



OCD-ARTESIA

JAN 21 2009

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467 0607
Fax 806 467 0622

SITE CLOSURE WORK PLAN

AUSTIN
3003 Tom Gary Cove
Building C-100
Round Rock, Texas 78664
Phone 512 989 3428
Fax 512 989.3487

HARROUN 15 #15 WELL SITE EDDY COUNTY, NEW MEXICO

MIDLAND
2901 State Highway 349
Midland, Texas 79706
Phone 432 522 2133
Fax 432 522 2180

SAN ANTONIO
17170 Jordan Road
Suite 102
Selma, Texas 78154
Phone 210.579 0235
Fax 210.568 2191

TULSA
9906 East 43rd Street
Suite G
Tulsa, Oklahoma 74146
Phone 918 742.0871
Fax 918.742.0876

HOBBS
318 East Taylor Street
Hobbs, New Mexico 88241
Phone 505.393.4261
Fax 505.393.4658

PREPARED FOR:

TYLER
719 West Front Street
Suite 255
Tyler, Texas 75702
Phone 903.531.9971
Fax 903.531.9979

GLENN SPRINGS HOLDINGS, INC.
5005 LBJ FREEWAY, SUITE 1350
DALLAS, TEXAS 75244-6119

HOUSTON
3233 West 11th Street
Suite 400
Houston, Texas 77008
Phone 713.861.0081
Fax 713.868.3208

PREPARED BY:

TALON/LPE
921 N. BIVINS
AMARILLO, TEXAS 79107

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
EMERGENCY RESPONSE

JANUARY 20, 2009

Toll Free: 866.742.0742
www.talonlpe.com

SITE CLOSURE WORK PLAN

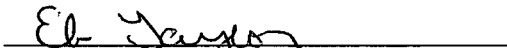
**HARROUN 15 #15 WELL SITE
EDDY COUNTY, NEW MEXICO**

PREPARED BY:

**TALON/LPE
921 N. BIVINS
AMARILLO, TEXAS 79107**



**J.T. Murrey
Senior Project Manager**



**Eb Taylor
Division Manager**

JANUARY 20, 2009

TABLE OF CONTENTS

1.0	OBJECTIVES	I
1.1	WORK PLAN OBJECTIVES	1
2.0	LIMITED SITE ASSESSMENT	2
2.1	FIELD ACTIVITIES.....	2
2.2	ANALYTICAL RESULTS	2
2.2.1	<i>Soil Samples</i>	<i>2</i>
2.2.2	<i>Groundwater Samples</i>	<i>3</i>
3.0	PROPOSED SITE CLOSURE ACTIVITIES.....	4
3.1	EXCAVATION AND OFF-SITE DISPOSAL	4
3.1.1	<i>Excavation Activities</i>	<i>4</i>
3.1.2	<i>Confirmation Sampling</i>	<i>4</i>
3.1.3	<i>Excavation Backfill.....</i>	<i>5</i>
4.0	FINAL REPORTING AND DOCUMENTATION	6

APPENDICES

Appendix A Figures

Figure 1 – Site Details with Aerial Photograph

Figure 2 – Site Details Map – Soil Boring and Temporary Well Locations

Appendix B Tables

Table 1 – Summary of Soil Analytical Data – Chlorides

Table 2 – Summary of Soil Analytical Data – BTEX and TPH

Table 3 – Summary of Water Analytical Data

Appendix C Sample Analytical Data Reports and Chain of Custody Documentation

1.0 OBJECTIVES

1.1 WORK PLAN OBJECTIVES

This Site Closure Work Plan (Work Plan) has been prepared for Glenn Springs Holdings, Inc. (Glenn Springs) to provide details of a limited site assessment (LSA) that was conducted in response to a produced water release and proposed site closure activities for affected soil located within the tank battery at the Oxy USA Inc. (Oxy) Harroun 15 #15 Well Site in Eddy County, New Mexico.

The objectives of the proposed site closure activities outlined within this Work Plan are to excavate and haul off petroleum hydrocarbon affected soil identified during the LSA. Details of the limited site assessment activities and proposed site closure activities are presented herein.

2.0 LIMITED SITE ASSESSMENT

Oxy conducted initial produced water release response activities by excavating visually affected soil. Test trenches were excavated and perched groundwater was observed at approximately 14 feet below ground surface (bgs). Due to the presence of the perched groundwater, Oxy requested a LSA be conducted prior to the excavation of any additional soil from the tank battery.

2.1 FIELD ACTIVITIES

A LSA was conducted to determine the degree and depth of impact (if any). The LSA consisted of the advancement of 13 soil borings around the tank battery. The soil borings ranged in depth from 14 feet bgs to 16 feet bgs. In addition, two (2) temporary monitoring wells were installed to determine groundwater concentrations. The wells were constructed of 1-inch slotted screen PVC pipe and solid riser. The wells were installed to geo-probe refusal at approximately 22 feet bgs. The locations of the soil boring and temporary monitoring wells are presented on Figure 1 and Figure 2, attached. Due to shallow well construction based on geo-probe refusal, only one (1) water sample was able to be collected (MW-1) as MW-2 was dry at the time of sampling. An additional water sample was collected from the banks of the Pecos River located southwest of the site.

Soil cores were continuously collected on two-foot intervals. The cores were visually examined, field analyzed for chlorides, and documented in the field logbook. Soil samples were collected and submitted for laboratory analysis from soil intervals that exhibited evidence of elevated chloride and/or petroleum hydrocarbon impacts (staining) and/or elevated chloride levels (based on field analysis) and from the boring terminus.

Personnel wearing new disposable gloves collected soil samples and placed the samples in laboratory-supplied containers, sealed with Teflon lined caps, labeled, and subsequently placed on ice in a covered, insulated cooler and chilled to 40°F. The soil samples were shipped to ALS Laboratory Group in Houston, Texas for analysis. The collected soil samples were analyzed for chlorides by EPA Method 300.1; benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B; and total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and diesel range organics (DRO) by EPA Method 8015 Modified.

Following the completion of the LSA activities, all soil borings were properly plugged and abandoned in accordance with New Mexico Office of the State Engineer rules and regulations under the direction of a State of New Mexico licensed well driller.

2.2 ANALYTICAL RESULTS

2.2.1 Soil Samples

Analytical results indicated chloride concentrations in all soil samples ranged from 64.2 mg/Kg to 2,290 mg/Kg. BTEX concentrations in all soil samples ranged from below laboratory reporting limits to 225.2 mg/Kg. A summary of the soil sample analytical results is presented on Table 1 and Table 2 – Appendix B. Certified copies of the laboratory analytical results and proper chain of custody documentation are presented in Appendix C.

2.2.2 Groundwater Samples

Analytical results indicated chloride concentrations in water sample collected from temporary monitoring well MW-2 was determined to be 5,440 mg/L. Total dissolved solids were determined to be 14,900 mg/L. Analytical results indicated chloride concentrations in the water sample collected from the Pecos River was determined to be 1,240 mg/L. A summary of the water sample analytical results is presented on Table 3 – Appendix B. Certified copies of the laboratory analytical results and proper chain of custody documentation are presented in Appendix C.

3.0 PROPOSED SITE CLOSURE ACTIVITIES

Based on the results of the LSA and verbal conversations with personnel with the New Mexico Oil Conservation Division (NMOCD), additional remediation of chloride affected soil is not warranted as groundwater chloride concentrations exceed all residual soil chloride concentrations. However, due to elevated BTEX and TPH concentrations identified near MW-2, additional remediation of petroleum affected soil is warranted.

3.1 EXCAVATION AND OFF-SITE DISPOSAL

Due to identified petroleum hydrocarbon affected soil near temporary monitoring well MW-2, remedial excavation activities will be conducted in the northern portion of the tank battery.

3.1.1 Excavation Activities

An area of approximately 40 feet by 50 feet will be excavated using a conventional backhoe or similar equipment to an estimated depth of 10-feet bgs. If no visible impact remains at 10-feet bgs depth, confirmation samples will be collected as outlined in Section 3.1.2 and the excavation will be backfilled as outlined in Section 3.1.3. Due to the proposed area of excavation, one (1) above ground storage tank will be temporarily re-located so the excavation activities can be conducted in a safe and efficient manner. The location of the proposed excavation area is presented on Figure 3.

Should visibly impacted soil be present at the 10-feet bgs depth, additional excavation activities will be performed to a depth equal to no visual impact or, if visual impact remains, to a depth equal to the maximum excavation depth possible with a backhoe.

Excavated soil will be immediately loaded into dump trucks for transportation to Lea Land Inc. Landfill. In the event direct loading cannot be completed at the time of excavation, the affected soil will be placed on plastic and covered with plastic to prevent any possible storm water impacts. Following characterization and waste profiling, the soil stockpile will be transported to Lea Land Inc. Landfill.

3.1.2 Confirmation Sampling

Once all visually impacted soil is removed, (or the maximum depth of excavation is achieved), discrete confirmation soil samples will be collected from the bottom and sidewalls of the excavation. Personnel wearing new disposable gloves will collect soil samples and will place the samples in laboratory-supplied containers, sealed with Teflon lined caps, labeled, and subsequently placed on ice in a covered, insulated cooler and chilled to 40°F. The soil samples will be shipped to the laboratory for analysis. The collected soil samples will be analyzed for BTEX by EPA Method 8260 and TPH GRO/DRO by EPA Method 8015 Modified. The following limits will be used to determine whether additional investigation and/or excavation is required:

Constituent	Regulatory Limits (mg/Kg)
Total TPH	100
Benzene	10
BTEX	50.0

3.1.3 Excavation Backfill

Following excavation of the visibly impacted soil (or maximum extent possible with a backhoe) and evaluation of analytical results from confirmation soil sampling, the excavation will be backfilled and compacted. Due to current operations of the tank battery, the soil cover will consist of compacted non-waste containing, earthen material. The backfill material will be clean borrow material from the lease or from an approved off-site source.

4.0 FINAL REPORTING AND DOCUMENTATION

Within 60 days of completion of site closure activities, a closure report will be submitted to the NMOCD. The closure report will include sampling results, volumes of soil removed and waste manifests, a plot plan, and details of the borrow source location and backfilling activities.

