:	P17VS071	TestNo:	EPA 8260B			Analysis Date:	6/22/2017	SeqNo:	2672170
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
Surr: Toluene-d8		47.530			50.00		95.1	80	120		
Sample ID	N024682-001AMSD	SampType:	MSD	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:		RunNo:	115914
Client ID:	ZZZZZZ	Batch ID:	P17VS071	TestNo:	EPA 8260B			Analysis Date:	6/22/2017	SeqNo:	2672171
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
1,1,1,2-Tetrachloroethane	28.710	5.0	40.00	0	71.8	51	129	28.47	0.839	20	
1,1,1-Trichloroethane	28.800	5.0	40.00	0	72.0	56	128	28.25	1.93	20	
1,1,2,2-Tetrachloroethane	39.640	5.0	40.00	0	99.1	35	170	38.51	2.89	20	
1,1,2-Trichloroethane	37.430	5.0	40.00	0	93.6	63	134	37.52	0.240	20	
1,1-Dichloroethane	27.900	5.0	40.00	0	69.8	50	123	27.07	3.02	20	
1,1-Dichloroethene	36.390	5.0	40.00	0	91.0	54	126	36.96	1.55	20	
1,1-Dichloropropene	32.270	5.0	40.00	0	80.7	63	131	32.07	0.622	20	
1,2,3-Trichlorobenzene	28.080	5.0	40.00	0	70.2	13	147	28.87	2.77	20	
1,2,3-Trichloropropane	36.560	5.0	40.00	0	91.4	51	158	36.14	1.16	20	
1,2,4-Trichlorobenzene	25.920	5.0	40.00	0	64.8	19	134	28.05	7.89	20	
1,2,4-Trimethylbenzene	26.380	5.0	40.00	0	66.0	40	145	28.14	6.46	20	
1,2-Dibromo-3-chloropropane	39.610	10	40.00	0	99.0	52	171	36.51	8.15	20	
1,2-Dibromoethane	38.730	5.0	40.00	0	96.8	65	145	37.00	4.57	20	
1,2-Dichlorobenzene	28.980	5.0	40.00	0	72.4	44	134	30.29	4.42	20	
1,2-Dichloroethane	33.990	5.0	40.00	0	85.0	62	129	33.41	1.72	20	
1,2-Dichloropropane	30.620	5.0	40.00	0	76.6	58	126	29.79	2.75	20	
1,3,5-Trimethylbenzene	25.750	5.0	40.00	0	64.4	44	142	27.42	6.28	20	
1,3-Dichlorobenzene	26.830	5.0	40.00	0	67.1	41	130	28.01	4.30	20	
1,3-Dichloropropane	37.190	5.0	40.00	0	93.0	64	142	36.80	1.05	20	
1,4-Dichlorobenzene	27.990	5.0	40.00	0	70.0	42	128	29.25	4.40	20	
2,2-Dichloropropane	27.660	5.0	40.00	0	69.2	45	136	26.89	2.82	20	
2-Butanone	583.020	50	400.0	0	146	3	227	537.9	8.04	20	
2-Chlorotoluene	25.540	5.0	40.00	0	63.8	42	132	27.10	5.93	20	
4-Chlorotoluene	25.890	5.0	40.00	0	64.7	43	135	27.57	6.29	20	

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024682-001AMSD	SampType:	MSD	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914			
Client ID:	ZZZZZZ	Batch ID:	P17VS071	TestNo:	EPA 8260B				Analysis Date: 6/22/2017			SeqNo: 2672171		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
4-Isopropyltoluene		25.930	5.0	40.00	0	64.8	43	144	28.16	8.25	20			
Benzene		31.220	5.0	40.00	0	78.0	58	122	30.90	1.03	20			
Bromobenzene		29.640	5.0	40.00	0	74.1	44	130	30.92	4.23	20			
Bromodichloromethane		30.060	5.0	40.00	0	75.2	58	125	28.98	3.66	20			
Bromoform		31.390	5.0	40.00	0	78.5	50	154	29.44	6.41	20			
Bromomethane		39.290	5.0	40.00	0	98.2	40	120	41.04	4.36	20			
Carbon tetrachloride		27.650	5.0	40.00	0	69.1	56	131	27.85	0.721	20			
Chlorobenzene		29.820	5.0	40.00	0	74.6	56	123	29.94	0.402	20			
Chloroethane		36.050	5.0	40.00	0	90.1	30	146	37.02	2.65	20			
Chloroform		27.770	5.0	40.00	0	69.4	56	119	26.89	3.22	20			
Chloromethane		31.610	5.0	40.00	0	79.0	39	131	30.95	2.11	20			
cis-1,2-Dichloroethylene		30.380	5.0	40.00	0	76.0	34	141	29.84	1.79	20			
cis-1,3-Dichloropropene		31.090	5.0	40.00	0	77.7	53	139	31.27	0.577	20			
Dibromochloromethane		31.880	5.0	40.00	0	79.7	59	140	31.20	2.16	20			
Dibromomethane		36.630	5.0	40.00	0	91.6	64	134	35.52	3.08	20			
Dichlorodifluoromethane		50.150	5.0	40.00	0	125	12	200	49.71	0.881	20			
Ethylbenzene		27.640	5.0	40.00	0	69.1	54	125	28.04	1.44	20			
Freon-113		30.420	5.0	40.00	0	76.1	34	128	29.97	1.49	20			
Hexachlorobutadiene		21.700	5.0	40.00	0	54.2	33	127	25.34	15.5	20			
Isopropylbenzene		22.720	5.0	40.00	0	56.8	25	141	23.93	5.19	20			
m,p-Xylene		54.860	10	80.00	0	68.6	52	130	56.51	2.96	20			
Methylene chloride		28.310	5.0	40.00	0	70.8	53	123	27.29	3.67	20			
MTBE		34.200	5.0	40.00	0	85.5	59	128	32.56	4.91	20			
n-Butylbenzene		24.430	5.0	40.00	0	61.1	31	142	26.73	8.99	20			
n-Propylbenzene		26.100	5.0	40.00	0	65.3	47	138	28.04	7.17	20			
Naphthalene		37.310	5.0	40.00	0	93.3	30	154	38.91	4.20	20			
o-Xylene		28.250	5.0	40.00	0	70.6	54	130	29.02	2.69	20			
sec-Butylbenzene		25.270	5.0	40.00	0	63.2	49	139	27.53	8.56	20			
Styrene		27.440	5.0	40.00	0	68.6	50	127	28.13	2.48	20			
tert-Butylbenzene		26.560	5.0	40.00	0	66.4	48	140	28.19	5.95	20			

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024682-001AMSD	SampType:	MSD	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115914		
Client ID:	ZZZZZZ	Batch ID:	P17VS071	TestNo:	EPA 8260B	Analysis Date:			6/22/2017	SeqNo: 2672171			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Tetrachloroethene	29.270	5.0	40.00	0	73.2	56	125	29.74	1.59	20			
Toluene	29.720	5.0	40.00	0.6300	72.7	54	119	29.56	0.540	20			
trans-1,2-Dichloroethene	30.350	5.0	40.00	0	75.9	60	116	29.78	1.90	20			
Trichloroethene	32.490	5.0	40.00	0	81.2	33	153	32.34	0.463	20			
Trichlorofluoromethane	41.100	5.0	40.00	0	103	30	161	41.63	1.28	20			
Vinyl chloride	38.710	5.0	40.00	0	96.8	43	140	37.18	4.03	20			
Surr: 1,2-Dichloroethane-d4	48.430		50.00		96.9	71	154		0				
Surr: 4-Bromofluorobenzene	47.730		50.00		95.5	80	125		0				
Surr: Dibromofluoromethane	49.660		50.00		99.3	80	128		0				
Surr: Toluene-d8	47.920		50.00		95.8	80	120		0				

