



REPORT OF FIELD ACTIVITIES

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Former Ranch House Café & Casino 956 6th Street, Wells, Nevada 89835 and Vacant 7-Acre Parcel Wells, Nevada 89835 Nevada Brownfields Program Task MA-03-14

Prepared on behalf of:

*City of Wells
525 6th Street
Wells, Nevada 89835*

Prepared for:

*Nevada Division of Environmental Protection
Nevada Brownfields Program
901 South Stewart Street, Suite 4001
Carson City, Nevada 89701*

- | Site Remediation
- | Soil & Groundwater Investigations
- | Closure Optimization
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- | Permitting & Compliance
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- | Storm Water & Spill Plans
- | Underground Tank Services
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- | Groundwater Modeling
- | Litigation Support & Expert Witness

April 4, 2014

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1. INTRODUCTION

McGinley and Associates, Inc. (MGA) has prepared this report describing activities conducted to locate and remove underground storage tanks (UST) at two adjacent sites located in Wells, Nevada. The UST locate activities discussed herein were conducted for the City of Wells in conjunction with the Nevada Division of Environmental Protection (NDEP) Brownfields program. The two sites are known as the “Ranch House Café & Casino” and the “7-Acre Parcel”. The sites are located adjacent to each other with 6th Street crossing between them. Their locations are indicated in Figure 1.

2. OBJECTIVES

The objectives of the field activities discussed in this report were to locate and remove potential USTs thought to be formerly utilized at the Ranch House Café and Casino and the undeveloped 7-Acre parcel located across 6th Street to the east. Information reviewed during previous Phase I ESAs of both properties appeared to indicate that a heating oil UST was potentially located proximal to the Ranch House building. In addition, the reviewed information and site visit observations appeared to indicate a former gasoline dispenser island was previously located on the 7-Acre parcel. Based on this information, ground penetrating radar (GPR) was previously utilized at both sites to assess for these potential UST locations (MGA, 2013). The GPR study detected two anomalies, one on each site, that were consistent with typical UST anomalies. The locations were marked with paint and/or staked and are shown on Figure 2.

3. SCOPE OF WORK

In accordance with our work plan and proposal dated October 1, 2013 as approved by the NDEP, the scope of work conducted included the following:

- Site mobilization by qualified contractors and MGA personnel;
- Excavation of soil to locate and remove potential USTs;
- Excavation and removal of conveyance piping on the 7-Acre parcel;
- Excavation and removal of former fuel island debris located on the 7-Acre parcel;
- Use of a petroflag kit to screen for petroleum contaminated soils within the piping and fuel island excavations;
- Excavation of potentially impacted soils as indicated by petroflag analysis;
- Collection of ten confirmation soil samples at the extent of the excavations;
- Collection of one composite sample from the excavated soil stockpile;
- Delivery of collected soil samples to Alpha Analytical for analysis;
- Analytical testing of collected soil samples for Total Petroleum Hydrocarbons (TPH) purgeable;
- Transportation of a portion of the excavated soil to the City of Elko Landfill in Elko, Nevada;
- Backfilling the excavation with localized overburden soils and excavated soil;
- Surface restoration of the site; and

- Preparation of this report.

Each of these activities is discussed in the following sections.

4. UST/PRODUCT CONVEYANCE PIPING LOCATION ACTIVITIES

4.1 Site Mobilization

On January 22, 2014, MGA personnel, selected qualified contractors, and others mobilized to the subject site. Per Davis-Bacon requirements, prevailing wage and employment posters were attached to the outside wall of the Ranch House Café and Casino as well as on a sign posted at the 7-Acre parcel. At the commencement of the project the following entities and their representatives were present to participate in a project coordination meeting:

- LA Perks (UST Contractor)
- MGA: George Hagan
- Navco Construction (Excavation Contractor)
- Wells Rural Electric personnel
- Wells Public Works personnel

4.2 Ranch House Café & Casino

On January 23, 2014 excavations were advanced within the GPR markings which indicated the location of the potential UST. The excavations were advanced to approximately seven feet in depth. No indications of a UST or other metallic objects were encountered which would serve as a GPR anomaly. As no UST was located, the excavated soil was used to backfill the excavation and the surface of the backfill was restored. Photos of the excavation are provided in Appendix A.

4.3 7-Acre Parcel

On January 23, 2014, excavations were advanced at the location proximal to a former gasoline fuel island which was previously identified by the GPR survey to be a subsurface anomaly. During the initial excavations, what appeared to be two product conveyance piping runs were encountered. The excavations were continued along both product conveyance piping runs which were located to the east and west of the gasoline fuel island. Both sets of pipe terminated without attachment to a UST. It appears that they may have been attached to an above ground storage tank (AST) in the past as the pipe runs terminated with a 90-degree elbow pointing upward towards the ground surface. The approximate limit of the piping excavation is shown on Figure 2.

The former product conveyance piping was removed from the excavation utilizing backhoe equipment. Approximately 135 feet of piping was excavated east of the former gasoline dispenser island. In addition, approximately 35 feet of piping was removed west of the former island. All removed piping was transported to Navco Construction's yard for disposal/recycling. A copy of the recycling affidavit is provided in Appendix B.