Appendix A

Figures

TALON

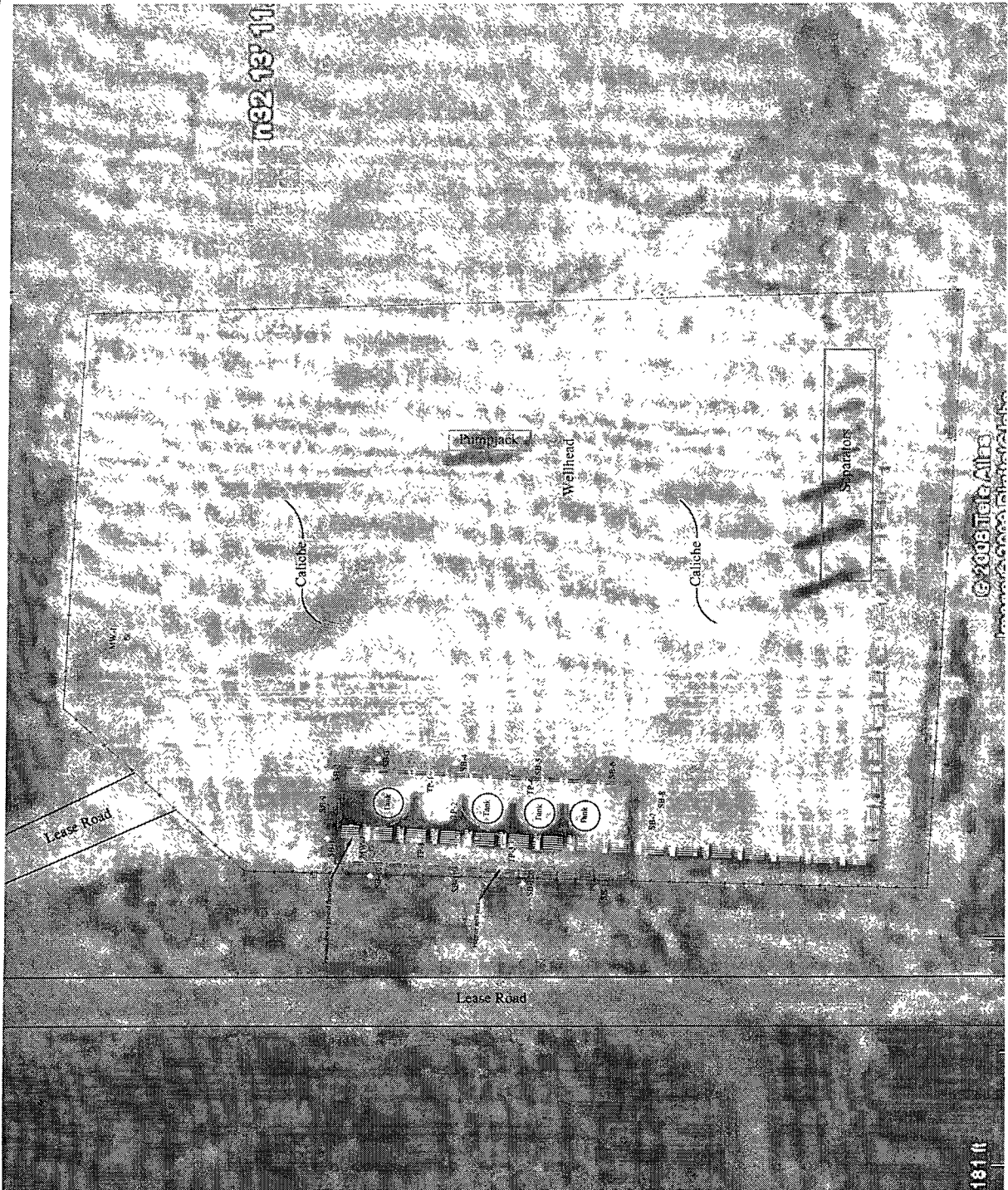
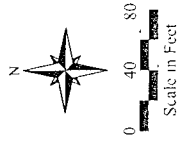
Date: 12/30/2008

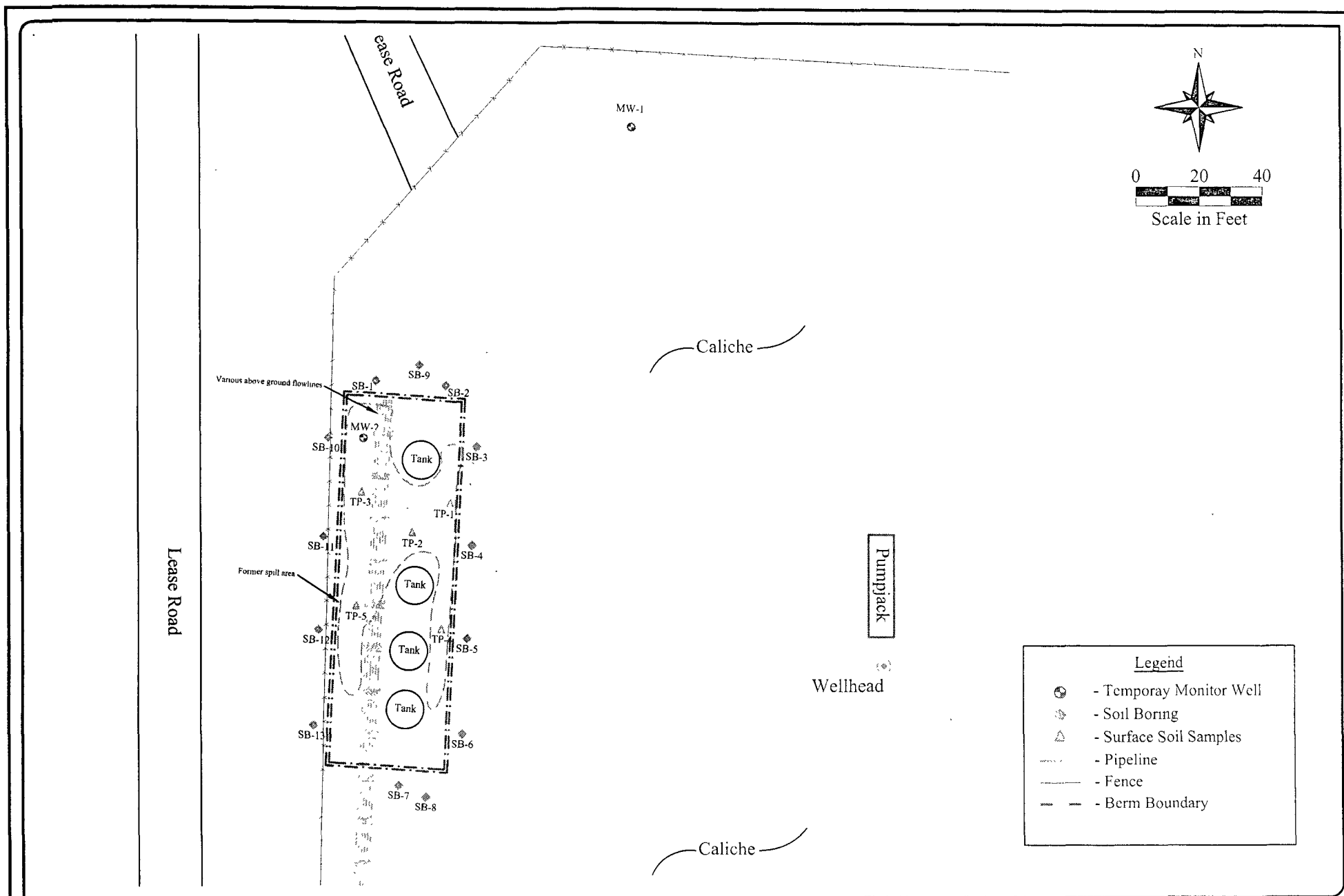
Scale: 1" = 40'

Drawn By: SJA

Clemon Springs Holdings, Inc. (GLENSP005SAM)
 Harroun 15 # 15 Well Site
 Eddy County, New Mexico
 Figure 1 - Site Details with Aerial Photograph

- Legend**
- Temporary Abandon Well
 - Well Bore
 - Surface Soil Sample
 - Pits
 - U.S.W.
 - Ben in Road





Date: 12/17/2008
 Scale: 1" = 40'
 Drawn By: SJA

Glenn Springs Holdings, Inc. (GLENSP005SAM)
 Harroun 15 # 15 Well Site
 Eddy County, New Mexico
 Figure 2 - Site Details Map - Soil Boring and Temporary Well Locations

Appendix B

Tables



TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA - CHLORIDES
GLENN SPRINGS HOLDINGS, INC.
OXY USA INC. HARROUN 15 # 15
EDDY COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE ID	SAMPLE DEPTH (feet)	DATE SAMPLED	CHLORIDES (mg/Kg)
SB-1	SB-1 - 4'	4	11/18/2008	1,790
	SB-1 - 10'	10	11/18/2008	1,120
	SB-1 - 16'	16	11/18/2008	1,150
SB-2	SB-2 - 2'	2	11/18/2008	140
	SB-2 - 10'	10	11/18/2008	1,290
	SB-2 - 16'	16	11/18/2008	1,140
SB-3	SB-3 - 4'	4	11/18/2008	1,370
	SB-3 - 14'	14	11/18/2008	1,060
SB-4	SB-4 - 6'	6	11/18/2008	1,740
	SB-4 - 14'	14	11/18/2008	1,720
SB-5	SB-5 - 4'	4	11/18/2008	258
	SB-5 - 16'	16	11/18/2008	1,300
SB-6	SB-6 - 4'	4	11/18/2008	721
	SB-6 - 10'	10	11/18/2008	1,520
	SB-6 - 16'	16	11/18/2008	1,370
SB-7	SB-7 - 2'	2	11/18/2008	165
	SB-7 - 8'	8	11/18/2008	2,210
	SB-7 - 14'	14	11/18/2008	1,310
SB-8	SB-8 - 4'	4	11/18/2008	738
	SB-8 - 10'	10	11/18/2008	2,250
	SB-8 - 16'	16	11/18/2008	1,370
SB-9	SB-9 - 4'	4	11/18/2008	1,720
	SB-9 - 10'	10	11/18/2008	1,430
	SB-9 - 16'	16	11/18/2008	1,190
SB-10	SB-10 - 2'	2	11/18/2008	67.9
	SB-10 - 10'	10	11/18/2008	2,290
	SB-10 - 16'	16	11/18/2008	1,030
SB-11	SB-11 - 6'	6	11/18/2008	2,200
	SB-11 - 12'	12	11/18/2008	1,060
	SB-11 - 16'	16	11/18/2008	527
SB-12	SB-12 - 2'	2	11/18/2008	64.2
	SB-12 - 6'	6	11/18/2008	1,940
	SB-12 - 16'	16	11/18/2008	1,350
SB-13	SB-13 - 4'	4	11/18/2008	139
	SB-13 - 6'	6	11/18/2008	1,820
	SB-13 - 14'	14	11/18/2008	1,530
MW-2	MW-2 - 6'	6	11/18/2008	911
	MW-2 - 12'	12	11/18/2008	1,460



TABLE 2
SUMMARY OF SOIL ANALYTICAL DATA - CHLORIDES
GLENN SPRINGS HOLDINGS, INC.
OXY USA INC. HARROUN 15 # 15
EDDY COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE ID	SAMPLE DEPTH (feet)	DATE SAMPLED	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHLYBENZENE (mg/Kg)	XYLENES (mg/Kg)	TPH-GRO (mg/Kg)	TPH-DRO (mg/Kg)
SB-1	SB-1 - 4'	4	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-1 - 10'	10	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-1 - 16'	16	11/18/2008	0 0033	0 0052	0 69 J	3 0 J	<0 027	<21
SB-2	SB-2 - 2'	2	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-2 - 10'	10	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-2 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT
SB-3	SB-3 - 4'	4	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-3 - 14'	14	11/18/2008	NT	NT	NT	NT	NT	NT
SB-4	SB-4 - 6'	6	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-4 - 14'	14	11/18/2008	NT	NT	NT	NT	NT	NT
SB-5	SB-5 - 4'	4	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-5 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT
SB-6	SB-6 - 4'	4	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-6 - 10'	10	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-6 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT
SB-7	SB-7 - 2'	2	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-7 - 8'	8	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-7 - 14'	14	11/18/2008	<0 00025	<0 00049	<0 00037	1 0 J	<0 025	<0 19
SB-8	SB-8 - 4'	4	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-8 - 10'	10	11/18/2008	<0.00024	0 00058 J	<0 00036	<0.00060	<0 024	<19
	SB-8 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT
SB-9	SB-9 - 4'	4	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-9 - 10'	10	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-9 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT
SB-10	SB-10 - 2'	2	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-10 - 10'	10	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-10 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT



TABLE 2
SUMMARY OF SOIL ANALYTICAL DATA - CHLORIDES
GLENN SPRINGS HOLDINGS, INC.
OXY USA INC. HARROUN 15 # 15
EDDY COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE ID	SAMPLE DEPTH (feet)	DATE SAMPLED	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHLYBENZENE (mg/Kg)	XYLENES (mg/Kg)	TPH-GRO (mg/Kg)	TPH-DRO (mg/Kg)
SB-11	SB-11 - 6'	6	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-11 - 12'	12	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-11 - 16'	16	11/18/2008	<0.00024	0 00063 J	<0 00036	0 00069 J	<0 024	<19
SB-12	SB-12 - 2'	2	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-12 - 6'	6	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-12 - 16'	16	11/18/2008	NT	NT	NT	NT	NT	NT
SB-13	SB-13 - 4'	4	11/18/2008	<0 00023	<0 00045	<0 00034	<0 00056	<0 023	<18
	SB-13 - 6'	6	11/18/2008	NT	NT	NT	NT	NT	NT
	SB-13 - 14'	14	11/18/2008	<0 00024	<0 00064 J	<0 00037	<0 00061	<0 024	<19
MW-2	MW-1 - 6'	6	11/18/2008	3 200	73 000	29 000	120 000	490	2 100
	MW-1 - 12'	12	11/18/2008	0 180	0 470	0 063	0 280	0 18	<21



TABLE 3
SUMMARY OF WATER ANALYTICAL DATA
GLENN SPRINGS HOLDINGS, INC.
OXY USA INC. HARROUN 15 # 15
EDDY COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE ID	DATE SAMPLED	CHLORIDES (mg/L)	TDS (mg/L)
Pecos River	River	11/18/2008	1,240	NT
MW-1	MW-1	12/5/2008	5,440	14,900

1 NT = Not tested for listed constituent

Appendix C

Sample Analytical Data Reports and Chain of Custody Documentation

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

11-Dec-08

J.T. Murrey
Talon/LPE
2901 S. State Highway 349
Midland, TX 79706

Tel: (903) 718-0505
Fax:

Re: Harroun 15 #15

Work Order : 0811524

Dear J T.,

ALS Laboratory Group received 39 samples on 11/25/2008 09:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 61.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by Glenda H Ramos

Lora Terrill
VP Lab Operations



Certificate No: T104704231-08-TX

ALS Group USA, Corp.