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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"Servina Clients with Passion and Professionalism"

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170626LCS	SampType:	LCS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115983			
Client ID:	LCSS	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date: 6/26/2017			SeqNo: 2675205		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane		40.010		5.0	40.00	0	100	79	123					
1,1,1-Trichloroethane		43.320		5.0	40.00	0	108	77	126					
1,1,2,2-Tetrachloroethane		42.030		5.0	40.00	0	105	75	127					
1,1,2-Trichloroethane		37.480		5.0	40.00	0	93.7	78	116					
1,1-Dichloroethane		41.800		5.0	40.00	0	104	60	134					
1,1-Dichloroethene		44.530		5.0	40.00	0	111	67	129					
1,1-Dichloropropene		44.020		5.0	40.00	0	110	84	132					
1,2,3-Trichlorobenzene		40.380		5.0	40.00	0	101	77	127					
1,2,3-Trichloropropane		39.460		5.0	40.00	0	98.6	72	125					
1,2,4-Trichlorobenzene		42.170		5.0	40.00	0	105	72	128					
1,2,4-Trimethylbenzene		42.200		5.0	40.00	0	106	87	130					
1,2-Dibromo-3-chloropropane		38.320	10	40.00	0	95.8	70	128						
1,2-Dibromoethane		39.860		5.0	40.00	0	99.7	81	121					
1,2-Dichlorobenzene		40.320		5.0	40.00	0	101	83	126					
1,2-Dichloroethane		39.040		5.0	40.00	0	97.6	78	119					
1,2-Dichloropropane		40.050		5.0	40.00	0	100	81	120					
1,3,5-Trimethylbenzene		42.080		5.0	40.00	0	105	89	129					
1,3-Dichlorobenzene		40.200		5.0	40.00	0	101	83	124					
1,3-Dichloropropane		41.580		5.0	40.00	0	104	83	123					
1,4-Dichlorobenzene		40.940		5.0	40.00	0	102	80	125					
2,2-Dichloropropane		43.390		5.0	40.00	0	108	64	135					
2-Butanone		408.570	50	400.0	0	102	20	168						
2-Chlorotoluene		41.150		5.0	40.00	0	103	83	123					
4-Chlorotoluene		42.060		5.0	40.00	0	105	84	128					
4-Isopropyltoluene		43.530		5.0	40.00	0	109	86	136					
Benzene		40.510		5.0	40.00	0	101	83	120					
Bromobenzene		38.160		5.0	40.00	0	95.4	81	120					
Bromodichloromethane		41.010		5.0	40.00	0	103	81	120					
Bromoform		37.050		5.0	40.00	0	92.6	72	129					
Bromomethane		48.750		5.0	40.00	0	122	32	152					

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out

E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values

H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference



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"Servina Clients with Passion and Professionalism"

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170626LCS	SampType:	LCS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115983			
Client ID:	LCSS	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date:		6/26/2017	SeqNo: 2675205		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Carbon tetrachloride		44.950		5.0	40.00	0	112	74	135					
Chlorobenzene		40.130		5.0	40.00	0	100	84	123					
Chloroethane		56.260		5.0	40.00	0	141	69	153					
Chloroform		41.420		5.0	40.00	0	104	76	116					
Chloromethane		48.660		5.0	40.00	0	122	47	135					
cis-1,2-Dichloroethene		40.810		5.0	40.00	0	102	80	119					
cis-1,3-Dichloropropene		42.570		5.0	40.00	0	106	82	127					
Dibromochloromethane		40.520		5.0	40.00	0	101	81	127					
Dibromomethane		40.600		5.0	40.00	0	102	79	117					
Dichlorodifluoromethane		48.240		5.0	40.00	0	121	26	188					
Ethylbenzene		40.630		5.0	40.00	0	102	84	123					
Freon-113		41.100		5.0	40.00	0	103	48	130					
Hexachlorobutadiene		42.980		5.0	40.00	0	107	77	134					
Isopropylbenzene		36.190		5.0	40.00	0	90.5	66	129					
m,p-Xylene		83.290		10	80.00	0	104	86	126					
Methylene chloride		36.930		5.0	40.00	0	92.3	65	131					
MTBE		40.760		5.0	40.00	0	102	70	114					
n-Butylbenzene		44.320		5.0	40.00	0	111	79	138					
n-Propylbenzene		44.710		5.0	40.00	0	112	86	132					
Naphthalene		41.910		5.0	40.00	0	105	69	124					
o-Xylene		41.140		5.0	40.00	0	103	87	127					
sec-Butylbenzene		44.070		5.0	40.00	0	110	87	134					
Styrene		39.640		5.0	40.00	0	99.1	88	124					
tert-Butylbenzene		44.250		5.0	40.00	0	111	87	134					
Tetrachloroethene		41.480		5.0	40.00	0	104	82	127					
Toluene		37.690		5.0	40.00	0	94.2	78	118					
trans-1,2-Dichloroethene		43.700		5.0	40.00	0	109	74	124					
Trichloroethene		41.940		5.0	40.00	0	105	82	123					
Trichlorofluoromethane		48.320		5.0	40.00	0	121	68	148					
Vinyl chloride		51.260		5.0	40.00	0	128	61	137					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170626LCS	SampType	LCS	TestCode	8260SOIL	Units	µg/Kg	Prep Date:			RunNo: 115983			
Client ID:	LCSS	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date: 6/26/2017			SeqNo: 2675205		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Surr: 1,2-Dichloroethane-d4		51.000			50.00		102	71	154					
Surr: 4-Bromofluorobenzene		49.250			50.00		98.5	80	125					
Surr: Dibromofluoromethane		52.550			50.00		105	80	128					
Surr: Toluene-d8		50.560			50.00		101	80	120					
Sample ID	P170626MB2	SampType	MBLK	TestCode	8260SOIL	Units	µg/Kg	Prep Date:			RunNo: 115983			
Client ID:	PBS	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date: 6/26/2017			SeqNo: 2675207		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane		ND	5.0											
1,1,1-Trichloroethane		ND	5.0											
1,1,2,2-Tetrachloroethane		ND	5.0											
1,1,2-Trichloroethane		ND	5.0											
1,1-Dichloroethane		ND	5.0											
1,1-Dichloroethene		ND	5.0											
1,1-Dichloropropene		ND	5.0											
1,2,3-Trichlorobenzene		ND	5.0											
1,2,3-Trichloropropane		ND	5.0											
1,2,4-Trichlorobenzene		ND	5.0											
1,2,4-Trimethylbenzene		ND	5.0											
1,2-Dibromo-3-chloropropane		ND	10											
1,2-Dibromoethane		ND	5.0											
1,2-Dichlorobenzene		ND	5.0											
1,2-Dichloroethane		ND	5.0											
1,2-Dichloropropane		ND	5.0											
1,3,5-Trimethylbenzene		ND	5.0											
1,3-Dichlorobenzene		ND	5.0											
1,3-Dichloropropane		ND	5.0											
1,4-Dichlorobenzene		ND	5.0											
2,2-Dichloropropane		ND	5.0											