Soil within these trenches and below the former gasoline dispenser island was observed to have what was thought to be a slight odor of weathered gasoline. A petroflag kit was utilized to identify soils potentially impacted with gasoline. The petroflag analysis confirmed that there were petroleum-impacted soils beneath the former fuel island and within the piping trenches. Excavation of potentially impacted soils continued along the piping trench until the

petroflag analysis indicated impacted soils no longer existed. Soils were excavated to an approximate depth of three feet within the piping trench. In addition, two test trenches were advanced approximately 15 feet north and east of the former gasoline dispenser island to further assess for USTs in the vicinity. No USTs (evidence of their past existence) were located.

4.4 Observations Made During Excavations

During excavation activities, the following were observed:

- No UST was located at the Ranch House Café and Casino property;
- No UST was located proximal to the former gasoline dispenser island previously found on the 7-Acre parcel;
- Former conveyance piping was located during excavation activities on the 7-Acre parcel;
- The piping extended approximately 135 feet to the east and 35 feet to the west;
- The piping was not attached to a UST and appeared to terminate just below ground surface and facing upward as if the piping was previously attached to an AST system; and
- Soils from the excavation of the piping runs and beneath the former gasoline dispenser island were observed to have a slight odor of weathered gasoline;

5. ASSESSMENT ACTIVITIES

5.1 Soil Sample Collection

5.1.1 Ranch House Café & Casino

Because no UST was encountered at the former Ranch House Café & Casino property, no soil samples were collected from that location.

5.1.2 7-Acre Parcel

Following the excavation of product conveyance piping and soil on the 7-Acre Parcel property, MGA personnel collected ten soil samples from the bottom of the piping excavations and one soil sample from the excavated soil pile. The approximate location of the soil samples are shown in Figure 4. The soil samples were placed in laboratory-provided glass jars with Teflon lids, sealed, labeled, and preserved on ice in a cooler pending delivery to the laboratory. All collected samples were analyzed by a State of Nevada certified laboratory for total petroleum hydrocarbons by EPA Method 8015 modified for petroleum hydrocarbons in the purgeable range (TPH-P).

5.2 Analytical Testing

Collected soil samples were delivered under chain-of-custody protocol to Alpha Analytical Laboratories (Alpha) of Sparks, Nevada for analytical testing. Collected samples were analyzed for TPH-P by EPA Method 8015 modified for petroleum hydrocarbons. Copies of the chain of custody records for the soil samples are provided in Appendix C.

5.3 Analytical Results

The analytical results for the TPH-P soil samples are summarized in Table 1 and Figure 4. No detectable TPH-P concentrations were reported in the soil samples collected from the

bottom of the piping excavation or within the sample collected from the excavated stockpile. Copies of the analytical reports for the soil samples are provided in Appendix C.

Table 1. Summary of Analytical Results

SAMPLE ID	DATE	LOCATION	DEPTH (fbgs)	TPH-P (mg/Kg)
LVBRN022-WT-SS1@3Ft	1/23/14	West Trench	3	< 10
LVBRN022-WT-SS2@3Ft	1/23/14	West Trench	3	< 10
LVBRN022-WT-SS3@3Ft	1/23/14	West Trench	3	< 10
LVBRN022-FI-WB@8Ft	1/24/14	West End Gasoline Fuel Island	8	< 10
LVBRN022-FI-EB@8Ft	1/24/14	East End Gasoline Fuel Island	8	< 10
LVBRN022-ET-SS1@3Ft	1/24/14	East Trench	3	< 10
LVBRN022-ET-SS2@3Ft	1/24/14	East Trench	3	< 10
LVBRN022-ET-SS3@3Ft	1/24/14	East Trench	3	< 10
LVBRN022-ET-SS4@3Ft	1/24/14	East Trench	3	< 10
LVBRN022-ET-SS5@3Ft	1/24/14	East Trench	3	< 10
LVBRN022-Stockpile	1/24/14	Stockpile	-	< 10

WT	West Trench
ET	East Trench
FI	Fuel Island
SS	Soil Sample
TPH-P	Total Petroleum Hydrocarbons – purgeable range
fbgs	feet below ground surface
mg/Kg	milligrams per kilogram

5.4 Soil Disposal

The remaining excavated soil, not utilized for backfill or surface restoration of the excavations, was transported to the City of Elko Landfill for disposal. Approximately nine tons of soil was transported to landfill. The bill of lading for the soil is provided in Appendix D.

6. CONCLUSIONS AND RECOMMENDATIONS

Excavations did not reveal USTs on the Ranch House Café and Casino property or the 7-Acre parcel property. The cause of the anomalies reported by the GPR contractor is unknown. It appears that no USTs are located in the vicinity of those reported anomalies.

In addition, former conveyance piping located proximal to the former gasoline dispenser island was located and removed. The formation of the piping indicated that the dispensers and their associated conveyance piping may have been connected to an AST system in the past.

Soil samples collected at the bottom of the piping excavations indicated that no TPH-P (gasoline range) concentrations were found during analytical testing. Therefore, it appears that potential petroleum product impacts that may have occurred at the dispenser fuel island are not extensive. Therefore, no further assessments or investigations into the existence of the UST systems on the subject properties appear to be warranted at this time.

7. LIMITATIONS

The conclusions presented herein are partially based on information provided by MGA. 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 hydrogeology may occur as a result of rainfall, snowmelt, water usage, 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 available to MGA at the time of writing this report may result in a modification to the conclusions and recommendations contained herein.