Part of the **ALS Laboratory Group**

10450 Standliff Rd, Suite 210 Houston, Texas 77099-4338

Phone. (281) 530-5656 Fax: (281) 530-5887

www.alsglobal.com www.elabi.com

A Campbell Brothers Limited Company

ALS Laboratory Group

Date 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Work Order: 0811524

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0811524-01	SB-4 6'	Soil		11/18/2008 16:21	11/25/2008 09:00	☐
0811524-02	SB-4 14'	Soil		11/18/2008 16:39	11/25/2008 09:00	☐
0811524-03	SB-5 4'	Soil		11/18/2008 16:46	11/25/2008 09:00	☐
0811524-04	SB-5 16'	Soil		11/18/2008 17:05	11/25/2008 09:00	☐
0811524-05	SB-6 4'	Soil		11/18/2008 17:11	11/25/2008 09:00	☐
0811524-06	SB-6 10'	Soil		11/18/2008 17:16	11/25/2008 09:00	☐
0811524-07	SB-6 14'	Soil		11/18/2008 17:19	11/25/2008 09:00	☐
0811524-08	SB-7 2'	Soil		11/18/2008 17:23	11/25/2008 09:00	☐
0811524-09	SB-7 8'	Soil		11/18/2008 17:31	11/25/2008 09:00	☐
0811524-10	SB-7 14'	Soil		11/18/2008 17:52	11/25/2008 09:00	☐
0811524-11	SB-1 4'	Soil		11/18/2008 14:12	11/25/2008 09:00	☐
0811524-12	SB-1 10'	Soil		11/18/2008 14:20	11/25/2008 09:00	☐
0811524-13	SB-1 16'	Soil		11/18/2008 14:30	11/25/2008 09:00	☐
0811524-14	MW-1 6'	Soil		11/18/2008 14:56	11/25/2008 09:00	☐
0811524-15	MW-1 12'	Soil		11/18/2008 15:03	11/25/2008 09:00	☐
0811524-16	SB-2 2'	Soil		11/18/2008 15:14	11/25/2008 09:00	☐
0811524-17	SB-2 10'	Soil		11/18/2008 15:25	11/25/2008 09:00	☐
0811524-18	SB-2 16'	Soil		11/18/2008 15:36	11/25/2008 09:00	☐
0811524-19	SB-3 4'	Soil		11/18/2008 15:46	11/25/2008 09:00	☐
0811524-20	SB-3 14'	Soil		11/18/2008 16:03	11/25/2008 09:00	☐
0811524-21	SB-8 4'	Soil		11/19/2008 07:46	11/25/2008 09:00	☐
0811524-22	SB-8 10'	Soil		11/19/2008 07:55	11/25/2008 09:00	☐
0811524-23	SB-8 16'	Soil		11/19/2008 08:01	11/25/2008 09:00	☐
0811524-24	SB-9 4'	Soil		11/19/2008 08:10	11/25/2008 09:00	☐
0811524-25	SB-9 10'	Soil		11/19/2008 08:26	11/25/2008 09:00	☐
0811524-26	SB-9 16'	Soil		11/19/2008 08:30	11/25/2008 09:00	☐
0811524-27	SB-10 2'	Soil		11/19/2008 09:10	11/25/2008 09:00	☐
0811524-28	SB-10 10'	Soil		11/19/2008 09:18	11/25/2008 09:00	☐
0811524-29	SB-10 16'	Soil		11/19/2008 09:23	11/25/2008 09:00	☐
0811524-30	SB-11 6'	Soil		11/19/2008 09:36	11/25/2008 09:00	☐
0811524-31	SB-11 12'	Soil		11/19/2008 09:41	11/25/2008 09:00	☐
0811524-32	SB-11 16'	Soil		11/19/2008 09:43	11/25/2008 09:00	☐
0811524-33	SB-12 2'	Soil		11/19/2008 09:48	11/25/2008 09:00	☐
0811524-34	SB-12 6'	Soil		11/19/2008 09:52	11/25/2008 09:00	☐
0811524-35	SB12 16'	Soil		11/19/2008 10:02	11/25/2008 09:00	☐
0811524-36	SB-13 4'	Soil		11/19/2008 10:08	11/25/2008 09:00	☐
0811524-37	SB-13 6'	Soil		11/19/2008 10:12	11/25/2008 09:00	☐
0811524-38	SB-13 14'	Soil		11/19/2008 10:19	11/25/2008 09:00	☐
0811524-39	River	Water		11/24/2008 08:00	11/25/2008 09:00	☐

Client: Talon/LPE
Project: Harroun 15 #15
Work Order: 0811524

Case Narrative

GRO surrogate recovery above control limit for MW-1 6' due to sample matrix.

Batch R70814 GRO (sample MW-1 6') MS/MSD recoveries outside control limits but also O qualified.

Batch R70817 GRO (sample SB-13 14') MS recovery below control limit. MSD recovery is in control. RPD above control limit. LCSD provided.

Batch R70682 Chloride MS is an unrelated sample.

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-4 6'
Collection Date: 11/18/2008 04:21 PM

Work Order: 0811524
Lab ID: 0811524-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method. E300		Prep: E300 / 11/26/08		Analyst. PV
Chloride	1,740		24	60.1	mg/Kg-dry	10	12/2/2008
Surr Selenate (surr)	92.9			85-115	%REC	10	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	18.2	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
 Project: Harroun 15 #15
 Sample ID: SB-4 14'
 Collection Date: 11/18/2008 04:39 PM

Work Order: 0811524
 Lab ID: 0811524-02
 Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,720		24	61.1	mg/Kg-dry	10	12/2/2008
Surr Selenate (surr)	92.0			85-115	%REC	10	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	18.8	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
 U - Analyzed for but Not Detected
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results RPD > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-5 4'
Collection Date: 11/18/2008 04:46 PM

Work Order: 0811524
Lab ID: 0811524-03
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method. E300		Prep E300 / 11/26/08		Analyst PV
Chloride	258		2.4	6.04	mg/Kg-dry	1	12/2/2008
Surr: Selenate (surr)	91.2			85-115	%REC	1	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	17.5	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-5 16'
Collection Date: 11/18/2008 05:05 PM

Work Order: 0811524
Lab ID: 0811524-04
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,300		26	64.3	mg/Kg-dry	10	12/2/2008
Surr Selenate (surr)	92.8			85-115	%REC	10	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	22.7	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-6 4'
Collection Date: 11/18/2008 05:11 PM

Work Order: 0811524
Lab ID: 0811524-05
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	721		12	30.0	mg/Kg-dry	5	12/2/2008
Surr Selenate (surr)	94.6			85-115	%REC	5	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	16.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-6 10'
Collection Date: 11/18/2008 05:16 PM

Work Order: 0811524
Lab ID: 0811524-06
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method: E300		Prep: E300 / 11/26/08		Analyst PV
Chloride	1,520		24	60.4	mg/Kg-dry	10	12/2/2008
Surr: Selenate (surr)	92.9			85-115	%REC	10	12/2/2008
MOISTURE			Method: E160.3				Analyst TDW
Percent Moisture	18.4	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-6 14'
Collection Date: 11/18/2008 05:19 PM

Work Order: 0811524
Lab ID: 0811524-07
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method: E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,370		25	63.1	mg/Kg-dry	10	12/2/2008
Surr: Selenate (surr)	92.0			85-115	%REC	10	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	21.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-7 2'
Collection Date: 11/18/2008 05:23 PM

Work Order: 0811524
Lab ID: 0811524-08
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep. E300 / 11/26/08		Analyst: PV
Chloride	165		2.4	5.89	mg/Kg-dry	1	12/2/2008
Surr: Selenate (surr)	93.7			85-115	%REC	1	12/2/2008
MOISTURE			Method E160.3				Analyst: TDW
Percent Moisture	15.7	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-7 8'
Collection Date: 11/18/2008 05:31 PM

Work Order: 0811524
Lab ID: 0811524-09
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	2,210		24	60.7	mg/Kg-dry	10	12/2/2008
Surr Selenate (surr)	92.4			85-115	%REC	10	12/2/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	18.2	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers: U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-7 14'
Collection Date: 11/18/2008 05:52 PM

Work Order: 0811524
Lab ID: 0811524-10
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method SW8015M		Prep SW8015M / 12/1/08		Analyst KMB
TPH (Diesel Range)	U		19	60	mg/Kg-dry	1	12/7/2008
Surr: 2-Fluorobiphenyl	70.3			70-130	%REC	1	12/7/2008
GASOLINE RANGE ORGANICS							
			Method SW8015				Analyst DKG
Gasoline Range Organics	U		0.025	0.062	mg/Kg-dry	1	12/1/2008
Surr: 4-Bromofluorobenzene	89.0			70-130	%REC	1	12/1/2008
BTEX							
			Method SW8021B				Analyst WLR
Benzene	U		0.25	1.2	µg/Kg-dry	1	11/26/2008
Toluene	U		0.49	1.2	µg/Kg-dry	1	11/26/2008
Ethylbenzene	U		0.37	1.2	µg/Kg-dry	1	11/26/2008
Xylenes, Total	1.0	J	0.62	3.7	µg/Kg-dry	1	11/26/2008
Surr: 4-Bromofluorobenzene	89.4			75-131	%REC	1	11/26/2008
Surr: Trifluorotoluene	111			73-130	%REC	1	11/26/2008
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,310		25	61.5	mg/Kg-dry	10	12/2/2008
Surr: Selenate (surr)	91.4			85-115	%REC	10	12/2/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	19.1	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
 Project: Harroun 15 #15
 Sample ID: SB-1 4'
 Collection Date: 11/18/2008 02:12 PM

Work Order: 0811524
 Lab ID: 0811524-11
 Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,790		24	59.6	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	90.8			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	16.3	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
 U - Analyzed for but Not Detected
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results RPD > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-1 10'
Collection Date: 11/18/2008 02:20 PM

Work Order: 0811524
Lab ID: 0811524-12
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method: E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,120		25	61.5	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	94.5			85-115	%REC	10	12/3/2008
MOISTURE			Method: E160.3				Analyst TDW
Percent Moisture	19.5	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-1 16'
Collection Date: 11/18/2008 02:30 PM

Work Order: 0811524
Lab ID: 0811524-13
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method SW8015M		Prep SW8015M / 12/1/08		Analyst KMB
TPH (Diesel Range)	U		21	66	mg/Kg-dry	1	12/7/2008
Surr. 2-Fluorobiphenyl	81.9			70-130	%REC	1	12/7/2008
GASOLINE RANGE ORGANICS							
			Method SW8015				Analyst DKG
Gasoline Range Organics	U		0.027	0.067	mg/Kg-dry	1	12/1/2008
Surr. 4-Bromofluorobenzene	87.9			70-130	%REC	1	12/1/2008
BTEX							
			Method SW8021B				Analyst WLR
Benzene	3.3		0.27	1.3	µg/Kg-dry	1	11/26/2008
Toluene	5.2		0.54	1.3	µg/Kg-dry	1	11/26/2008
Ethylbenzene	0.69	J	0.40	1.3	µg/Kg-dry	1	11/26/2008
Xylenes, Total	3.0	J	0.67	4.0	µg/Kg-dry	1	11/26/2008
Surr. 4-Bromofluorobenzene	90.8			75-131	%REC	1	11/26/2008
Surr. Trifluorotoluene	112			73-130	%REC	1	11/26/2008
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,150		27	66.9	mg/Kg-dry	10	12/3/2008
Surr. Selenate (surr)	94.8			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	25.5	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: MW-1 6'
Collection Date: 11/18/2008 02:56 PM