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



ASSET LABORATORIES

ANALYTICAL SUPPORTS BASED ON ENVIRONMENT, TECHNOLOGY

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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170626MB2	SampType:	MBLK	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:		RunNo:	115983
Client ID:	PBS	Batch ID:	P17VS073	TestNo:	EPA 8260B			Analysis Date:	6/26/2017	SeqNo:	2675207
<hr/>											
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD
2-Butanone		ND		50							
2-Chlorotoluene		ND		5.0							
4-Chlorotoluene		ND		5.0							
4-Isopropyltoluene		ND		5.0							
Benzene		ND		5.0							
Bromobenzene		ND		5.0							
Bromodichloromethane		ND		5.0							
Bromoform		ND		5.0							
Bromomethane		ND		5.0							
Carbon tetrachloride		ND		5.0							
Chlorobenzene		ND		5.0							
Chloroethane		ND		5.0							
Chloroform		ND		5.0							
Chloromethane		ND		5.0							
cis-1,2-Dichloroethene		ND		5.0							
cis-1,3-Dichloropropene		ND		5.0							
Dibromochloromethane		ND		5.0							
Dibromomethane		ND		5.0							
Dichlorodifluoromethane		ND		5.0							
Ethylbenzene		ND		5.0							
Freon-113		ND		5.0							
Hexachlorobutadiene		ND		5.0							
Isopropylbenzene		ND		5.0							
m,p-Xylene		ND		10							
Methylene chloride		ND		5.0							
MTBE		ND		5.0							
n-Butylbenzene		ND		5.0							
n-Propylbenzene		ND		5.0							
Naphthalene		ND		5.0							
o-Xylene		ND		5.0							

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	P170626MB2	SampType	MBLK	TestCode	8260SOIL	Units	µg/Kg	Prep Date:		RunNo:	115983		
Client ID:	PBS	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date:	6/26/2017	SeqNo:	2675207	
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene		ND		5.0									
Styrene		ND		5.0									
tert-Butylbenzene		ND		5.0									
Tetrachloroethene		ND		5.0									
Toluene		ND		5.0									
trans-1,2-Dichloroethene		ND		5.0									
Trichloroethene		ND		5.0									
Trichlorofluoromethane		ND		5.0									
Vinyl chloride		ND		5.0									
Surr: 1,2-Dichloroethane-d4		54.510			50.00		109	71	154				
Surr: 4-Bromofluorobenzene		49.710			50.00		99.4	80	125				
Surr: Dibromofluoromethane		53.320			50.00		107	80	128				
Surr: Toluene-d8		51.420			50.00		103	80	120				
Sample ID	N024685-002AMS	SampType	MS	TestCode	8260SOIL	Units	µg/Kg	Prep Date:		RunNo:	115983		
Client ID:	ZZZZZZ <th>Batch ID:</th> <td>P17VS073</td> <th>TestNo:</th> <td>EPA 8260B</td> <th data-cs="3" data-kind="parent"></th> <th data-kind="ghost"></th> <th data-kind="ghost"></th> <th>Analysis Date:</th> <td>6/26/2017</td> <th>SeqNo:</th> <td>2675221</td>	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date:	6/26/2017	SeqNo:	2675221	
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane		36.090		5.0	40.00	0	90.2	51	129				
1,1,1-Trichloroethane		42.520		5.0	40.00	0	106	56	128				
1,1,2,2-Tetrachloroethane		40.140		5.0	40.00	0	100	35	170				
1,1,2-Trichloroethane		38.200		5.0	40.00	0	95.5	63	134				
1,1-Dichloroethane		39.290		5.0	40.00	0	98.2	50	123				
1,1-Dichloroethene		42.780		5.0	40.00	0	107	54	126				
1,1-Dichloropropene		40.260		5.0	40.00	0	101	63	131				
1,2,3-Trichlorobenzene		36.610		5.0	40.00	0	91.5	13	147				
1,2,3-Trichloropropane		38.720		5.0	40.00	0	96.8	51	158				
1,2,4-Trichlorobenzene		36.540		5.0	40.00	0	91.4	19	134				
1,2,4-Trimethylbenzene		36.500		5.0	40.00	0	91.2	40	145				
1,2-Dibromo-3-chloropropane		40.440		10	40.00	0	101	52	171				

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024685-002AMS	SampType:	MS	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115983			
Client ID:	ZZZZZZ	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date: 6/26/2017			SeqNo: 2675221		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,2-Dibromoethane		40.530		5.0	40.00	0	101	65	145					
1,2-Dichlorobenzene		37.040		5.0	40.00	0	92.6	44	134					
1,2-Dichloroethane		38.450		5.0	40.00	0	96.1	62	129					
1,2-Dichloropropane		37.240		5.0	40.00	0	93.1	58	126					
1,3,5-Trimethylbenzene		36.870		5.0	40.00	0	92.2	44	142					
1,3-Dichlorobenzene		35.520		5.0	40.00	0	88.8	41	130					
1,3-Dichloropropane		40.580		5.0	40.00	0	101	64	142					
1,4-Dichlorobenzene		36.230		5.0	40.00	0	90.6	42	128					
2,2-Dichloropropane		40.750		5.0	40.00	0	102	45	136					
2-Butanone		577.870		50	400.0	0	144	3	227					
2-Chlorotoluene		36.090		5.0	40.00	0	90.2	42	132					
4-Chlorotoluene		36.520		5.0	40.00	0	91.3	43	135					
4-Isopropyltoluene		37.380		5.0	40.00	0	93.5	43	144					
Benzene		36.740		5.0	40.00	0	91.9	58	122					
Bromobenzene		35.440		5.0	40.00	0	88.6	44	130					
Bromodichloromethane		38.500		5.0	40.00	0	96.2	58	125					
Bromoform		36.130		5.0	40.00	0	90.3	50	154					
Bromomethane		51.360		5.0	40.00	0	128	40	120				S	
Carbon tetrachloride		39.460		5.0	40.00	0	98.6	56	131					
Chlorobenzene		35.950		5.0	40.00	0	89.9	56	123					
Chloroethane		52.430		5.0	40.00	0	131	30	146					
Chloroform		39.000		5.0	40.00	0	97.5	56	119					
Chloromethane		42.990		5.0	40.00	0	107	39	131					
cis-1,2-Dichloroethene		38.420		5.0	40.00	0	96.0	34	141					
cis-1,3-Dichloropropene		39.280		5.0	40.00	0	98.2	53	139					
Dibromochloromethane		37.340		5.0	40.00	0	93.4	59	140					
Dibromomethane		39.600		5.0	40.00	0	99.0	64	134					
Dichlorodifluoromethane		46.300		5.0	40.00	0	116	12	200					
Ethylbenzene		36.280		5.0	40.00	0	90.7	54	125					
Freon-113		39.190		5.0	40.00	0	98.0	34	128					