The presentation of data presented herein is intended for the purpose of the visualization of environmental conditions. A greater degree of spatial and temporal data density may result in a more accurate representation of environmental conditions. Although such data visualization techniques may aid in providing a conceptual understanding of environmental conditions, such presentations are not intended to completely depict environmental conditions.

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.

8. CLOSING

MGA and the City of Wells trust the information provided satisfies the requirements of the NDEP at this time. Should you have any questions please contact the undersigned at (702) 260-4961.

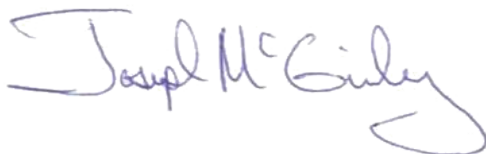
Respectfully submitted,
McGinley and Associates, Inc.

I, Brett Bottenberg, 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.



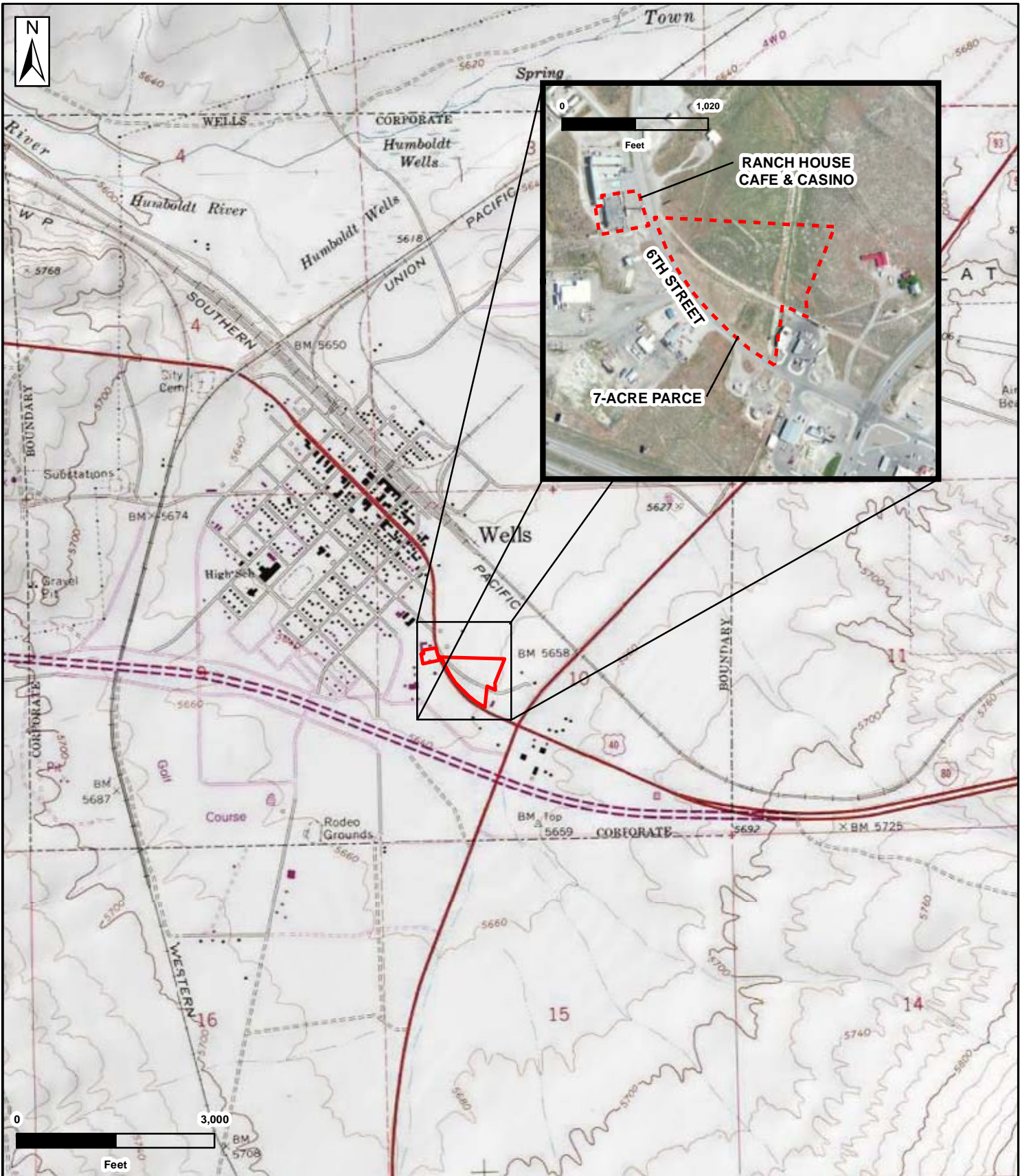
Brett Bottenberg, C.E.M # 1690, Exp. 10/7/2015
Senior Project Manager

Reviewed by:



Joseph McGinley, P.E., C.E.M.
Principal

cc: Ms. Jolene Supp, City of Wells



REVISIONS	NO.	BY	DATE
	▲		
	▲		
	▲		
	▲		
▲	DESIGNED	BB	
	DRAWN	TAD	
JOB NO.:	CHECKED	TJ	
LVBRN022	APPROVED	TJ	

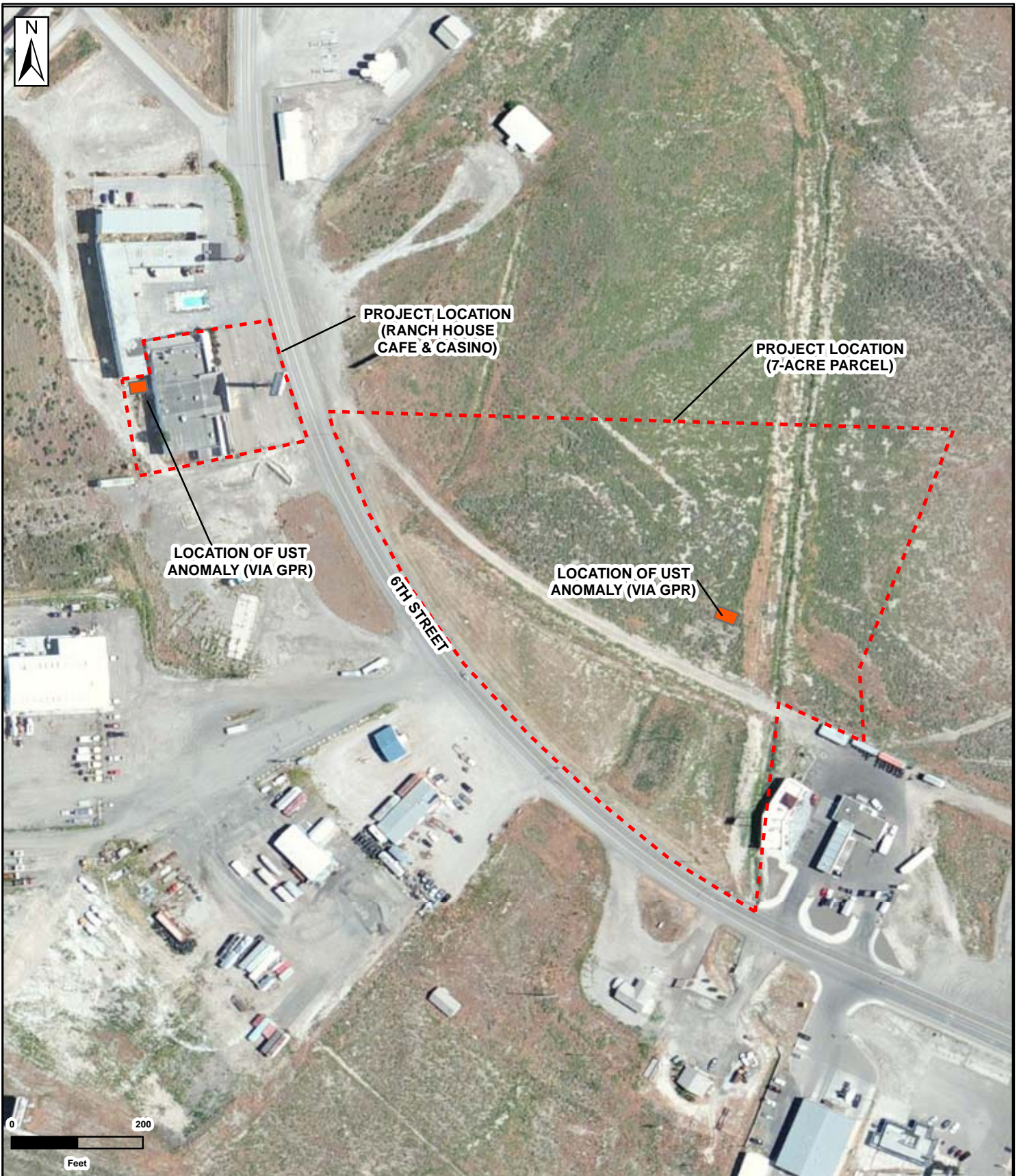
FIGURE 1

PROJECT LOCATION MAP
-SHOWING-
RANCH HOUSE CAFE & CASINO
7-ACRE PARCEL
CITY OF WELLS, NEVADA



McGinley & Associates
Environmental Engineering and Science
RENO | LAS VEGAS | www.mcgila.com

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N



NO.	BY	DATE
DESIGNED	BB	
DRAWN	TAD	
CHECKED	BB	
APPROVED	BB	

REVISIONS

JOB NO.: LVBRN022

FIGURE 2

SITE MAP
-SHOWING-
RANCH HOUSE CAFE & CASINO
7-ACRE PARCEL
CITY OF WELLS, NEVADA

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Environmental Engineering and Science
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COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N