Work Order: 0811524
Lab ID: 0811524-14
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method: SW8015M			Prep SW8015M / 12/1/08	Analyst: KMB
TPH (Diesel Range)	2,100		19	61	mg/Kg-dry	1	12/7/2008
Surr 2-Fluorobiphenyl	124			70-130	%REC	1	12/7/2008
GASOLINE RANGE ORGANICS							
			Method: SW8015				Analyst: DKG
Gasoline Range Organics	490		0.25	0.62	mg/Kg-dry	10	12/2/2008
Surr 4-Bromofluorobenzene	453	S		70-130	%REC	10	12/2/2008
BTEX							
			Method: SW8021B				Analyst: WLR
Benzene	3,200		31	150	µg/Kg-dry	125	11/27/2008
Toluene	73,000		620	1,500	µg/Kg-dry	1250	11/27/2008
Ethylbenzene	29,000		460	1,500	µg/Kg-dry	1250	11/27/2008
Xylenes, Total	120,000		770	4,600	µg/Kg-dry	1250	11/27/2008
Surr 4-Bromofluorobenzene	120			75-131	%REC	1250	11/27/2008
Surr 4-Bromofluorobenzene	117			75-131	%REC	125	11/27/2008
Surr Trifluorotoluene	123			73-130	%REC	1250	11/27/2008
Surr Trifluorotoluene	119			73-130	%REC	125	11/27/2008
ANIONS							
			Method: E300			Prep E300 / 11/26/08	Analyst: PV
Chloride	911		25	61.4	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	95.0			85-115	%REC	10	12/3/2008
MOISTURE							
			Method: E160.3				Analyst: TDW
Percent Moisture	18.8	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: MW-1 12'
Collection Date: 11/18/2008 03:03 PM

Work Order: 0811524
Lab ID: 0811524-15
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method SW8015M		Prep: SW8015M / 12/1/08		Analyst KMB
TPH (Diesel Range)	U		21	67	mg/Kg-dry	1	12/8/2008
Surr 2-Fluorobiphenyl	79.4			70-130	%REC	1	12/8/2008
GASOLINE RANGE ORGANICS							
			Method SW8015				Analyst DKG
Gasoline Range Organics	0.18		0.027	0.067	mg/Kg-dry	1	12/1/2008
Surr 4-Bromofluorobenzene	88.3			70-130	%REC	1	12/1/2008
BTEX							
			Method SW8021B				Analyst WLR
Benzene	180		1.3	6.7	µg/Kg-dry	5	11/26/2008
Toluene	470		2.7	6.7	µg/Kg-dry	5	11/26/2008
Ethylbenzene	63		2.0	6.7	µg/Kg-dry	5	11/26/2008
Xylenes, Total	280		3.4	20	µg/Kg-dry	5	11/26/2008
Surr 4-Bromofluorobenzene	78.0			75-131	%REC	5	11/26/2008
Surr Trifluorotoluene	96.3			73-130	%REC	5	11/26/2008
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,460		27	66.6	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	94.1			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	25.4	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-2 2'
Collection Date: 11/18/2008 03:14 PM

Work Order: 0811524
Lab ID: 0811524-16
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method: E300		Prep E300 / 11/26/08		Analyst: PV
Chloride	140		12	29.5	mg/Kg-dry	5	12/3/2008
Surr. Selenate (surr)	910			85-115	%REC	5	12/3/2008
MOISTURE			Method: E160.3				Analyst: TDW
Percent Moisture	15.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:

U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
 Project: Harroun 15 #15
 Sample ID: SB-2 10'
 Collection Date: 11/18/2008 03:25 PM

Work Order: 0811524
 Lab ID: 0811524-17
 Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,290		25	62.0	mg/Kg-dry	10	12/3/2008
Surr: Selenate (surr)	88.8			85-115	%REC	10	12/3/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	19.8	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:

U - Analyzed for but Not Detected
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results RPD > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-2 16'
Collection Date: 11/18/2008 03:36 PM

Work Order: 0811524
Lab ID: 0811524-18
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,140		25	62.8	mg/Kg-dry	10	12/3/2008
Surr. Selenate (surr)	93.8			85-115	%REC	10	12/3/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	21.0	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-3 4'
Collection Date: 11/18/2008 03:46 PM

Work Order: 0811524
Lab ID: 0811524-19
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,370		23	57.6	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	918			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	13.8	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE

Project: Harroun 15 #15

Sample ID: SB-3 14'

Collection Date: 11/18/2008 04:03 PM

Work Order: 0811524

Lab ID: 0811524-20

Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,060		25	62.9	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	91.5			85-115	%REC	10	12/3/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	20.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:

U - Analyzed for but Not Detected

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

a - Not accredited

S - Spike Recovery outside accepted recovery limits

P - Dual Column results RPD > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
 Project: Harroun 15 #15
 Sample ID: SB-8 4'
 Collection Date: 11/19/2008 07:46 AM

Work Order: 0811524
 Lab ID: 0811524-21
 Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	738		24	60.4	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	93.4			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	17.5	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
 U - Analyzed for but Not Detected
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results RPD > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-8 10'
Collection Date: 11/19/2008 07:55 AM

Work Order: 0811524
Lab ID: 0811524-22
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method: SW8015M		Prep: SW8015M / 12/1/08		Analyst: KMB
TPH (Diesel Range)	U		19	60	mg/Kg-dry	1	12/8/2008
Surr: 2-Fluorobiphenyl	73.1			70-130	%REC	1	12/8/2008
GASOLINE RANGE ORGANICS							
			Method: SW8015				Analyst: DKG
Gasoline Range Organics	U		0.024	0.060	mg/Kg-dry	1	12/1/2008
Surr: 4-Bromofluorobenzene	89.7			70-130	%REC	1	12/1/2008
BTEX							
			Method: SW8021B				Analyst: WLR
Benzene	U		0.24	1.2	µg/Kg-dry	1	11/26/2008
Toluene	0.58	J	0.48	1.2	µg/Kg-dry	1	11/26/2008
Ethylbenzene	U		0.36	1.2	µg/Kg-dry	1	11/26/2008
Xylenes, Total	U		0.60	3.6	µg/Kg-dry	1	11/26/2008
Surr: 4-Bromofluorobenzene	92.1			75-131	%REC	1	11/26/2008
Surr: Trifluorotoluene	115			73-130	%REC	1	11/26/2008
ANIONS							
			Method: E300		Prep: E300 / 11/26/08		Analyst: PV
Chloride	2,250		47	119	mg/Kg-dry	20	12/3/2008
Surr: Selenate (surr)	91.4			85-115	%REC	20	12/3/2008
MOISTURE							
			Method: E160.3				Analyst: TDW
Percent Moisture	16.2	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
 Project: Harroun 15 #15
 Sample ID: SB-8 16'
 Collection Date: 11/19/2008 08:01 AM

Work Order: 0811524
 Lab ID: 0811524-23
 Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,370		25	63.3	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	93.8			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	21.1	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
 U - Analyzed for but Not Detected
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results RPD > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-9 4'
Collection Date: 11/19/2008 08:10 AM

Work Order: 0811524
Lab ID: 0811524-24
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst: PV
Chloride	1,720		23	58.4	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	93.7			85-115	%REC	10	12/3/2008
MOISTURE			Method E160.3				Analyst: TDW
Percent Moisture	15.3	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-9 10'
Collection Date: 11/19/2008 08:26 AM

Work Order: 0811524
Lab ID: 0811524-25
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS							
			Method: E300			Prep: E300 / 11/26/08	Analyst: PV
Chloride	1,430		24	61.2	mg/Kg-dry	10	12/3/2008
Surr Selenate (surr)	93.4			85-115	%REC	10	12/3/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	18.4	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers: U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-9 16'
Collection Date: 11/19/2008 08:30 AM

Work Order: 0811524
Lab ID: 0811524-26
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,190		26	65.3	mg/Kg-dry	10	12/4/2008
Surr: Selenate (surr)	92	1		85-115	%REC	10	12/4/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	23.7	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-10 2'
Collection Date: 11/19/2008 09:10 AM

Work Order: 0811524
Lab ID: 0811524-27
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep: E300 / 11/26/08		Analyst PV
Chloride	67.9		2.4	5.88	mg/Kg-dry	1	12/4/2008
Surr Selenate (surr)	92.5			85-115	%REC	1	12/4/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	15.7	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-10 10'
Collection Date: 11/19/2008 09:18 AM

Work Order: 0811524
Lab ID: 0811524-28
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst: PV
Chloride	2,290		25	61.6	mg/Kg-dry	10	12/4/2008
Surr. Selenate (surr)	92.4			85-115	%REC	10	12/4/2008
MOISTURE			Method: E160.3				Analyst TDW
Percent Moisture	18.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers: U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-10 16'
Collection Date: 11/19/2008 09:23 AM

Work Order: 0811524
Lab ID: 0811524-29
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method: E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,030		26	64.7	mg/Kg-dry	10	12/4/2008
Surr Selenate (surr)	93.0			85-115	%REC	10	12/4/2008
MOISTURE			Method: E160.3				Analyst TDW
Percent Moisture	23.3	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-11 6'
Collection Date: 11/19/2008 09:36 AM

Work Order: 0811524
Lab ID: 0811524-30
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300			Prep: E300 / 11/26/08	Analyst PV
Chloride	2,200		24	59.1	mg/Kg-dry	10	12/4/2008
Surr: Selenate (surr)	93.2			85-115	%REC	10	12/4/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	15.4	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-11 12'
Collection Date: 11/19/2008 09:41 AM

Work Order: 0811524
Lab ID: 0811524-31
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS							
			Method: E300			Prep: E300 / 11/26/08	Analyst PV
Chloride	1,060		25	62.0	mg/Kg-dry	10	12/4/2008
Surr Selenate (surr)	93.4			85-115	%REC	10	12/4/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	19.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-11 16'
Collection Date: 11/19/2008 09:43 AM

Work Order: 0811524
Lab ID: 0811524-32
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method: SW8015M			Prep: SW8015M / 12/1/08	Analyst KMB
TPH (Diesel Range)	U		19	59	mg/Kg-dry	1	12/8/2008
Surr: 2-Fluorobiphenyl	73.7			70-130	%REC	1	12/8/2008
GASOLINE RANGE ORGANICS							
			Method: SW8015				Analyst DKG
Gasoline Range Organics	U		0.024	0.059	mg/Kg-dry	1	12/1/2008
Surr: 4-Bromofluorobenzene	88.7			70-130	%REC	1	12/1/2008
BTEX							
			Method: SW8021B				Analyst WLR
Benzene	U		0.24	1.2	µg/Kg-dry	1	11/26/2008
Toluene	0.63	J	0.47	1.2	µg/Kg-dry	1	11/26/2008
Ethylbenzene	U		0.36	1.2	µg/Kg-dry	1	11/26/2008
Xylenes, Total	0.69	J	0.59	3.6	µg/Kg-dry	1	11/26/2008
Surr: 4-Bromofluorobenzene	94.8			75-131	%REC	1	11/26/2008
Surr: Trifluorotoluene	115			73-130	%REC	1	11/26/2008
ANIONS							
			Method: E300			Prep: E300 / 11/26/08	Analyst PV
Chloride	527		2.3	5.87	mg/Kg-dry	1	12/4/2008
Surr: Selenate (surr)	93.3			85-115	%REC	1	12/4/2008
MOISTURE							
			Method: E160.3				Analyst TDW
Percent Moisture	15.8	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-12 2'
Collection Date: 11/19/2008 09:48 AM