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID N024685-002AMS	SampType: MS	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:				RunNo: 115983			
Client ID: ZZZZZZ	Batch ID: P17VS073	TestNo: EPA 8260B				Analysis Date: 6/26/2017				SeqNo: 2675221	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Hexachlorobutadiene	33.540	5.0	40.00	0	83.9	33	127				
Isopropylbenzene	31.010	5.0	40.00	0	77.5	25	141				
m,p-Xylene	73.990	10	80.00	0	92.5	52	130				
Methylene chloride	36.480	5.0	40.00	0	91.2	53	123				
MTBE	43.030	5.0	40.00	0	108	59	128				
n-Butylbenzene	37.480	5.0	40.00	0	93.7	31	142				
n-Propylbenzene	38.320	5.0	40.00	0	95.8	47	138				
Naphthalene	39.700	5.0	40.00	0	99.2	30	154				
o-Xylene	36.870	5.0	40.00	0	92.2	54	130				
sec-Butylbenzene	37.400	5.0	40.00	0	93.5	49	139				
Styrene	35.950	5.0	40.00	0	89.9	50	127				
tert-Butylbenzene	37.800	5.0	40.00	0	94.5	48	140				
Tetrachloroethene	36.610	5.0	40.00	0	91.5	56	125				
Toluene	34.410	5.0	40.00	0	86.0	54	119				
trans-1,2-Dichloroethene	40.280	5.0	40.00	0	101	60	116				
Trichloroethene	37.110	5.0	40.00	0	92.8	33	153				
Trichlorofluoromethane	47.620	5.0	40.00	0	119	30	161				
Vinyl chloride	49.890	5.0	40.00	0	125	43	140				
Surrogate: 1,2-Dichloroethane-d4	59.200		50.00		118	71	154				
Surrogate: 4-Bromofluorobenzene	51.370		50.00		103	80	125				
Surrogate: Dibromofluoromethane	57.810		50.00		116	80	128				
Surrogate: Toluene-d8	51.560		50.00		103	80	120				

Sample ID N024685-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:				RunNo: 115983			
Client ID: ZZZZZZ	Batch ID: P17VS073	TestNo: EPA 8260B				Analysis Date: 6/26/2017				SeqNo: 2675222	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	37.730	5.0	40.00	0	94.3	51	129	36.09	4.44	20	
1,1,1-Trichloroethane	44.130	5.0	40.00	0	110	56	128	42.52	3.72	20	
1,1,2,2-Tetrachloroethane	42.630	5.0	40.00	0	107	35	170	40.14	6.02	20	

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

Calculations are based on raw values



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024685-002AMSD	SampType:	MSD	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115983		
Client ID:	ZZZZZZ	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date:	6/26/2017	SeqNo: 2675222		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane		38.960		5.0	40.00	0	97.4	63	134	38.20	1.97	20	
1,1-Dichloroethane		41.210		5.0	40.00	0	103	50	123	39.29	4.77	20	
1,1-Dichloroethene		45.050		5.0	40.00	0	113	54	126	42.78	5.17	20	
1,1-Dichloropropene		41.570		5.0	40.00	0	104	63	131	40.26	3.20	20	
1,2,3-Trichlorobenzene		39.170		5.0	40.00	0	97.9	13	147	36.61	6.76	20	
1,2,3-Trichloropropane		39.940		5.0	40.00	0	99.8	51	158	38.72	3.10	20	
1,2,4-Trichlorobenzene		38.430		5.0	40.00	0	96.1	19	134	36.54	5.04	20	
1,2,4-Trimethylbenzene		38.010		5.0	40.00	0	95.0	40	145	36.50	4.05	20	
1,2-Dibromo-3-chloropropane		42.760		10	40.00	0	107	52	171	40.44	5.58	20	
1,2-Dibromoethane		40.540		5.0	40.00	0	101	65	145	40.53	0.0247	20	
1,2-Dichlorobenzene		37.860		5.0	40.00	0	94.6	44	134	37.04	2.19	20	
1,2-Dichloroethane		38.330		5.0	40.00	0	95.8	62	129	38.45	0.313	20	
1,2-Dichloropropane		38.410		5.0	40.00	0	96.0	58	126	37.24	3.09	20	
1,3,5-Trimethylbenzene		38.600		5.0	40.00	0	96.5	44	142	36.87	4.58	20	
1,3-Dichlorobenzene		37.120		5.0	40.00	0	92.8	41	130	35.52	4.41	20	
1,3-Dichloropropane		41.530		5.0	40.00	0	104	64	142	40.58	2.31	20	
1,4-Dichlorobenzene		37.690		5.0	40.00	0	94.2	42	128	36.23	3.95	20	
2,2-Dichloropropane		41.600		5.0	40.00	0	104	45	136	40.75	2.06	20	
2-Butanone		580.430		50	400.0	0	145	3	227	577.9	0.442	20	
2-Chlorotoluene		37.660		5.0	40.00	0	94.2	42	132	36.09	4.26	20	
4-Chlorotoluene		39.000		5.0	40.00	0	97.5	43	135	36.52	6.57	20	
4-Isopropyltoluene		39.300		5.0	40.00	0	98.2	43	144	37.38	5.01	20	
Benzene		38.280		5.0	40.00	0	95.7	58	122	36.74	4.11	20	
Bromobenzene		35.960		5.0	40.00	0	89.9	44	130	35.44	1.46	20	
Bromodichloromethane		39.920		5.0	40.00	0	99.8	58	125	38.50	3.62	20	
Bromoform		37.690		5.0	40.00	0	94.2	50	154	36.13	4.23	20	
Bromomethane		46.680		5.0	40.00	0	117	40	120	51.36	9.55	20	
Carbon tetrachloride		41.260		5.0	40.00	0	103	56	131	39.46	4.46	20	
Chlorobenzene		37.740		5.0	40.00	0	94.4	56	123	35.95	4.86	20	
Chloroethane		53.450		5.0	40.00	0	134	30	146	52.43	1.93	20	

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID	N024685-002AMSD	SampType:	MSD	TestCode:	8260SOIL	Units:	µg/Kg	Prep Date:			RunNo: 115983		
Client ID:	ZZZZZZ	Batch ID:	P17VS073	TestNo:	EPA 8260B				Analysis Date:	6/26/2017	SeqNo: 2675222		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform		41.230		5.0	40.00	0	103	56	119	39.00	5.56	20	
Chloromethane		45.330		5.0	40.00	0	113	39	131	42.99	5.30	20	
cis-1,2-Dichloroethene		40.210		5.0	40.00	0	101	34	141	38.42	4.55	20	
cis-1,3-Dichloropropene		40.190		5.0	40.00	0	100	53	139	39.28	2.29	20	
Dibromochloromethane		39.510		5.0	40.00	0	98.8	59	140	37.34	5.65	20	
Dibromomethane		41.070		5.0	40.00	0	103	64	134	39.60	3.64	20	
Dichlorodifluoromethane		48.230		5.0	40.00	0	121	12	200	46.30	4.08	20	
Ethylbenzene		37.660		5.0	40.00	0	94.2	54	125	36.28	3.73	20	
Freon-113		41.140		5.0	40.00	0	103	34	128	39.19	4.85	20	
Hexachlorobutadiene		35.010		5.0	40.00	0	87.5	33	127	33.54	4.29	20	
Isopropylbenzene		32.610		5.0	40.00	0	81.5	25	141	31.01	5.03	20	
m,p-Xylene		76.230		10	80.00	0	95.3	52	130	73.99	2.98	20	
Methylene chloride		37.140		5.0	40.00	0	92.8	53	123	36.48	1.79	20	
MTBE		44.360		5.0	40.00	0	111	59	128	43.03	3.04	20	
n-Butylbenzene		39.430		5.0	40.00	0	98.6	31	142	37.48	5.07	20	
n-Propylbenzene		40.300		5.0	40.00	0	101	47	138	38.32	5.04	20	
Naphthalene		42.850		5.0	40.00	0	107	30	154	39.70	7.63	20	
o-Xylene		38.580		5.0	40.00	0	96.5	54	130	36.87	4.53	20	
sec-Butylbenzene		39.800		5.0	40.00	0	99.5	49	139	37.40	6.22	20	
Styrene		37.100		5.0	40.00	0	92.8	50	127	35.95	3.15	20	
tert-Butylbenzene		39.900		5.0	40.00	0	99.8	48	140	37.80	5.41	20	
Tetrachloroethene		38.150		5.0	40.00	0	95.4	56	125	36.61	4.12	20	
Toluene		35.590		5.0	40.00	0	89.0	54	119	34.41	3.37	20	
trans-1,2-Dichloroethene		41.730		5.0	40.00	0	104	60	116	40.28	3.54	20	
Trichloroethene		38.530		5.0	40.00	0	96.3	33	153	37.11	3.75	20	
Trichlorofluoromethane		49.570		5.0	40.00	0	124	30	161	47.62	4.01	20	
Vinyl chloride		51.320		5.0	40.00	0	128	43	140	49.89	2.83	20	
Sur: 1,2-Dichloroethane-d4		58.410			50.00		117	71	154		0		
Sur: 4-Bromofluorobenzene		51.370			50.00		103	80	125		0		
Sur: Dibromofluoromethane		58.410			50.00		117	80	128		0		