REVISIONS	NO.	BY	DATE
JOB NO.:			
LVBRN022			
	DESIGNED	BB	
	DRAWN	TAD	
	CHECKED	BB	
	APPROVED	BB	

FIGURE 3

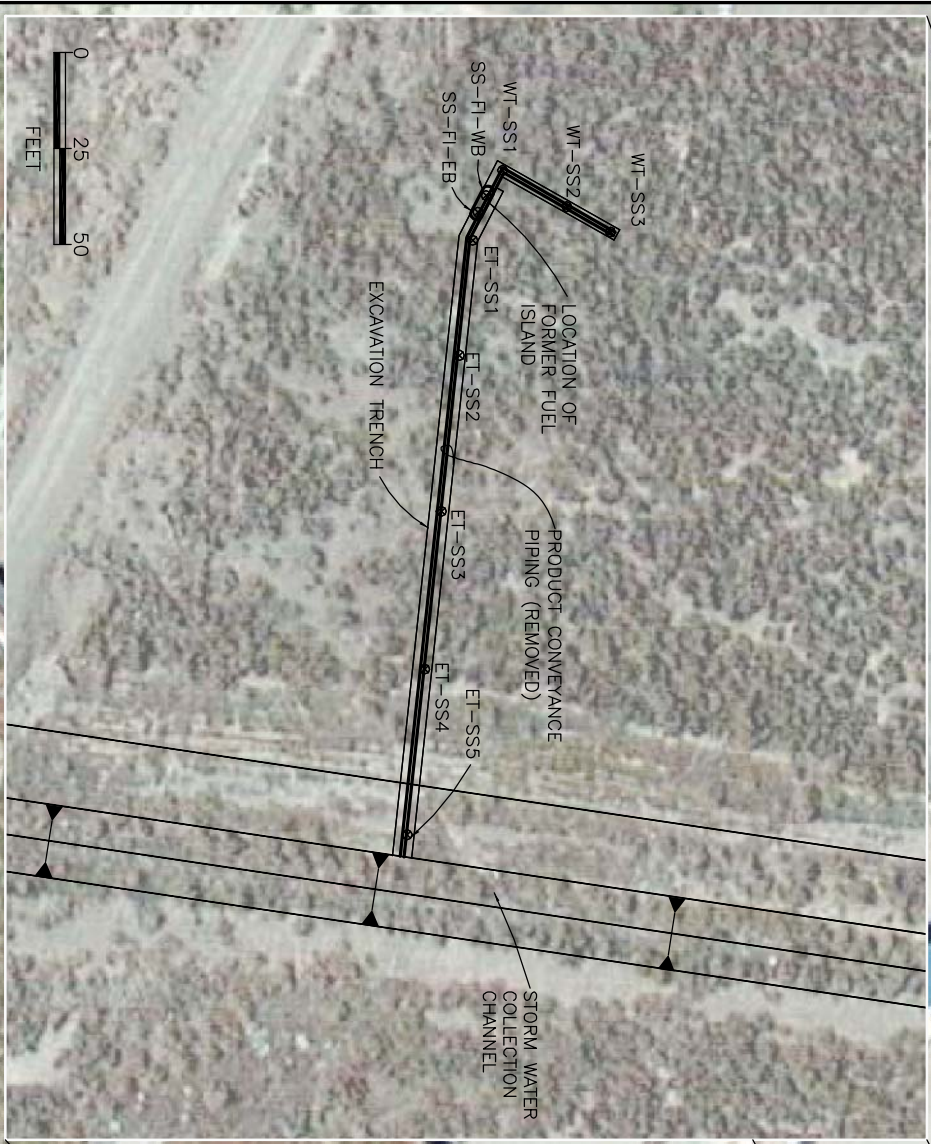
RANCH HOUSE CAFE & CASINO
 -SHOWING-
SEARCH LOCATION
WELLS, NEVADA



McGinley & Associates
 Environmental Engineering and Science
 RENO | LAS VEGAS | www.mcgin.com

COORDINATE SYSTEM:
NAD 1983 UTM Zone 11N

LOCATION	SAMPLE ID	DEPTH (ft)	TPH-P (mg/Kg)
ET-SS1	LVBRN022-ET-SS1-@3FT	3	<10
ET-SS2	LVBRN022-ET-SS2-@3FT	3	<10
ET-SS3	LVBRN022-ET-SS3-@3FT	3	<10
ET-SS4	LVBRN022-ET-SS4-@3FT	3	<10
ET-SS5	LVBRN022-ET-SS5-@3FT	3	<10
SS-FI-WB	LVBRN022-FI-WB@8FT	8	<10
SS-FI-EB	LVBRN022-FI-EB@8FT	8	<10
WT-SS1	LVBRN022-WT-SS1-@3FT	3	<10
WT-SS2	LVBRN022-WT-SS1-@3FT	3	<10
WT-SS3	LVBRN022-WT-SS1-@3FT	3	<10



0 50 100
FEET

REVISIONS		NO.	DESCRIPTION	BY	DATE
<input checked="" type="checkbox"/>					
<input checked="" type="checkbox"/>					
<input checked="" type="checkbox"/>					
<input checked="" type="checkbox"/>					

REFERENCE		DESIGNED	BY	DATE
<input checked="" type="checkbox"/>	DRAWN	BB		1/23/14
<input checked="" type="checkbox"/>	CHECKED	TAD		

FIGURE 4
7-ACRE PARCEL
 -SHOWING-
UST SEARCH LOCATION AND PRODUCT CONVEYANCE PIPING EXCAVATIONS WELLS, NEVADA

McGinley & Associates
 Environmental Engineering and Science
 RENO | LAS VEGAS | www.mginley.com
 COORDINATE SYSTEM