Work Order: 0811524
Lab ID: 0811524-33
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	64.2		2.4	5.97	mg/Kg-dry	1	12/4/2008
Surr Selenate (surr)	92.8			85-115	%REC	1	12/4/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	16.4	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-12 6'
Collection Date: 11/19/2008 09:52 AM

Work Order: 0811524
Lab ID: 0811524-34
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method: E300		Prep E300 / 11/26/08		Analyst: PV
Chloride	1,940		23	58.2	mg/Kg-dry	10	12/4/2008
Surr Selenate (surr)	92.1			85-115	%REC	10	12/4/2008
MOISTURE			Method: E160.3				Analyst: TDW
Percent Moisture	14.1	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB12 16'
Collection Date: 11/19/2008 10:02 AM

Work Order: 0811524
Lab ID: 0811524-35
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,350		27	66.5	mg/Kg-dry	10	12/4/2008
Surr: Selenate (surr)	95.0			85-115	%REC	10	12/4/2008
MOISTURE			Method E160.3				Analyst TDW
Percent Moisture	24.9	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-13 4'
Collection Date: 11/19/2008 10:08 AM

Work Order: 0811524
Lab ID: 0811524-36
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method SW8015M		Prep SW8015M / 12/1/08		Analyst KMB
TPH (Diesel Range)	U		18	56	mg/Kg-dry	1	12/8/2008
Surr: 2-Fluorobiphenyl	82.4			70-130	%REC	1	12/8/2008
GASOLINE RANGE ORGANICS							
			Method SW8015				Analyst DKG
Gasoline Range Organics	U		0.023	0.056	mg/Kg-dry	1	12/1/2008
Surr: 4-Bromofluorobenzene	90.9			70-130	%REC	1	12/1/2008
BTEX							
			Method SW8021B				Analyst WLR
Benzene	U		0.23	1.1	µg/Kg-dry	1	11/26/2008
Toluene	U		0.45	1.1	µg/Kg-dry	1	11/26/2008
Ethylbenzene	U		0.34	1.1	µg/Kg-dry	1	11/26/2008
Xylenes, Total	U		0.56	3.4	µg/Kg-dry	1	11/26/2008
Surr: 4-Bromofluorobenzene	94.2			75-131	%REC	1	11/26/2008
Surr: Trifluorotoluene	113			73-130	%REC	1	11/26/2008
ANIONS							
			Method E300		Prep: E300 / 11/26/08		Analyst PV
Chloride	139		2.2	5.62	mg/Kg-dry	1	12/4/2008
Surr: Selenate (surr)	94.1			85-115	%REC	1	12/4/2008
MOISTURE							
			Method E160.3				Analyst TDW
Percent Moisture	11.3	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-13 6'
Collection Date: 11/19/2008 10:12 AM

Work Order: 0811524
Lab ID: 0811524-37
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300		Prep: E300 / 11/26/08		Analyst: PV
Chloride	1,820		24	59.2	mg/Kg-dry	10	12/4/2008
Surr. Selenate (surr)	94.1			85-115	%REC	10	12/4/2008
MOISTURE			Method E160.3				Analyst: TDW
Percent Moisture	16.0	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: SB-13 14'
Collection Date: 11/19/2008 10:19 AM

Work Order: 0811524
Lab ID: 0811524-38
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
TPH AND MISCELLANEOUS GCFID							
			Method SW8015M		Prep SW8015M / 12/1/08		Analyst KMB
TPH (Diesel Range)	U		19	60	mg/Kg-dry	1	12/8/2008
Surr: 2-Fluorobiphenyl	104			70-130	%REC	1	12/8/2008
GASOLINE RANGE ORGANICS							
			Method SW8015				Analyst DKG
Gasoline Range Organics	U		0.024	0.061	mg/Kg-dry	1	12/1/2008
Surr: 4-Bromofluorobenzene	88.5			70-130	%REC	1	12/1/2008
BTEX							
			Method SW8021B				Analyst WLR
Benzene	U		0.24	1.2	µg/Kg-dry	1	11/26/2008
Toluene	0.64	J	0.49	1.2	µg/Kg-dry	1	11/26/2008
Ethylbenzene	U		0.37	1.2	µg/Kg-dry	1	11/26/2008
Xylenes, Total	U		0.61	3.7	µg/Kg-dry	1	11/26/2008
Surr: 4-Bromofluorobenzene	90.8			75-131	%REC	1	11/26/2008
Surr: Trifluorotoluene	113			73-130	%REC	1	11/26/2008
ANIONS							
			Method E300		Prep E300 / 11/26/08		Analyst PV
Chloride	1,530		24	60.9	mg/Kg-dry	10	12/4/2008
Surr: Selenate (surr)	93.3			85-115	%REC	10	12/4/2008
MOISTURE							
			Method: E160.3				Analyst TDW
Percent Moisture	18.1	n	0.010	0.0100	wt%	1	12/1/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
Project: Harroun 15 #15
Sample ID: River
Collection Date: 11/24/2008 08:00 AM

Work Order: 0811524
Lab ID: 0811524-39
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300				Analyst PV
Chloride	1,240		20.0	50.0	mg/L	100	11/26/2008
Surr Selenate (surr)	91.5			85-115	%REC	100	11/26/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Date: 11-Dec-08

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID	33203	Instrument ID	FID-2	Method	SW8015M					
MBLK	Sample ID	FBLKS1-081201-33203	Units	mg/Kg	Analysis Date	12/7/2008 06:09 PM				
Client ID	Run ID	FID-2_081201B	SeqNo	1554206	Prep Date	12/1/2008	DF	1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	U	50								
Surr: 2-Fluorobiphenyl	47.9	0	50	0	95.8	70-130	0			
LCS	Sample ID	FLCSS1-081201-33203	Units	mg/Kg	Analysis Date	12/7/2008 06:56 PM				
Client ID	Run ID	FID-2_081201B	SeqNo	1554207	Prep Date	12/1/2008	DF	1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	279.2	50	250	0	112	70-130	0			
Surr: 2-Fluorobiphenyl	47.21	0	50	0	94.4	70-130	0			
LCSD	Sample ID	FLCSDS1-081201-33203	Units	mg/Kg	Analysis Date	12/7/2008 07:42 PM				
Client ID	Run ID	FID-2_081201B	SeqNo	1554208	Prep Date	12/1/2008	DF	1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	299.2	50	250	0	120	70-130	279.2	6.93	30	
Surr: 2-Fluorobiphenyl	45.34	0	50	0	90.7	70-130	47.21	4.05	30	
MS	Sample ID	0811524-10AMS	Units	mg/Kg	Analysis Date	12/7/2008 09:13 PM				
Client ID: SB-7 14'	Run ID	FID-2_081201B	SeqNo	1554210	Prep Date	12/1/2008	DF	1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	204.9	49	243	0	84.4	70-130	0			
Surr: 2-Fluorobiphenyl	37.07	0	48.59	0	76.3	70-130	0			
MSD	Sample ID	0811524-10AMSD	Units	mg/Kg	Analysis Date	12/7/2008 09:59 PM				
Client ID: SB-7 14'	Run ID	FID-2_081201B	SeqNo	1554211	Prep Date	12/1/2008	DF	1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	248.1	49	244.1	0	102	70-130	204.9	19.1	30	
Surr: 2-Fluorobiphenyl	38.37	0	48.83	0	78.6	70-130	37.07	3.45	30	

The following samples were analyzed in this batch:

0811524-10A	0811524-13A	0811524-14A
0811524-15A	0811524-22A	0811524-32A
0811524-36A	0811524-38A	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID **R70641** Instrument ID **BTEX3** Method **SW8021B**

MBLK	Sample ID	BBLKS1-112608-R70641				Units	µg/Kg		Analysis Date			11/26/2008 10:34 AM		
Client ID		Run ID				BTEX3_081126A		SeqNo	1547854		Prep Date		DF: 1	
Analyte		Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Benzene		U	1.0											
Toluene		U	1.0											
Ethylbenzene		U	1.0											
Xylenes, Total		0.8225	3.0								J			
Surr. 4-Bromofluorobenzene		26.61	1.0	30	0	88.7	75-131		0					
Surr. Trifluorotoluene		34.51	1.0	30	0	115	73-130		0					

LCS	Sample ID: BLCSS1-112608-R70641				Units µg/Kg		Analysis Date: 11/26/2008 09:29 AM			
Client ID	Run ID BTEX3_081126A				SeqNo: 1547853		Prep Date		DF 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.22	1.0	20	0	106	74-129	0			
Toluene	20.63	1.0	20	0	103	75-128	0			
Ethylbenzene	19.23	1.0	20	0	96.2	73-127	0			
Xylenes, Total	55.79	3.0	60	0	93	74-127	0			
Surr: 4-Bromofluorobenzene	28.56	1.0	30	0	95.2	75-131	0			
Surr: Trifluorotoluene	34.42	1.0	30	0	115	73-130	0			

MS	Sample ID: 0811524-10AMS				Units µg/Kg		Analysis Date: 11/26/2008 11:40 AM			
Client ID: SB-7 14'		Run ID: BTEX3_081126A			SeqNo: 1547856		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.11	1.0	20	0	101	74-129	0			
Toluene	19.52	1.0	20	0	97.6	75-128	0			
Ethylbenzene	18.87	1.0	20	0	94.3	73-127	0			
Xylenes, Total	55.15	3.0	60	0.8435	90.5	74-127	0			
Surr. 4-Bromofluorobenzene	27.79	1.0	30	0	92.6	75-131	0			
Surr. Trifluorotoluene	34.61	1.0	30	0	115	73-130	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID: R70641 Instrument ID BTEX3 Method SW8021B

MSD Sample ID. 0811524-10AMSD Units. µg/Kg Analysis Date 11/26/2008 12:12 PM

Client ID SB-7 14' Run ID BTEX3_081126A SeqNo 1547857 Prep Date DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	21.77	1.0	20	0	109	74-129	20 11	7 92	30	
Toluene	20 82	1 0	20	0	104	75-128	19 52	6 43	30	
Ethylbenzene	20 14	1 0	20	0	101	73-127	18 87	6 52	30	
Xylenes, Total	59 4	3 0	60	0 8435	97.6	74-127	55 15	7 41	30	
Surr 4-Bromofluorobenzene	28 35	1 0	30	0	94 5	75-131	27 79	2.02	30	
Surr Trifluorotoluene	35.16	1 0	30	0	117	73-130	34 61	1 6	30	

The following samples were analyzed in this batch:

0811524-10A	0811524-13A	0811524-15A
0811524-22A	0811524-32A	0811524-36A
0811524-38A		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID **R70670** Instrument ID **BTEX1** Method **SW8021B**

MBLK	Sample ID MEOHW2-112608-R70670				Units: µg/L		Analysis Date: 11/26/2008 02:53 PM			
Client ID	Run ID BTEX1_081124F				SeqNo 1548313		Prep Date		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	1.0								
Toluene	U	1.0								
Ethylbenzene	U	1.0								
Xylenes, Total	U	3.0								
Surr: 4-Bromofluorobenzene	33.89	1.0	30	0	113	77-129	0			
Surr: Trifluorotoluene	29.02	1.0	30	0	96.7	75-130	0			

MBLK	Sample ID: BBLKW2-112608-R70670				Units: µg/L		Analysis Date 11/26/2008 03:20 PM			
Client ID:	Run ID BTEX1_081124F				SeqNo: 1548314		Prep Date		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	1.0								
Toluene	U	1.0								
Ethylbenzene	U	1.0								
Xylenes, Total	U	3.0								
Surr: 4-Bromofluorobenzene	32.08	1.0	30	0	107	77-129	0			
Surr: Trifluorotoluene	33.31	1.0	30	0	111	75-130	0			

LCS	Sample ID. BLCSW2-112608-R70670					Units µg/L	Analysis Date 11/26/2008 02:26 PM			
Client ID:	Run ID. BTEX1_081124F					SeqNo 1548312	Prep Date:		DF. 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	20.12	1.0	20	0	101	77-126	0			
Toluene	20.73	1.0	20	0	104	80-124	0			
Ethylbenzene	20.37	1.0	20	0	102	76-125	0			
Xylenes, Total	61.09	3.0	60	0	102	79-124	0			
Surr: 4-Bromofluorobenzene	34.14	1.0	30	0	114	77-129	0			
Surr: Trifluorotoluene	34.05	1.0	30	0	113	75-130	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID R70670 Instrument ID BTEX1 Method SW8021B