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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"Servina Clients with Passion and Professionalism"

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL

Sample ID: N024685-002AMSD	SampType: MSD	TestCode: 8260SOIL	Units: µg/Kg	Prep Date:	RunNo: 115983
Client ID: ZZZZZZ	Batch ID: P17VS073	TestNo: EPA 8260B		Analysis Date: 6/26/2017	SeqNo: 2675222
<hr/>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Surr: Toluene-d8	51.860		50.00		104
				80	120
					0

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOILSIM_M

Sample ID LCS-62632	SampType: LCS	TestCode: 8270SOILSIM Units: µg/Kg				Prep Date: 6/23/2017			RunNo: 115963		
Client ID: LCSS	Batch ID: 62632	TestNo: EPA 8270CSI EPA 3546				Analysis Date: 6/25/2017			SeqNo: 2674419		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	34.000	5.0	50.00	0	68.0	44	109				
2-Methylnaphthalene	35.000	5.0	50.00	0	70.0	42	117				
Acenaphthene	34.000	5.0	50.00	0	68.0	46	109				
Acenaphthylene	34.500	5.0	50.00	0	69.0	45	114				
Anthracene	35.500	5.0	50.00	0	71.0	45	101				
Benzo(a)anthracene	35.000	5.0	50.00	0	70.0	38	119				
Benzo(a)pyrene	35.000	5.0	50.00	0	70.0	43	103				
Benzo(b)fluoranthene	29.500	5.0	50.00	0	59.0	31	126				
Benzo(g,h,i)perylene	45.500	5.0	50.00	0	91.0	26	118				
Benzo(k)fluoranthene	33.000	5.0	50.00	0	66.0	42	123				
Chrysene	33.000	5.0	50.00	0	66.0	45	109				
Dibenz(a,h)anthracene	41.000	5.0	50.00	0	82.0	33	118				
Fluoranthene	35.000	5.0	50.00	0	70.0	48	111				
Fluorene	35.000	5.0	50.00	0	70.0	47	112				
Indeno(1,2,3-cd)pyrene	41.500	5.0	50.00	0	83.0	31	119				
Naphthalene	34.000	5.0	50.00	0	68.0	43	109				
Phenanthrene	34.500	5.0	50.00	0	69.0	39	114				
Pyrene	35.000	5.0	50.00	0	70.0	48	113				
Surr: 1,2-Dichlorobenzene-d4	27.500		50.00		55.0	25	130				
Surr: 2-Fluorobiphenyl	38.000		50.00		76.0	23	130				
Surr: 4-Terphenyl-d14	39.500		50.00		79.0	24	130				
Surr: Nitrobenzene-d5	39.500		50.00		79.0	22	130				

Sample ID MB-62632	SampType: MLBK	TestCode: 8270SOILSIM Units: µg/Kg				Prep Date: 6/23/2017			RunNo: 115963		
Client ID: PBS	Batch ID: 62632	TestNo: EPA 8270CSI EPA 3546				Analysis Date: 6/25/2017			SeqNo: 2674420		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1-Methylnaphthalene	ND	5.0									
2-Methylnaphthalene	ND	5.0									
Acenaphthene	ND	5.0									

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

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H Holding times for preparation or analysis exceeded

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 3151 W. Post Rd., Las Vegas, NV 89118
 ELAP Cert 2676 | NV Cert NV00922
 ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOILSIM_M

Sample ID MB-62632	SampType: MBLK	TestCode: 8270SOILSIM Units: µg/Kg			Prep Date: 6/23/2017	RunNo: 115963					
Client ID: PBS	Batch ID: 62632	TestNo: EPA 8270CSI EPA 3546			Analysis Date: 6/25/2017	SeqNo: 2674420					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Acenaphthylene	ND	5.0									
Anthracene	ND	5.0									
Benzo(a)anthracene	ND	5.0									
Benzo(a)pyrene	ND	5.0									
Benzo(b)fluoranthene	ND	5.0									
Benzo(g,h,i)perylene	ND	5.0									
Benzo(k)fluoranthene	ND	5.0									
Chrysene	ND	5.0									
Dibenz(a,h)anthracene	ND	5.0									
Fluoranthene	ND	5.0									
Fluorene	ND	5.0									
Indeno(1,2,3-cd)pyrene	ND	5.0									
Naphthalene	ND	5.0									
Phenanthrene	ND	5.0									
Pyrene	ND	5.0									
Surr: 1,2-Dichlorobenzene-d4	27.000	50.00	54.0	25	130						
Surr: 2-Fluorobiphenyl	37.500	50.00	75.0	23	130						
Surr: 4-Terphenyl-d14	38.500	50.00	77.0	24	130						
Surr: Nitrobenzene-d5	38.500	50.00	77.0	22	130						

Sample ID N024682-001B-MS	SampType: MS	TestCode: 8270SOILSIM Units: µg/Kg			Prep Date: 6/23/2017	RunNo: 115963					
Client ID: ZZZZZZ	Batch ID: 62632	TestNo: EPA 8270CSI EPA 3546			Analysis Date: 6/25/2017	SeqNo: 2674422					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1-Methylnaphthalene	105.606	5.0	200.2	1.493	52.0	44	109				
2-Methylnaphthalene	114.615	5.0	200.2	2.489	56.0	42	117				
Acenaphthene	111.111	5.0	200.2	0	55.5	46	109				
Acenaphthylene	113.614	5.0	200.2	0	56.8	45	114				
Anthracene	119.620	5.0	200.2	0	59.8	45	101				
Benzo(a)anthracene	128.629	5.0	200.2	1.493	63.5	38	119				

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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ORELAP/NELAP Cert 4046

CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOILSIM_M

Sample ID	N024682-001B-MS	SampType:	MS	TestCode:	8270SOILSIM	Units:	µg/Kg	Prep Date:	6/23/2017	RunNo:	115963
Client ID:	ZZZZZZ	Batch ID:	62632	TestNo:	EPA 8270CSI	EPA 3546		Analysis Date:	6/25/2017	SeqNo:	2674422
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											

Benzo(a)pyrene	127.127	5.0	200.2	0	63.5	43	103
Benzo(b)fluoranthene	144.144	5.0	200.2	1.991	71.0	31	126
Benzo(g,h,i)perylene	97.598	5.0	200.2	15.93	40.8	26	118
Benzo(k)fluoranthene	112.613	5.0	200.2	0	56.3	42	123
Chrysene	117.117	5.0	200.2	0	58.5	45	109
Dibenz(a,h)anthracene	99.600	5.0	200.2	0	49.8	33	118
Fluoranthene	128.128	5.0	200.2	1.493	63.3	48	111
Fluorene	122.623	5.0	200.2	0	61.3	47	112
Indeno(1,2,3-cd)pyrene	98.599	5.0	200.2	1.493	48.5	31	119
Naphthalene	103.103	5.0	200.2	1.493	50.8	43	109
Phenanthrene	113.113	5.0	200.2	0.9955	56.0	39	114
Pyrene	128.128	5.0	200.2	1.493	63.3	48	113
Surr: 1,2-Dichlorobenzene-d4	20.521		50.05		41.0	25	130
Surr: 2-Fluorobiphenyl	31.031		50.05		62.0	23	130
Surr: 4-Terphenyl-d14	35.035		50.05		70.0	24	130
Surr: Nitrobenzene-d5	29.530		50.05		59.0	22	130

Sample ID	N024682-001B-MSD	SampType:	MSD	TestCode:	8270SOILSIM	Units:	µg/Kg	Prep Date:	6/23/2017	RunNo:	115963
Client ID:	ZZZZZZ	Batch ID:	62632	TestNo:	EPA 8270CSI	EPA 3546		Analysis Date:	6/25/2017	SeqNo:	2674423
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual											
1-Methylnaphthalene	118.408	5.0	199.0	1.493	58.7	44	109	105.6	11.4	20	
2-Methylnaphthalene	122.886	5.0	199.0	2.489	60.5	42	117	114.6	6.97	20	
Acenaphthene	119.403	5.0	199.0	0	60.0	46	109	111.1	7.19	20	
Acenaphthylene	114.428	5.0	199.0	0	57.5	45	114	113.6	0.714	20	
Anthracene	125.871	5.0	199.0	0	63.3	45	101	119.6	5.09	20	
Benzo(a)anthracene	136.816	5.0	199.0	1.493	68.0	38	119	128.6	6.17	20	
Benzo(a)pyrene	136.318	5.0	199.0	0	68.5	43	103	127.1	6.98	20	
Benzo(b)fluoranthene	154.229	5.0	199.0	1.991	76.5	31	126	144.1	6.76	20	
Benzo(g,h,i)perylene	97.512	5.0	199.0	15.93	41.0	26	118	97.60	0.0873	20	

Qualifiers:

B Analyte detected in the associated Method Blank

ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

E Value above quantitation range

R RPD outside accepted recovery limits

Calculations are based on raw values

H Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference



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CLIENT: Mc.Ginley and Associates
Work Order: N024682
Project: Silver Peak Soil, BRN042

ANALYTICAL QC SUMMARY REPORT

TestCode: 8270SOILSIM_M

Sample ID	N024682-001B-MSD	SampType:	MSD	TestCode:	8270SOILSIM	Units:	µg/Kg	Prep Date:	6/23/2017	RunNo:	115963		
Client ID:	ZZZZZZ	Batch ID:	62632	TestNo:	EPA 8270CSI	EPA 3546		Analysis Date:	6/25/2017	SeqNo:	2674423		
Analyte		Result		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(k)fluoranthene	161.692	5.0	199.0	0	81.2	42	123	112.6	35.8	20	R		
Chrysene	123.881	5.0	199.0	0	62.3	45	109	117.1	5.61	20			
Dibenz(a,h)anthracene	100.000	5.0	199.0	0	50.3	33	118	99.60	0.401	20			
Fluoranthene	126.368	5.0	199.0	1.493	62.7	48	111	128.1	1.38	20			
Fluorene	131.841	5.0	199.0	0	66.3	47	112	122.6	7.25	20			
Indeno(1,2,3-cd)pyrene	97.512	5.0	199.0	1.493	48.2	31	119	98.60	1.11	20			
Naphthalene	114.428	5.0	199.0	1.493	56.7	43	109	103.1	10.4	20			
Phenanthrene	122.388	5.0	199.0	0.9955	61.0	39	114	113.1	7.88	20			
Pyrene	126.866	5.0	199.0	1.493	63.0	48	113	128.1	0.990	20			
Surr: 1,2-Dichlorobenzene-d4	24.378		49.75		49.0	25	130		0				
Surr: 2-Fluorobiphenyl	34.826		49.75		70.0	23	130		0				
Surr: 4-Terphenyl-d14	34.328		49.75		69.0	24	130		0				
Surr: Nitrobenzene-d5	37.313		49.75		75.0	22	130		0				

Qualifiers:

B Analyte detected in the associated Method Blank

E Value above quantitation range

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike/Surrogate outside of limits due to matrix interference

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CHAIN OF CUSTODY RECORD

Page 1 of 2

Contact us:
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 California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
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www.assetlaboratories.com

Client: McGINCEY + ASSOCIATES		Report to: BRETT BOTTERBERG	Bill to:				EDD Requirement		QA/QC	Sample Receipt Condition			
Address: 1915 N Green Valley Pkwy		Company: MGA	Address:				Excel EDD	<input type="checkbox"/>	RTNE	<input type="checkbox"/>	Y N		
Address: SUITE 200		Email: BOTTERBERG @ GMAIL.COM					Geotracker	<input type="checkbox"/>	RWQCB	<input type="checkbox"/>	1. Chilled <input checked="" type="checkbox"/> <input type="checkbox"/>		
Phone: 702-260-4961 Fax: 702-260-4968		Address:					Labspec	<input type="checkbox"/>	CalTrans	<input type="checkbox"/>	2. Headspace <input type="checkbox"/> <input type="checkbox"/>		
Submitted By: J.T. PAYNE		Phone:	Email to: PO# LV256				Others	<input type="checkbox"/>	Level III	<input type="checkbox"/>	3. Container Intact <input checked="" type="checkbox"/> <input type="checkbox"/>		
Title: Soil Geologist		Fax:	Phone: Fax:				Specify:	LEVEL IV	<input type="checkbox"/>	4. Seal Present <input type="checkbox"/> <input type="checkbox"/>			
Signature:		Date: 6/20/17	Matrix				Regulatory	<input type="checkbox"/>	5. IR number	<input type="checkbox"/>			
I hereby authorize ASSET Labs to perform the tests indicated below:		Analyses Requested				Specify State:	<input type="checkbox"/>	6. Method of Cooling <input type="checkbox"/>					
Project Name: SILVER PEAK Soil						Courier:	<input type="checkbox"/>	Sample Temp: 4.6°C					
Project Number: BRN 042						Tracking No.	<input type="checkbox"/>						
Item No.	Laboratory Work Order No.	Sample ID/Location		Date	Time	Water	Solid	Others	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N024682 - 01	SS-01		6/20/17	7:10		X	X X X X					
2	- 02	SS-02			7:25								
3	- 03	SS-03			7:35								
4	- 04	SS-04			7:50								
5	- 05	SS-05			8:00								
6	- 06	SS-06			8:20								
7	- 07	SS-07			8:30								
8	- 08	SS-08			9:20								
9	- 09	SS-09			9:30								
10	- 10	SS-10		↓	9:35		↓	↓ ↓ ↓ ↓					