APPENDIX A

Photographs



UST search via excavation – Ranch House Café & Casino



View of excavation



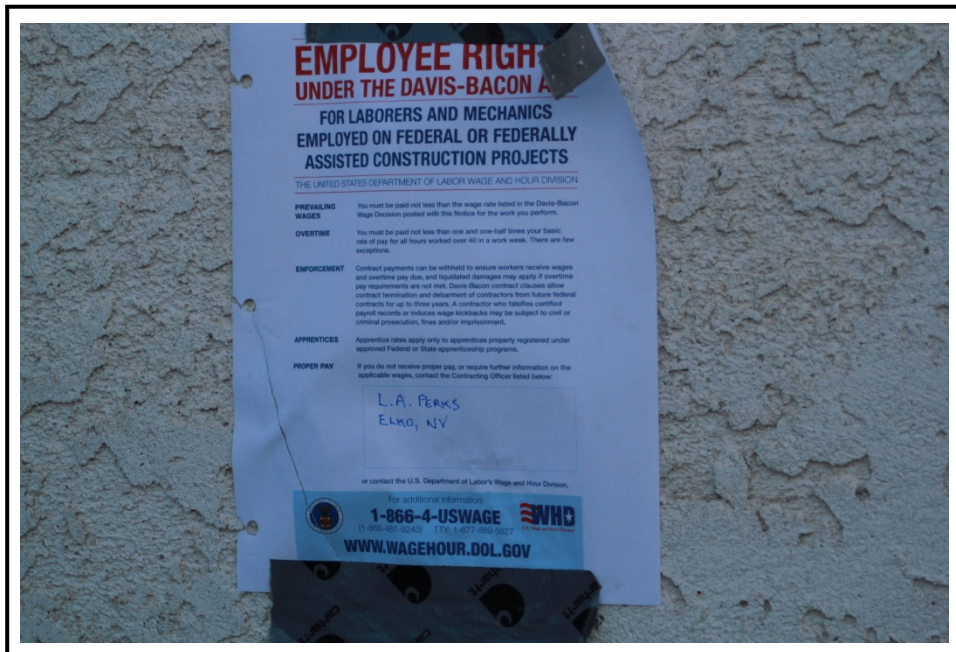
View of excavation



Surface restoration after excavation



Davis-Bacon posting at Ranch House work area



Close-up of Davis-Bacon posting



View of UST search location – 7 Acre Parcel



View of excavation with conveyance piping



View of conveyance piping – 7 Acre Parcel



View of excavation location – 7 Acre Parcel



View of excavation at UST search location – 7 Acre Parcel



View of surface restoration of excavated areas – 7 Acre Parcel



View of Davis-Bacon posting at work site – 7 Acre Parcel

APPENDIX B

Certificate of Recycling for Piping

Navco Construction
1540 Navco Lane
P.O. Box 869
Wells, Nevada 89835

Phone: (775)752-3267

Fax: (775)752-2138

March 27, 2014

Dear Cody,

The piping from the Wells UST pull was taken to Navco Construction's yard for disposal.

Sincerely,

A handwritten signature in cursive script that reads "Jim Naveran".

Jim Naveran
Navco Construction

APPENDIX C

Chain of Custody Records and Analytical Reports for Soil Samples



Alpha Analytical, Inc.

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

ANALYTICAL REPORT

McGinley & Associates, Inc.
815 Maestro Drive
Reno, NV 89511

Attn: Brett Bottenberg
Phone: (702) 260-4961
Fax:
Date Received : 01/24/14

Job: LVBRN022/C.O.W. 7-Acre Parcel

Total Petroleum Hydrocarbons - Purgeable (TPH-P) EPA Method SW8015B / SW8260B

Parameter	Concentration	Reporting Limit	Date Extracted	Date Analyzed
Client ID : LVBRN022-WT-SS1@3FT Lab ID : MGA14012428-01A TPH-P (GRO) Date Sampled 01/23/14 15:48	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-WT-SS2@3FT Lab ID : MGA14012428-02A TPH-P (GRO) Date Sampled 01/23/14 15:51	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-WT-SS3@3FT Lab ID : MGA14012428-03A TPH-P (GRO) Date Sampled 01/23/14 15:54	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-FI-WB@8FT Lab ID : MGA14012428-04A TPH-P (GRO) Date Sampled 01/24/14 09:16	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-FI-EB@8FT Lab ID : MGA14012428-05A TPH-P (GRO) Date Sampled 01/24/14 09:18	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-ET-SS1@3FT Lab ID : MGA14012428-06A TPH-P (GRO) Date Sampled 01/24/14 09:20	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-ET-SS2@3FT Lab ID : MGA14012428-07A TPH-P (GRO) Date Sampled 01/24/14 09:22	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-ET-SS3@3FT Lab ID : MGA14012428-08A TPH-P (GRO) Date Sampled 01/24/14 09:24	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-ET-SS4@3FT Lab ID : MGA14012428-09A TPH-P (GRO) Date Sampled 01/24/14 09:26	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-ET-SS5@3FT Lab ID : MGA14012428-10A TPH-P (GRO) Date Sampled 01/24/14 09:30	ND	10 mg/Kg	01/27/14	01/29/14
Client ID : LVBRN022-STOCKPILE Lab ID : MGA14012428-11A TPH-P (GRO) Date Sampled 01/24/14 10:06	ND	10 mg/Kg	01/27/14	01/29/14



Alpha Analytical, Inc.

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

Gasoline Range Organics (GRO) C4-C13

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



Roger Scholl *Randy Gardner* *Walter Hinchman*

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

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

Statement of Data Authenticity : Alpha Analytical, Inc. attests that the data reported has not been altered in any way.

Alpha Analytical, Inc. currently holds appropriate and available NDEP certifications for the data reported - certification #NV00016.



pg

1/31/14

Report Date



Alpha Analytical, Inc.