MS	Sample ID	0811537-07AMS				Units	µg/L				Analysis Date	11/26/2008 04:14 PM		
Client ID	Run ID				BTEX1_081124F		SeqNo		1548316		Prep Date		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				
Benzene	22.24	1.0	20	0	111	77-126	0							
Toluene	22.86	1.0	20	0	114	80-124	0							
Ethylbenzene	21.96	1.0	20	0	110	76-125	0							
Xylenes, Total	61.4	3.0	60	0	102	79-124	0							
Surr 4-Bromofluorobenzene	32.07	1.0	30	0	107	77-129	0							
Surr Trifluorotoluene	35.34	1.0	30	0	118	75-130	0							

MSD	Sample ID	0811537-07AMSD				Units	µg/L					Analysis Date		11/26/2008 04:41 PM		
Client ID	Run ID				BTEX1_081124F		SeqNo.		1548317		Prep Date		DF		1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual						
Benzene	21.81	1.0	20	0	109	77-126	22.24	1.95	20							
Toluene	22.59	1.0	20	0	113	80-124	22.86	1.17	20							
Ethylbenzene	22.09	1.0	20	0	110	76-125	21.96	0.581	20							
Xylenes, Total	62.18	3.0	60	0	104	79-124	61.4	1.26	20							
Surr 4-Bromofluorobenzene	32.37	1.0	30	0	108	77-129	32.07	0.936	20							
Surr Trifluorotoluene	35.89	1.0	30	0	120	75-130	35.34	1.56	20							

The following samples were analyzed in this batch:

0811524-14A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID	R70814	Instrument ID	FID-9	Method	SW8015					
MBLK	Sample ID	GBLKS-120208-R70814	Units	mg/Kg	Analysis Date	12/2/2008 10:10 AM				
Client ID	Run ID	FID-9_081202A	SeqNo.	1551788	Prep Date	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	U	0.050								
Surr. 4-Bromofluorobenzene	0.08854	0.0050	0.1	0	88.5	70-130	0			
LCS	Sample ID:	GLCSS-120108-R70814	Units	mg/Kg	Analysis Date	12/2/2008 08:56 AM				
Client ID:	Run ID	FID-9_081202A	SeqNo.	1551784	Prep Date	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	0.897	0.050	1	0	89.7	70-130	0			
Surr. 4-Bromofluorobenzene	0.09655	0.0050	0.1	0	96.5	70-130	0			
LCSD	Sample ID:	GLCSDS-120108-R70814	Units	mg/Kg	Analysis Date	12/2/2008 09:21 AM				
Client ID:	Run ID	FID-9_081202A	SeqNo.	1551786	Prep Date:	DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	0.9179	0.050	1	0	91.8	70-130	0.897	2.3	30	
Surr. 4-Bromofluorobenzene	0.09447	0.0050	0.1	0	94.5	70-130	0.09655	2.18	30	
MS	Sample ID	0811524-14AMS	Units	mg/Kg	Analysis Date:	12/2/2008 10:59 AM				
Client ID: MW-1 6'	Run ID	FID-9_081202A	SeqNo:	1551791	Prep Date:	DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	441.1	0.50	10	400.1	411	70-130	0			SO
Surr. 4-Bromofluorobenzene	4.914	0.050	1	0	491	70-130	0			S
MSD	Sample ID:	0811524-14AMSD	Units:	mg/Kg	Analysis Date:	12/2/2008 11:24 AM				
Client ID: MW-1 6'	Run ID:	FID-9_081202A	SeqNo.	1551793	Prep Date:	DF: 10				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	284.8	0.50	10	400.1	-1150	70-130	441.1	43.1	30	SRO
Surr. 4-Bromofluorobenzene	3.5	0.050	1	0	350	70-130	4.914	33.6	30	SR

The following samples were analyzed in this batch:

0811524-14A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID R70817 Instrument ID FID-9 Method SW8015

MBLK	Sample ID: GBLKS-120108-R70817				Units: mg/Kg		Analysis Date: 12/1/2008 03:08 PM			
Client ID	Run ID: FID-9_081201A				SeqNo: 1551821		Prep Date		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	U	0.050								
Surr: 4-Bromofluorobenzene	0.08925	0.0050	0.1	0	89.2	70-130	0			

LCS	Sample ID	GLCSS-120108-R70817				Units	mg/Kg	Analysis Date			12/1/2008 01:54 PM
Client ID	Run ID				FID-9_081201A	SeqNo	1551819	Prep Date		DF 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Gasoline Range Organics	0.8319	0.050	1	0	83.2	70-130	0				
Surr. 4-Bromofluorobenzene	0.09332	0.0050	0.1	0	93.3	70-130	0				

LCSD	Sample ID	GLCSDS-120108-R70817				Units	mg/Kg	Analysis Date. 12/1/2008 02:19 PM			
Client ID.		Run ID FID-9_081201A				SeqNo	1551820	Prep Date		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Gasoline Range Organics	0.8557	0.050	1	0	85.6	70-130	0.8319	2.82	30		
Surr 4-Bromofluorobenzene	0.0913	0.0050	0.1	0	91.3	70-130	0.09332	2.18	30		

MS	Sample ID. 0811524-38AMS				Units mg/Kg		Analysis Date: 12/1/2008 04:47 PM			
Client ID SB-13 14'	Run ID. FID-9_081201A				SeqNo: 1551859		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	0.4718	0.050	1	0	47.2	70-130	0			S
Surr: 4-Bromofluorobenzene	0.08847	0.0050	0.1	0	88.5	70-130	0			

MSD	Sample ID: 0811524-38AMSD				Units: mg/Kg			Analysis Date: 12/1/2008 05:11 PM		
Client ID: SB-13 14'		Run ID: FID-9_081201A			SeqNo: 1551860		Prep Date		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	0.7298	0.050	1	0	73	70-130	0.4718	42.9	30	R
Surr: 4-Bromofluorobenzene	0.08996	0.0050	0.1	0	90	70-130	0.08847	1.67	30	

The following samples were analyzed in this batch:

0811524-10A	0811524-13A	0811524-15A
0811524-22A	0811524-32A	0811524-36A
0811524-38A		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID 33250 Instrument ID ICS3000 Method E300

MBLK Sample ID: WBLKS1-112608-33250 Units: mg/Kg Analysis Date 12/2/2008 12:32 PM

Client ID Run ID ICS3000_081202B SeqNo: 1552516 Prep Date 11/26/2008 DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	5.0								
Surr. Selenate (surr)	46.48	1.0	50	0	93	85-115	0			

LCS Sample ID: WLCSS1-112608-33250 Units: mg/Kg Analysis Date 12/2/2008 12:55 PM

Client ID Run ID ICS3000_081202B SeqNo: 1552517 Prep Date 11/26/2008 DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	200.1	5.0	200	0	100	90-110	0			
Surr. Selenate (surr)	48.41	1.0	50	0	96.8	85-115	0			

MS Sample ID: 0811524-03AMS Units: mg/Kg Analysis Date 12/2/2008 07:46 PM

Client ID: SB-5.4 Run ID ICS3000_081202B SeqNo: 1552522 Prep Date 11/26/2008 DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	302.9	5.0	99.6	213.2	90	75-125	0			
Surr. Selenate (surr)	45.68	1.0	49.8	0	91.7	80-120	0			

DUP Sample ID: 0811524-03ADUP Units: mg/Kg Analysis Date 12/2/2008 07:23 PM

Client ID: SB-5.4 Run ID ICS3000_081202B SeqNo: 1552521 Prep Date 11/26/2008 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	207.9	5.0	0	0	0	0-0	213.2	2.52	20	
Surr. Selenate (surr)	44.15	1.0	49.8	0	88.7	85-115	45.4	2.78	20	

The following samples were analyzed in this batch:

0811524-01A	0811524-02A	0811524-03A
0811524-04A	0811524-05A	0811524-06A
0811524-07A	0811524-08A	0811524-09A
0811524-10A	0811524-11A	0811524-12A
0811524-13A	0811524-14A	0811524-15A
0811524-16A	0811524-17A	0811524-18A
0811524-19A	0811524-20A	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID: 33251 Instrument ID: ICS3000 Method: E300

MBLK	Sample ID WBLKS2-112608-33251				Units mg/Kg		Analysis Date. 12/3/2008 05:54 PM			
Client ID	Run ID ICS3000_081203C				SeqNo 1553189		Prep Date 11/26/2008		DF 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	5.0								
Surr. Selenate (surr)	46.74	1.0	50	0	93.5	85-115	0			

LCS	Sample ID: WLCSS2-112608-33251				Units: mg/Kg		Analysis Date: 12/3/2008 06:17 PM			
Client ID	Run ID: ICS3000_081203C				SeqNo: 1553190		Prep Date: 11/26/2008		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	201.6	5.0	200	0	101	90-110	0			
Surr. Selenate (surr)	48.77	1.0	50	0	97.5	85-115	0			

MS				Sample ID 0811524-21AMS		Units mg/Kg		Analysis Date 12/3/2008 07:28 PM		
Client ID: SB-8 4'				Run ID: ICS3000_081203C		SeqNo 1553193		Prep Date 11/26/2008		DF 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	708.3	5.0	99.6	618.3	90.4	75-125	0			EO
Surr: Selenate (surr)	46.91	1.0	49.8	0	94.2	80-120	0			

DUP	Sample ID: 0811524-21ADUP				Units: mg/Kg		Analysis Date 12/3/2008 07:04 PM			
Client ID: SB-8 4'	Run ID ICS3000_081203C				SeqNo: 1553192		Prep Date 11/26/2008		DF 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	618.5	5.0	0	0	0	0-0	618.3	0.0403	20	E
Surr. Selenate (surr)	46.74	1.0	49.8	0	93.9	85-115	46.66	0.171	20	

The following samples were analyzed in this batch:

0811524-21A	0811524-22A	0811524-23A
0811524-24A	0811524-25A	0811524-26A
0811524-27A	0811524-28A	0811524-29A
0811524-30A	0811524-31A	0811524-32A
0811524-33A	0811524-34A	0811524-35A
0811524-36A	0811524-37A	0811524-38A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID **R70682** Instrument ID **ICS3000** Method **E300**

MBLK	Sample ID WBLKW1-112608-R70682				Units mg/L		Analysis Date 11/26/2008 08:45 PM			
Client ID.	Run ID ICS3000_081126B				SeqNo 1548776		Prep Date		DF. 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	U	0.50								
Surr. Selenate (surr)	4.595	0.10	5	0	91.9	85-115	0			

LCS	Sample ID: WLCSW1-112608-R70682					Units mg/L	Analysis Date 11/26/2008 09:08 PM			
Client ID:	Run ID: ICS3000_081126B					SeqNo 1548777	Prep Date		DF. 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.01	0.50	20	0	100	90-110	0			
Surr Selenate (surr)	4.916	0.10	5	0	98.3	85-115	0			

MS	Sample ID 0811539-13AMS				Units: mg/L		Analysis Date 11/27/2008 04:32 AM			
Client ID	Run ID ICS3000_081126B				SeqNo 1548801		Prep Date		DF 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	3466	0.50	10	3521	-545	80-120	0			SEO
Surr. Selenate (surr)	4.586	0.10	5	0	91.7	85-115	0			

DUP	Sample ID 0811539-13ADUP					Units mg/L	Analysis Date 11/27/2008 04:09 AM			
Client ID:	Run ID: ICS3000_081126B				SeqNo 1548800	Prep Date:			DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	3521	0.50	0	0	0	0-0	3521	0.0149	20	E
Surr Selenate (surr)	4.67	0.10	5	0	93.4	85-115	4.591	1.71	20	

The following samples were analyzed in this batch: 0811524-39A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID R70740 Instrument ID Balance1 Method E160.3