Relinquished by (Signature and Printed Name): Date / Time 6/21/17 11:44 Received by (Signature and Printed Name): Fkm mem Date / Time 6/21/17 11:44 Turn Around Time (TAT)

A < 24 Hrs or Same Day TAT

B = Next Workday

C = 2 Workdays

D = 3 Workdays

E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Relinquished by (Signature and Printed Name): Date / Time Received by (Signature and Printed Name): Date / Time

Relinquished by (Signature and Printed Name): Date / Time Received by (Signature and Printed Name): Date / Time

Preservatives:				Container Type:			
H = HCl	N = HNO ₃	S = H ₂ SO ₄	C = 4°C	T = Tube	V = VOA	P = Pint	
Z = Zn(AC) ₂	O = NaOH	I = Na ₂ S ₂ O ₃		J = Jar	B = Tedlar	G = Glass	

Terms
 1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
 Less than 24 hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
 3. Custom EDD formats will be an additional 3% of the total project price.

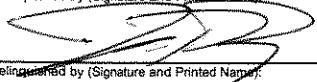
5. Trip Blanks and Equipment Blanks are billable sample.
 6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
 7. Terms are net 30 Days.
 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
 4. For lithological analysis TAT and Turnaround will increase.



CHAIN OF CUSTODY RECORD

Page **2** of **2**

Contact us:
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www.assetlaboratories.com

Client: MGA		Report to: Brett Botenberg	Bill to:				EDD Requirement		QA/QC	Sample Receipt Condition					
Address:		Company: MGA	Address:				Excel EDD	<input type="checkbox"/>	RTNE	<input type="checkbox"/>	Y	N			
Address:		Email: B.BOTENBERG@MAIL.COM					Geotracker	<input type="checkbox"/>	RWQCB	<input type="checkbox"/>	1. Chilled	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Phone:	Fax:	Address:					Labspec	<input type="checkbox"/>	CalTrans	<input type="checkbox"/>	2. Headspace	<input type="checkbox"/>	<input type="checkbox"/>		
Submitted By: J.T. PAYNE		Address:					Others	<input type="checkbox"/>	Level III	<input type="checkbox"/>	3. Container Intact	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Title: STAFF Geologist		Phone:	Fax:	Matrix		Analyses Requested				Specify:	LEVEL IV	<input type="checkbox"/>	4. Seal Present	<input type="checkbox"/>	<input type="checkbox"/>
Signature:  Date: 6/20/17		Sampled By: J.T. PAYNE	Ground	<input type="checkbox"/>	Sediment	<input type="checkbox"/>	Potable	<input type="checkbox"/>	Soil	<input checked="" type="checkbox"/>	Regulatory	<input type="checkbox"/>	5. IR number	I	
I hereby authorize ASSET Labs to perform the tests indicated below:		NPDES	<input type="checkbox"/>	Other Solid	<input type="checkbox"/>	Surface	<input type="checkbox"/>	Specify State:				6. Method of Cooling	<input type="checkbox"/>	LE	
Project Name: SILVER Peak Soil		Signature:  Date: 6/20/17					Sample Temp:				4.6 °C				
Project Number: BRN042										Courier:					
Item No.	Laboratory Work Order No.	Sample ID/Location		Date	Time	Water	Solid	Others	Turn Around Time	No. of container	Container Type	Tracking No.			
1	N024682 - 11	SS-11		6/20/17	9:45		X	X X X X							
2	- 12	DISPENSER-1			8:50		X								
3	- 13	DISPENSER-2			9:00		X								
4															
5															
6															
7															
8															
9															
10															
Reinquished by (Signature and Printed Name):  Date / Time 6/21/17 11:44			Received by (Signature and Printed Name): FEW Mina Date / Time 6/21/17 11:44			Turn Around Time (TAT)			Special Instruction:						
Reinquished by (Signature and Printed Name):			Received by (Signature and Printed Name):			<input type="checkbox"/> A < 24 Hrs or Same Day TAT <input type="checkbox"/> B = Next Workday <input type="checkbox"/> C = 2 Workdays <input type="checkbox"/> D = 3 Workdays <input checked="" type="checkbox"/> E = Routine 5-7 Workdays <small>TAT Starts at 8 AM the following day if samples received after 3:00 PM.</small>									
Reinquished by (Signature and Printed Name):			Received by (Signature and Printed Name):												
Reinquished by (Signature and Printed Name):			Received by (Signature and Printed Name):												
Terms 1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report. 2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20% 3. Custom EDD formats will be an additional 3% of the total project price. 5. Trip Blanks and Equipment Blanks are billable sample. 6. ASSET Laboratories is not responsible for samples collected using incorrect methodology. 7. Terms are net 30 Days. 8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed. 9. For customer specific analysis, TAT and Turnaround will vary.															
Preservatives: H = HCl N = HNO ₃ S = H ₂ SO ₄ C = 4°C T = Tube V = VOA P = Pint Z = Zn(AC) ₂ O = NaOH T = Na ₂ SO ₃ J = Jar B = Tedlar G = Glass															

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/21/2017 Workorder: N024682
Rep sample Temp (Deg C): 4.6 IR Gun ID: 1
Temp Blank: Yes No
Carrier name: Walk-In
Last 4 digits of Tracking No.: NA Packing Material Used: Bubble Wrap
Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
2. Custody seals intact, signed, dated on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
3. Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
4. Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
5. Sampler's name present in COC?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
6. Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
7. Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
8. Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
9. Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
10. Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
11. All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
13. Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
15. Did the bottle labels indicate correct preservatives used?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
16. Were there Non-Conformance issues at login? Was Client notified?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	

Comments:

Checklist Completed By: FR YD 6/27/2017

Reviewed By: MBC 6/27/2017

ASSET Laboratories

WORK ORDER Summary

03-Jul-17

WorkOrder: N024682

Client ID: MCGAS01

Project: Silver Peak Soil, BRN042

QC Level: RTNE

Date Received: 6/21/2017

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N024682-001A	SS-01	6/20/2017 7:10:00 AM	6/28/2017	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-001B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-002A	SS-02	6/20/2017 7:25:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-002B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-003A	SS-03	6/20/2017 7:35:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS

ASSET Laboratories

WORK ORDER Summary

03-Jul-17

WorkOrder: N024682

Client ID: MCGAS01

Project: Silver Peak Soil, BRN042

QC Level: RTNE

Date Received: 6/21/2017

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N024682-003B	SS-03	6/20/2017 7:35:00 AM	6/28/2017	Soil	EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-004A	SS-04	6/20/2017 7:50:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-004B			6/28/2017		EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-005A	SS-05	6/20/2017 8:00:00 AM	6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