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

Date:
31-Jan-14

QC Summary Report

Work Order:
14012428

Method Blank

Type **MBLK** Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14012906.D

Batch ID: MS08S2345B

Analysis Date: 01/29/2014 13:47

Sample ID: MBLK MS08S2345B

Units : mg/Kg

Run ID: MSD_08_140129A

Prep Date: 01/29/2014 13:47

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	ND	10								
Surr: 1,2-Dichloroethane-d4	0.187		0.2		93	70	130			
Surr: Toluene-d8	0.234		0.2		117	70	130			
Surr: 4-Bromofluorobenzene	0.191		0.2		96	70	130			

Laboratory Control Spike

Type **LCS** Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14012911.D

Batch ID: MS08S2345B

Analysis Date: 01/29/2014 15:49

Sample ID: GLCS MS08S2345B

Units : mg/Kg

Run ID: MSD_08_140129A

Prep Date: 01/29/2014 15:49

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	13.3	2	16		83	63	149			
Surr: 1,2-Dichloroethane-d4	0.343		0.4		86	70	130			
Surr: Toluene-d8	0.388		0.4		97	70	130			
Surr: 4-Bromofluorobenzene	0.44		0.4		110	70	130			

Sample Matrix Spike

Type **MS** Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14012912.D

Batch ID: MS08S2345B

Analysis Date: 01/29/2014 16:13

Sample ID: 14012428-01AGS

Units : mg/Kg

Run ID: MSD_08_140129A

Prep Date: 01/29/2014 16:13

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	13.4	2	16	0	84	36	164			
Surr: 1,2-Dichloroethane-d4	0.348		0.4		87	70	130			
Surr: Toluene-d8	0.383		0.4		96	70	130			
Surr: 4-Bromofluorobenzene	0.447		0.4		112	70	130			

Sample Matrix Spike Duplicate

Type **MSD** Test Code: EPA Method SW8015B/C / SW8260B

File ID: 14012913.D

Batch ID: MS08S2345B

Analysis Date: 01/29/2014 16:38

Sample ID: 14012428-01AGSD

Units : mg/Kg

Run ID: MSD_08_140129A

Prep Date: 01/29/2014 16:38

Analyte	Result	PQL	SpkVal	SpkRefVal	%REC	LCL(ME)	UCL(ME)	RPDRefVal	%RPD(Limit)	Qual
TPH-P (GRO)	14.8	2	16	0	93	36	164	13.4	10.2(40)	
Surr: 1,2-Dichloroethane-d4	0.346		0.4		86	70	130			
Surr: Toluene-d8	0.389		0.4		97	70	130			
Surr: 4-Bromofluorobenzene	0.452		0.4		113	70	130			

Comments:

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

CHAIN-OF-CUSTODY RECORD

NV

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

WorkOrder : MGA14012428
Report Due By : 5:00 PM On : 31-Jan-14

Client:

McGinley & Associates, Inc.
 815 Maestro Drive
 Reno, NV 89511

Report Attention **Phone Number** **Email Address**

Bret Bottenberg (702) 260-4961 x bbotenberg@mcgin.com
 George Hagan (775) 829-2245 x ghagan@mcgin.com
 Tim Dory (775) 829-2245 x tdory@mcgin.com

EDD Required : Yes

Sampled by : George Hagan Jr

Client's COC # : 17756

Job : LVBRN022/C.O.W. 7-Acre Parcel

Cooler Temp 2 °C

24-Jan-14

Date Printed 24-Jan-14

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			TPHP's	Requested Tests	Sample Remarks
				Alpha	Sub	TAT			
MGA14012428-01A	LVBRN022-WT-SS1@3FT	SO	01/23/14 15:48	1	0	5	GAS-N		
MGA14012428-02A	LVBRN022-WT-SS2@3FT	SO	01/23/14 15:51	1	0	5	GAS-N		
MGA14012428-03A	LVBRN022-WT-SS3@3FT	SO	01/23/14 15:54	1	0	5	GAS-N		
MGA14012428-04A	LVBRN022-FI-WB@8FT	SO	01/24/14 09:16	1	0	5	GAS-N		
MGA14012428-05A	LVBRN022-FI-EB@8FT	SO	01/24/14 09:18	1	0	5	GAS-N		
MGA14012428-06A	LVBRN022-ET-SS1@3FT	SO	01/24/14 09:20	1	0	5	GAS-N		
MGA14012428-07A	LVBRN022-ET-SS2@3FT	SO	01/24/14 09:22	1	0	5	GAS-N		
MGA14012428-08A	LVBRN022-ET-SS3@3FT	SO	01/24/14 09:24	1	0	5	GAS-N		
MGA14012428-09A	LVBRN022-ET-SS4@3FT	SO	01/24/14 09:26	1	0	5	GAS-N		
MGA14012428-10A	LVBRN022-ET-SS5@3FT	SO	01/24/14 09:30	1	0	5	GAS-N		

Comments: Samples brought in by client. Frozen ice.

Signature

Print Name

Company

Date/Time

Logged in by: *K Murray*

K Murray

Alpha Analytical, Inc.