DUP Sample ID 0811524-21ADUP Units wt% Analysis Date 12/1/2008 02:00 PM

Client ID SB-8 4' Run ID: BALANCE1_081201D SeqNo 1550365 Prep Date DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	17.61	0.010	0	0	0	0-0	17.51	0.558	20	

DUP Sample ID: 0811572-29ADUP Units wt% Analysis Date 12/1/2008 02:00 PM

Client ID Run ID: BALANCE1_081201D SeqNo 1550386 Prep Date DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	19.85	0.010	0	0	0	0-0	20.4	2.77	20	

The following samples were analyzed in this batch:

0811524-21A	0811524-22A	0811524-23A
0811524-24A	0811524-25A	0811524-26A
0811524-27A	0811524-28A	0811524-29A
0811524-30A	0811524-31A	0811524-32A
0811524-33A	0811524-34A	0811524-35A
0811524-36A	0811524-37A	0811524-38A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0811524
 Project: Harroun 15 #15

QC BATCH REPORT

Batch ID **R70750** Instrument ID **Balance1** Method: **E160.3**

DUP Sample ID **0811524-01ADUP** Units: **wt%** Analysis Date **12/1/2008 01:00 PM**
 Client ID **SB-4 6'** Run ID **BALANCE1_081201H** SeqNo **1550599** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	18.19	0.010	0	0	0	0-0	18.22	0.152	20	

DUP Sample ID: **0811524-20ADUP** Units: **wt%** Analysis Date: **12/1/2008 01:00 PM**
 Client ID **SB-3 14'** Run ID **BALANCE1_081201H** SeqNo **1550621** Prep Date DF **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Percent Moisture	20.01	0.010	0	0	0	0-0	20.92	4.43	20	

The following samples were analyzed in this batch:

0811524-01A	0811524-02A	0811524-03A
0811524-04A	0811524-05A	0811524-06A
0811524-07A	0811524-08A	0811524-09A
0811524-10A	0811524-11A	0811524-12A
0811524-13A	0811524-14A	0811524-15A
0811524-16A	0811524-17A	0811524-18A
0811524-19A	0811524-20A	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



☐ **ALS Laboratory Group**
 10450 Standcliff Rd., Suite 210
 Houston, Texas 77099
 Tel. +1 281 530 5656
 Fax. +1 281 530 5887

Chain of Custody Form

Page ____ of ____

☐ **ALS Laboratory Group**
 3352 128th Ave.
 Holland, MI 49424-9263
 Tel: +1 616 399 6070
 Fax: +1 616 399 6185

Customer Information		Project Information		ALS Project Manager: _____ ALS Work Order #: 1811524																
Parameter/Method Request for Analysis																				
Purchase Order		Project Name		A	Antens (300) Cl ⁻ CHLORIDES															
Work Order		Project Number		B	TDS DTEX 8021B															
Company Name	Talon/LPE	Bill To Company	Talon/LPE	C	Moisture TPH 8015 ASD 1A20															
Send Report To	J.T. Murrey	Invoice Attn	J.T. Murrey	D																
Address	2901 S. State Highway 349	Address	2901 S. State Highway 349	E																
City/State/Zip	Midland, TX 79706	City/State/Zip	Midland, TX 79706	F																
Phone	(903) 718-0505	Phone	(903) 718-0505	G																
Fax		Fax		H																
e-Mail Address		e-Mail Address		I																
J																				
K																				
L																				
M																				
N																				
O																				
P																				
Q																				
R																				
S																				
T																				
U																				
V																				
W																				
X																				
Y																				
Z																				
AA																				
AB																				
AC																				
AD																				
AE																				
AF																				
AG																				
AH																				
AI																				
AJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				
BH																				
BI																				
BJ																				
AK																				
AL																				
AM																				
AN																				
AO																				
AP																				
AQ																				
AR																				
AS																				
AT																				
AU																				
AV																				
AW																				
AX																				
AY																				
AZ																				
BA																				
BB																				
BC																				
BD																				
BE																				
BF																				
BG																				



☐ **ALS Laboratory Group**

10450 Stancilff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page ____ of ____

☐ **ALS Laboratory Group**

3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

Customer Information				Project Information				Parameter/Method Request for Analysis											
Purchase Order		Project Name		A	Anions (300) Cl- CHLORIDES														
Work Order		Project Number		B	FDS- BTEX 80213														
Company Name	Talon/LPE	Bill to Company	Talon/LPE	C	Moisture TPH 8015 CRO/PRO														
Send Report to	J.T. Murrey	Invoice Attn	J.T. Murrey	D															
Address	2901 S. State Highway 349	Address	2901 S. State Highway 349	E															
City/State/Zip	Midland, TX 79706	City/State/Zip	Midland, TX 79706	F															
Phone	(803) 718-0505	Phone	(903) 718-0505	G															
Fax		Fax		H															
E-Mail Address		E-Mail Address		I															
				J															
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold		
1	SB-1 4'	11/18	2:12	Soil	ICE	1	X												
2	SB-1 10'	11/18	2:20	Soil	ICE	1	X												
3	SB-1 16'	11/18	2:30	Soil	ICE	1	X	X	X										
4	MW-1 6'	11/18	2:56	Soil	ICE	1	X	X	X										
5	MW-1 12'	11/18	3:03	Soil	ICE	1	X	X	X										
6	SB-2 2'	11/18	3:14	Soil	ICE	1	X												
7	SB-2 10'	11/18	3:25	Soil	ICE	1	X												
8	SB-2 16'	11/18	3:36	Soil	ICE	1	X												
9	SB-3 4'	11/18	3:46	Soil	ICE	1	X												
10	SB-3 14'	11/18	4:03	Soil	ICE	1	X												
Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)				Results Due Date:											
E.B. Tenylo				☒ Std 10 WK Days ☐ 5 WK Days ☐ Other				☐ 2 WK Days ☒ 24 Hour											
Relinquished by:		Date:	Time:	Received by:		Notes: 10 Work Days TAT.													
E.B. Tenylo		11/24/08	3:00	Received by (Laboratory):		Cooler ID: Cooler Temp: QC Package: (Check One Box Below)													
Relinquished by:		Date:	Time:	Checked by (Laboratory):		☐ Level II Std QC ☒ TRRP Checklist													
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):		☐ Level III Std QC/Row Data ☐ TRRP Level IV													
Preservative Key:		☐ Level IV SW346/CLP																	
1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O8 6-NaHSO4 7-Other 8-4°C 9-5035		☐ Other																	

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.

Copyright 2008 by ALS Laboratory Group.



☐ **ALS Laboratory Group**

10450 Standliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page ____ of ____

☐ **ALS Laboratory Group**

3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

Customer Information				Project Information				Parameter/Method Request for Analysis											
Purchase Order		Project Name		A	Anions (300) Cl- CHLORIDES														
Work Order		Project Number		B	TBS BTEX 80213														
Company Name	Talon/LPE	Bill To Company	Talon/LPE	C	Moisture TPH 8015 CR01/DE0														
Send Report To	J.T. Murrey	Invoice Attn	J.T. Murrey	D															
Address	2801 S. State Highway 349	Address	2801 S. State Highway 349	E															
City/State/Zip	Midland, TX 79706	City/State/Zip	Midland, TX 79706	F															
Phone	(903) 718-0505	Phone	(903) 718-0505	G															
Fax		Fax		H															
e-Mail Address		e-Mail Address		I															
No.	Sample Description	Date	Time	Matrix	Pres	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold		
1	SB-8 4'	11/19	7:46	SOIL	ILE	1	X												
2	SB-8 10'	11/19	7:55	SOIL	ILE	1	X	X	X										
3	SB-8 16'	11/19	8:01	SOIL	ILE	1	X												
4	SB-9 4'	11/19	8:10	SOIL	ILE	1	X												
5	SB-9 10'	11/19	8:24	SOIL	ILE	1	X												
6	SB-9 16'	11/19	8:30	SOIL	ILE	1	X												
7	SB-10 2'	11/19	9:10	SOIL	ILE	1	X												
8	SB-10 10'	11/19	9:18	SOIL	ILE	1	X												
9	SB-10 16'	11/19	9:23	SOIL	ILE	1	X												
10	SB-11 6'	11/19	9:36	SOIL	ILE	1	X												
Sampler(s) Please Print & Sign				Shipment Method				Required Turnaround Time (Check Box)				Results Due Date:							
[Signature]								☒ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour											
Relinquished by:		Date:	Time:	Received by:		Notes:		10 Work Days TAT.											
[Signature]		11/24/08	3:00	[Signature]		11/25/08													
Relinquished by:		Date:	Time:	Received by:		Notes:													
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):		Notes:													
Preservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₃ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																			

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.

Copyright 2008 by ALS Laboratory Group.



☐ **ALS Laboratory Group**

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5856
Fax. +1 281 530 5887

Chain of Custody Form

Page _____ of _____

☐ **ALS Laboratory Group**

3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

Customer Information		Project Information		Parameter/Method Request for Analysis																			
Purchase Order		Project Name		A	Anions (300) or CHLORIDES																		
Work Order		Project Number		B	TDS																		
Company Name	Talon/LPE	Bill To Company	Talon/LPE	C	Moisture																		
Send Report To	J.T. Murrey	Invoice Attn	J.T. Murrey	D																			
Address	2801 S. State Highway 349	Address	2801 S. State Highway 349	E																			
City/State/Zip	Midland, TX 79706	City/State/Zip	Midland, TX 79706	F																			
Phone	(803) 718-0505	Phone	(803) 718-0505	G																			
Fax		Fax		H																			
e-Mail Address		e-Mail Address		I																			
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Hold
1	SB-11 12'	11/19	9:41	SOIL	ILE	1	X																
2	SB-11 16'	11/19	9:43	SOIL	ILE	1	X	X	X														
3	SB-12 21'	11/19	9:48	SOIL	ILE	1	X																
4	SB-12 6'	11/19	9:52	SOIL	ILE	1	X																
5	SB-12 16'	11/19	10:02	SOIL	ILE	1	X																
6	SB-13 4'	11/19	10:08	SOIL	ILE	1	X	X	X														
7	SB-13 6'	11/19	10:12	SOIL	ILE	1	X																
8	SB-13 14'	11/19	10:19	SOIL	ILE	1	X	X	X														
9	RIVER	11/24	8:00	WATER	ILE	1																	
Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time: (Check Box)								Results Due Date:											
E. Taylor				☒ Std 10 WK Days ☐ 5 WK Days ☐ Other ☐ 2 WK Days ☐ 24 Hour																			
Relinquished by:		Date:	Time:	Received by:		Notes:																	
E. Taylor		11/24/08	3:00	[Signature]		10 Work Days TAT.																	
Relinquished by:		Date:	Time:	Received by (Laboratory):		Cooler ID #		Cooler Temp		QC Package: (Check One Box Below)													
				[Signature]						☐ Level II Std QC ☒ TRRP Checklist													
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):		☐ Level III Std QC/Row Data ☐ TRRP Level IV																	
						☐ Level IV SW846/CLP																	
Preservative Key:		☐ Other																					
		1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₈ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																					

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.

Copyright 2008 by ALS Laboratory Group.

Lora Terrill

From: J.T. Murrey [jmurrey@talonlpe.com]
Sent: Wednesday, November 26, 2008 8:52 AM
To: Lora Terrill
Subject: Re: 0811524 Baptist Foundation Ack

1. Should be SB-5 16'
2. Chlorides

Thanks
J.T. Murrey
Talon/LPE
Cell: 903-718-0505
Emergency: 866-742-0742

Sent from my BlackBerry® wireless handheld

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

----- Original Message -----

From: Lora Terrill <Lora.Terrill@ALSEnviro.com>
To: J.T. Murrey
Sent: Wed Nov 26 08:48:32 2008
Subject: 0811524 Baptist Foundation Ack

Hi J.T.

2 things for this sample receipt.

1. Sample SB-5 6' on COC, Bottle says SB-5 16'. We assigned per the COC.
2. The River sample has no tests requested.

Let me know on these and I'll change whatever we need.

Thanks, and have a good Thanksgiving.