03-Jul-17

WorkOrder: N024682

Client ID: MCGAS01

Project: Silver Peak Soil, BRN042

QC Level: RTNE

Date Received: 6/21/2017

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N024682-005B	SS-05	6/20/2017 8:00:00 AM	6/28/2017	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-006A	SS-06	6/20/2017 8:20:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-006B		6/28/2017			EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-007A	SS-07	6/20/2017 8:30:00 AM	6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
					EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-007B		6/28/2017			EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
					EPA 8270CSIM	SEMIVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

03-Jul-17

WorkOrder: N024682

Client ID: MCGAS01

Project: Silver Peak Soil, BRN042

QC Level: RTNE

Date Received: 6/21/2017

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N024682-007B	SS-07	6/20/2017 8:30:00 AM	6/28/2017	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-008A	SS-08	6/20/2017 9:20:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-008B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMICVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-009A	SS-09	6/20/2017 9:30:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-009B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMICVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-010A	SS-10	6/20/2017 9:35:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS

ASSET Laboratories

WORK ORDER Summary

03-Jul-17

WorkOrder: N024682

Client ID: MCGAS01

Project: Silver Peak Soil, BRN042

QC Level: RTNE

Date Received: 6/21/2017

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N024682-010A	SS-10	6/20/2017 9:35:00 AM	6/28/2017	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-010B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMICVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-011A	SS-11	6/20/2017 9:45:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-011B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMICVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-012A	DISPENSER-1	6/20/2017 8:50:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-012B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS

ASSET Laboratories

WORK ORDER Summary

03-Jul-17

WorkOrder: N024682

Client ID: MCGAS01

Project: Silver Peak Soil, BRN042

QC Level: RTNE

Date Received: 6/21/2017

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N024682-012B	DISPENSER-1	6/20/2017 8:50:00 AM	6/28/2017	Soil	EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMICVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-013A	DISPENSER-2	6/20/2017 9:00:00 AM	6/28/2017		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
			6/28/2017		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VS
N024682-013B			6/28/2017		EPA 3050B	SOPREP TOTAL METALS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3546	Microwave Extraction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 6010B	TOTAL METALS BY ICP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 8270CSIM	SEMICVOLATILE ORGANIC COMPOUNDS BY GC/MS-SIM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
			6/28/2017		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WS
N024682-014A	FOLDER	6/28/2017	6/28/2017	Folder	Folder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/28/2017		QA Review		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB
			6/28/2017	Folder	Folder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	LAB

Yoandra Rodriguez

From: Brett Bottenberg [bbottenberg@mcgin.com]
Sent: Thursday, June 22, 2017 8:26 AM
To: Yoandra Rodriguez
Cc: Quennie Manimtim; Fernando Rivera; Sonny. Lorenzo; Andreefe. Gallardo
Subject: Re: Silver Pear Soil, BRN042 (Asset Labs No. N024682)

Hi Yoandra,

Yes, the metals are lead, cadmium, and chromium

Thank you,
Brett

Brett Bottenberg, CEM
Operations Manager - Las Vegas Office
D 702.260.4961 ext. 201
C 702.232.5247
E bbottenberg@mcgin.com

McGinley & Associates, Inc.
1915 N. Green Valley Parkway, Suite 200
Henderson, NV 89074

On Wed, Jun 21, 2017 at 4:16 PM, Yoandra Rodriguez <yoandra@assetlaboratories.com> wrote:

- > Hello Brett,
- >
- > Please kindly confirm Metal request for the attached COC.
- >
- > Lead, Cadmium and Chromium?
- >
- > Thanks,
- >
- > Yoandra Rodriguez
- > Sample Control Officer
- > California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 I P:
- > [562.219.7435](tel:562.219.7435) I F: [562.219.7436](tel:562.219.7436)
- > Nevada: 3151 W. Post Road, Las Vegas, NV 89118 I P: [702.307.2659](tel:702.307.2659) Ext.
- > 411 I F: [702.307.2691](tel:702.307.2691) I
- > www.assetlaboratories.com
- >
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- >
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Subject: Re: Silver Pear Soil, BRN042 (Asset Labs No. N024682)
From: Brett Bottenberg <bbottenberg@mcgin.com>
Date: 07/03/17 7:32 AM
To: Reports ASSET Laboratories <reports.lv@assetlaboratories.com>
CC: "Marlon B. Cartin" <marlon@assetlaboratories.com>

Fern,

Can you please change the project to "Silver Peak" from Silver Pear? Please do this for all reports and invoices and please make sure the date stays the same.

Thank you,
Brett

Brett Bottenberg, CEM
Operations Manager - Las Vegas Office
D 702.260.4961 ext. 201
C 702.232.5247
E bbottenberg@mcgin.com

McGinley & Associates, Inc.
1915 N. Green Valley Parkway, Suite 200
Henderson, NV 89074

On Fri, Jun 30, 2017 at 10:37 PM, Reports ASSET Laboratories <reports.lv@assetlaboratories.com> wrote:

Enclosed is the final report for the above project.

Thanks,

Fern Rivera

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: [702.307.2659](tel:702.307.2659) | F: [702.307.2691](tel:702.307.2691) |

California: 11110 Artesia Blvd., Ste. C, Cerritos, CA 90703 | P: [562.219.7435](tel:562.219.7435) | F: [562.219.7436](tel:562.219.7436)

www.assetlaboratories.com



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APPENDIX B

NDEP Complaint/Spill Report

NDEP # 170811-03

Report Date: 8/11/2017 Report Time: 1535
Incident Date: 8/11/2017 Incident Time: 1500

Do You Want to Remain Anonymous?

Reporting Person: Brett Bottenberg

Reporting Agency: McGinley & Associates

Address: 815 Maestro Drive Phone: (775) 829-2245 Ext: _____

City: Reno State: NV Zip: 89511 Zip+4: 2384

Discharger/Owner/Operator of Facility: Tracy Bilyew

Address: 113 Mohawk Lane DOT#: _____

City: Silver Peak State: NV Zip: 89047 Zip+4: _____

Contact Person: Brett Bottenberg - McGin & Assoc. 702-260-4 Phone: (775) 301-7028 Ext: _____

APN#: _____ UST Facility ID / BWPC Permit #: _____

Location of Complaint/Spill: AST's fronting Main Street, soil affected.

Facility Address if different from discharger: Main St. & Mohawk Lane

City: Silver Peak State: NV County: Esmeralda

Township: _____ Range: _____ Section: _____ Q,Q2: _____ Mile Marker: _____

Type of Material Discovered: TPH

Concentration/Analytical Data: TPHe = 240 mg/kg max

Quantity Found: More than 3 cubic yards Container: AST

Media Affected: Soil If UST, Confirmed Visually? _____

Cause of Complaint/Spill:

Former gas station AST system leaked over time. This is a Brownfields project. Analytical results of previous sampling (received today) used to determine that more than 3 cubic yards of soil has been affected.

Remedial Action Taken:

None yet.

Oversight/Enforcement: Email Address:

NDEP BCA Remediation/Mobile Source North Scott Smal ssmale@ndep.nv.gov; lpeterso@ndep.nv.gov; tcro

cc: County Esmeralda, Ed Rannells Fax: (775) 485-3457 ecrd@frontiernet.net

cc: LEPC Esmeralda County Ken Elgan Fax: (775) 572-3005 ecso@frontiernet.net

cc: _____ _____

Comments:

Report Taken By: Hal Dawson



Complaint/Spill Report Form

State of Nevada

Telephone: (888) 331-6337

Fax: (775) 687-8335