1/31/14 15:50

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

CHAIN-OF-CUSTODY RECORD

NV

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

WorkOrder : MGA14012428
Report Due By : 5:00 PM On : 31-Jan-14

Client:

McGinley & Associates, Inc.
 815 Maestro Drive
 Reno, NV 89511

Report Attention

Report Attention	Phone Number	Email Address
Brett Bottenberg	(702) 260-4961 x	bbotenberg@mcgin.com
George Hagan	(775) 829-2245 x	ghagan@mcgin.com
Tim Dory	(775) 829-2245 x	tdory@mcgin.com

EDD Required : Yes

Sampled by : George Hagan Jr

Cooler Temp

2 °C

Samples Received

24-Jan-14

Date Printed

24-Jan-14

Client's COC # : 17756

Job : LVBRN022/C.O.W. 7-Acre Parcel

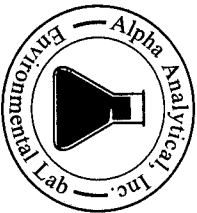
QC Level : S3 = Final Rpt, MBLK, LCS, MS/MSD With Surrogates

Alpha Sample ID	Client Sample ID	Collection Matrix Date	No. of Bottles			Requested Tests	Sample Remarks
			Alpha	Sub	TAT		
MGA14012428-11A	LVBRN022-STOCKPILE	SO 01/24/14 10:06	2	0	5	GAS-N	Composite @ lab

Comments: Samples brought in by client. Frozen ice. :

Signature	Print Name	Company	Date/Time
<i>K Murray</i>	<i>K Murray</i>	Alpha Analytical, Inc.	1/24/14 1550

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



Alpha Analytical, Inc.
 Main Laboratory: 255 Glendale Ave, Suite 21 Sparks, NV 89431
 Satellite Service Centers:
 Northern CA: 9991 Horn Road, Suite C, Rancho Cordova, CA 95827
 Southern CA: 1007 E. Dominguez St., Suite O, Carson, CA 90746
 Northern NV: 1250 Lamolite Hwy., #310, Elko, NV 89801
 Southern NV: 6255 McLeod Ave, Suite 24, Las Vegas, NV 89120

Phone: 775-355-1044
 Fax: 775-355-0406
 Phone: 916-366-9089
 Phone: 714-366-2901
 Phone: 775-368-7043
 Phone: 702-281-4848

177556

Page # 1 of 1

Company: MGA
 Address: _____
 City, State, Zip: _____
 Phone Number: _____
 Fax: _____

Job and Purchase Order Info:
 Job # LVRN022
 Job Name: C.O.W. 7-ACRIS
 P.O. #: _____
 Name: ARETT B. GEORGE H.
 Email Address: _____
 Phone #: _____
 Cell #: _____

Report Attention/Project Manager:
ARETT B. GEORGE H.

QC Deliverable Info:
 EDD Required? Yes / No
 Global ID: _____
 Date Validation Packages: III or IV
 EDF Required? Yes / No

Samples Collected from which State? (circle one) AR CA KS NV OR WA DOD Site Other

Time Sampled (HH:MM)	Date Sampled (MM/DD)	Matrix (See Key Below)	Lab ID Number (For Lab Use Only)	Sample Description	TAT	# Containers** (See Key Below)		Field Filtered?		Analysis Requested	Remarks
						Yes	No	Yes	No		
1543	03-14	SO	MGA14012428-01	LVRN022-WT-SS1 @ 3'	5	1-5		X			S - Delay TAT
1557				02 " 11-WT-SS2 @ 3'							
1554				03 " 11-WT-SS3 @ 3'							
0714	03-14			04 " 11-FI-WB @ 8'							
0918				05 " 11-FI-EB @ 8'							
0920				06 " 11-ET-SS1 @ 3'							
0922				07 " 11-ET-SS2 @ 3'							
0924				08 " 11-ET-SS3 @ 3'							
0926				09 " 11-ET-SS4 @ 3'							
0930				10 " 11-ET-SS5 @ 3'							
1012				11 " 11-Stack Pile	X						Comp on 5/5

ADDITIONAL INSTRUCTIONS:

I (field sampler) attest to the validity and authenticity of this sample(s). I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. NAC 445.0636 (c) (2).

Sampled By: George Horgan Jr Date: 11/24/14 Time: 530 Received by: _____ Date: _____ Time: _____

Relinquished by: George Horgan Jr Date: _____ Time: _____ Received by: Alpena Date: 11/24/14 Time: 530

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

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

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

APPENDIX D

Bill of Lading for Soil Disposal

CITY OF ELKO LANDFILL
SOLID WASTE DISPOSAL
2200 PINION ROAD
ELKO, NEVADA 89801

Transaction No.
571108

In: Date Time Scale
Out: 02/06/2014 09:39 1

** Manual Weight **

Vehicle ID: A P
Account ID: 666 Credit/Debit Transactions

Gross: 51740 lb (K)
Tare: 33380 lb (K)
Net: 18360 lb
Net Tons: 9.18 tn

Material ID: 7 CLEAN FILL (SAND/SOIL) Minimum Chrg \$/Ton Chrgs
1.00 1.00 9.18

Operator: DEBRA

Signature: _____

CUSTOMER COPY

CITY OF ELKO LANDFILL
2200 PINION RD
ELKO, NV. 89801
TERMINAL I.D.: 0017340008011633222000
MERCHANT #: 8011633272
VISA *
*****0203 *
SALE
RECORD #: 3 INU: 000003
DATE: FEB 06, 14 TIME: 05:19
BATCH: 269 AUTH: 006201
CVV2 RESPONSE: S
TOTAL \$9.18
I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO CARD ISSUER AGREEMENT
(MERCHANT AGREEMENT IF CREDIT VOUCHER)
CUSTOMER COPY