Lora Terrill
Director of Operations - Houston
ALS Laboratory Group
10450 Stancliff Rd, Suite 210
Houston, TX 77099
Phone: 281-530-5656
Fax: 281-530-3053

www.alsglobal.com <<http://www.alsglobal.com/>
<<https://emailna.alsglobal.com/exchweb/bin/redir.asp?URL=http://www.alsglobal.com/>> > This transmittal and/or attachment (the "Communication") is confidential to ALS Laboratory Group and may also be a confidential attorney-client communication or may otherwise be privileged. If you are not the intended recipient, you are hereby notified that you have received this Communication in error and any dissemination, distribution or copying of

ALS Laboratory Group

Sample Receipt Checklist

Client Name: TALON/LPE

Date/Time Received: 11/25/2008 09:00

Work Order Number 0811524

Received by: RNG

Checklist completed by

[Signature]
Signature

11/25/08
Date

Reviewed by

LT 11/26/08
Initials Date

Matrix soils/water

Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☒	No	Not Present
Custody seals intact on shipping container/cooler?	Yes ☒	No	Not Present
Custody seals intact on sample bottles?	Yes ☒	No	Not Present ☒
Chain of custody present?	Yes ☒	No	
Chain of custody signed when relinquished and received?	Yes ☒	No	
Chain of custody agrees with sample labels?	Yes ☒	No	
Samples in proper container/bottle?	Yes ☒	No	
Sample containers intact?	Yes ☒	No	
Sufficient sample volume for indicated test?	Yes ☒	No	
All samples received within holding time?	Yes ☒	No	
Container/Temp Blank temperature in compliance?	Yes ☒	No	
Temperature(s)/Thermometer(s):	<u>2.9c</u>	<u>002</u>	
Cooler(s)/Kil(s):	<u>2386</u>		
Water - VOA vials have zero headspace?	Yes ☒	No	No VOA vials submitted ☒
Water - pH acceptable upon receipt?	Yes ☒	No	N/A

Adjusted?

Checked by

Login Notes: Sample #4 id on COC doesn't match id on sample bottle. COC ID= SB-5 6' & Bottle ID= SB-5 16'. Logged in per COC.

Client contacted:

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

0811524

This portion can be removed for recipient's records

Date: 11/25/08 FedEx Tracking Number: 865897770113

Sender's Name: EB TAYLOR Phone: 409 588 5331

Company: TALON PIPE

Address: 318 E TAYLOR

City: HOUSTON State: TX ZIP: 77002

Our Internal Billing Reference: _____



ALS Laboratory Group
 10450 Stancil Rd., Suite 210
 Houston, Texas 77099
 Tel. +1 281 530 5656
 Fax. +1 281 530 5887

Date: 11/25/08
 Name: EB TAYLOR
 Company: TALON PIPE

CUSTODY SEAL

Date: 11/24/08 Time: 3:10
 Name: EB TAYLOR
 Company: TALON PIPE

Seal Broken By: ATG
 Date: 11/25/08

ALS Laboratory Group

ANALYTICAL CHEMISTRY & TESTING SERVICES



Environmental Division

18-Dec-08

J.T. Murrey
Talon/LPE
2901 S. State Highway 349
Midland, TX 79706

Tel: (903) 718-0505
Fax:

Re: Harroun 15 15

Work Order . 0812195

Dear J.T.,

ALS Laboratory Group received 1 sample on 12/9/2008 10:20 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 8.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by Glenda H Ramos

Lora Terrill
VP Lab Operations



Certificate No: T104704231-08-TX

ALS Group USA, Corp.

Part of the **ALS Laboratory Group**

10450 Standcliff Rd, Suite 210 Houston, Texas 77099-4338

Phone: (281) 530-5656 Fax: (281) 530-5887

www.alsglobal.com www.elabi.com

A Campbell Brothers Limited Company

ALS Laboratory Group

Date: 18-Dec-08

Client: Talon/LPE
Project: Harroun 15 15
Work Order: 0812195

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0812195-01	MW-1	Water		12/5/2008 11:00	12/9/2008 10:20	☐

ALS Laboratory Group

Date: 18-Dec-08

Client: Talon/LPE
Project: Harroun 15 15
Sample ID: MW-1
Collection Date: 12/5/2008 11:00 AM

Work Order: 0812195
Lab ID: 0812195-01
Matrix: WATER

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS			Method E300				Analyst KKP
Chloride	5,440		200	500	mg/L	1000	12/16/2008
Surr: Selenate (surr)	95.3			85-115	%REC	1000	12/16/2008
TOTAL DISSOLVED SOLIDS			Method M2540C				Analyst TDW
Total Dissolved Solids (Residue, Filterable)	14,900		5.0	10.0	mg/L	1	12/10/2008

Qualifiers:
U - Analyzed for but Not Detected
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
a - Not accredited

S - Spike Recovery outside accepted recovery limits
P - Dual Column results RPD > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time
n - Not offered for accreditation

ALS Laboratory Group

Client: Talon/LPE
Work Order: 0812195
Project: Harroun 15 15

Date: 18-Dec-08

QC BATCH REPORT

Batch ID R71101 Instrument ID Balance1 Method M2540C

MBLK Sample ID BLANK-R71101 Units: mg/L Analysis Date: 12/10/2008 03:00 PM
Client ID: Run ID: BALANCE1_081210E SeqNo: 1557105 Prep Date: DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filt	U	10								

LCS Sample ID LCS-R71101 Units: mg/L Analysis Date: 12/10/2008 03:00 PM
Client ID: Run ID: BALANCE1_081210E SeqNo: 1557106 Prep Date: DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filt	916	10	1000	0	91.6	85-115	0			

DUP Sample ID 0812181-01EDUP Units: mg/L Analysis Date: 12/10/2008 03:00 PM
Client ID: Run ID: BALANCE1_081210E SeqNo: 1557092 Prep Date: DF 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Filt	314	10	0	0	0	0-0	282	10.7	20	

The following samples were analyzed in this batch:

0812195-01A

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Talon/LPE
 Work Order: 0812195
 Project: Harroun 15 15

QC BATCH REPORT

Batch ID **R71315** Instrument ID **ICS3000** Method **E300**

MBLK Sample ID **WBLKW1-121608-R71315** Units **mg/L** Analysis Date **12/16/2008 06:37 PM**

Client ID: Run ID **ICS3000_081216A** SeqNo: **1561472** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	0.468	0.50								J
Surr: Selenate (surr)	4.757	0.10	5	0	95.1	85-115	0			

LCS Sample ID: **WLCSW1-121608-R71315** Units: **mg/L** Analysis Date: **12/16/2008 07:00 PM**

Client ID: Run ID **ICS3000_081216A** SeqNo: **1561474** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.46	0.50	20	0	102	90-110	0			
Surr: Selenate (surr)	4.916	0.10	5	0	98.3	85-115	0			

MS Sample ID: **0812181-04EMS** Units: **mg/L** Analysis Date: **12/16/2008 01:49 PM**

Client ID: Run ID **ICS3000_081216A** SeqNo: **1561459** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	10.35	0.50	10	0.394	99.5	80-120	0			
Surr: Selenate (surr)	4.47	0.10	5	0	89.4	85-115	0			

DUP Sample ID: **0812181-04EDUP** Units: **mg/L** Analysis Date: **12/16/2008 01:26 PM**

Client ID: Run ID **ICS3000_081216A** SeqNo: **1561458** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	0.309	0.50	0	0	0	0-0	0.394	0	20	J
Surr: Selenate (surr)	4.708	0.10	5	0	94.2	85-115	4.765	1.2	20	

The following samples were analyzed in this batch:

0812195-01B

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



☐ **ALS Laboratory Group**

10450 Stancil Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page 1 of 1

☐ **ALS Laboratory Group**

3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

Customer Information		Project Information		Parameter/Method Request for Analysis																
Purchase Order		Project Name	HARTOUN 15 15	A	Anions (300) Cl															
Work Order		Project Number	GIENSP 005 SPL	B	TDS															
Company Name	Talon/LPE	Bill To Company	Talon/LPE	C	Moisture															
Send Report To	J.T. Murrey	Invoice Attn	J.T. Murrey	D																
	2901 S. State Highway 349		2901 S. State Highway 349	E																
Address		Address		F																
City/State/Zip	Midland, TX 79706	City/State/Zip	Midland, TX 79706	G																
Phone	(903) 718-0505	Phone	(903) 718-0505	H																
Fax		Fax		I																
e-Mail Address		e-Mail Address		J																
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold			
1	mw-1	12/15/08	11:00	WATER	ICE	2	X	X												
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
Sampler(s) Please Print & Sign		Shipment Method		Required Turnaround Time (Check Box)				Results Due Date:												
E.B. Tennyson		Fed Ex		☒ Std. 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour																
Relinquished by:		Date:	Time:	Received by:		Notes: 10 Work Days TAT.														
E.B. Tennyson		12/8/08	9:00	K. Espinoza																
Relinquished by:		Date:	Time:	Received by (Laboratory):		Cooler ID	Cooler Temp	QC Package: (Check One Box Below)												
K. Espinoza		12/9/08	10:20	K. Espinoza				☐ Level II Std QC	☒ TRRP Checklist											
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):		☐ Level III Std QC/Risw Data ☐ TRRP Level IV														
						☐ Level IV SW846/CLP														
Preservative Key:		☐ Other																		
1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4°C 9-5035																				

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.

2. Unless otherwise agreed in a formal contract, services provided by ALS Laboratory Group are expressly limited to the terms and conditions stated on the reverse.

Copyright 2008 by ALS Laboratory Group.

ALS Laboratory Group

Sample Receipt Checklist

Client Name: TALON/LPE

Date/Time Received: 12/9/2008 10:20

Work Order Number 0812185

Received by: RSZ

Checklist completed by

[Signature] 12.9.08
Signature Date

Reviewed by

LT 12/10/08
Initials Date

Matrix: water

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes ☒	No	Not Present
Custody seals intact on shipping container/cooler?	Yes ☒	No	Not Present
Custody seals intact on sample bottles?	Yes ☒	No	Not Present ☒
Chain of custody present?	Yes ☒	No	
Chain of custody signed when relinquished and received?	Yes ☒	No	
Chain of custody agrees with sample labels?	Yes ☒	No	
Samples in proper container/bottle?	Yes ☒	No	
Sample containers intact?	Yes ☒	No	
Sufficient sample volume for indicated test?	Yes ☒	No	
All samples received within holding time?	Yes ☒	No	
Container/Temp Blank temperature in compliance?	Yes ☒	No	
Temperature(s)/Thermometer(s):	<u>3.3c</u>	<u>002</u>	
Cooler(s)/Kit(s):	<u>468</u>		
Water - VOA vials have zero headspace?	Yes ☒	No	No VOA vials submitted
Water - pH acceptable upon receipt?	Yes ☒	No	N/A ☒

Adjusted?

Checked by

Login Notes.

Client contacted:

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

5612180

[illegible]



New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson
Governor

Joanna Prukop
Cabinet Secretary
Reese Fullerton
Deputy Cabinet Secretary

Mark Fesmire
Division Director
Oil Conservation Division



January 26, 2009

OXY USA, Inc
PO Box 1988
Carlsbad, NM 88221-1988

Reference: Harroun 15 015 30-015-33317
E-15-24S-29E Eddy County, New Mexico
2RP-256

Operator,

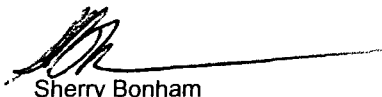
The New Mexico Oil Conservation Division District 2 Office (OCD) is in receipt of a remediation work plan (plan) for remediation of a release occurring at the above referenced facility.

The plan is accepted with the following stipulations:

- Notify the OCD 48 hours prior to commencement of remediation activities.
- Notify the OCD 48 hours prior to obtaining samples where analyses are to be submitted to the OCD. Notification is to include the date and time of the sample event(s).
- Remediation requirements may be subject to change as site conditions warrant.
- Results of analytical data obtained through sampling shall be forwarded to OCD for approval **prior** to any backfilling activities.
- A final Report C-141 is to be submitted to the OCD upon satisfactory completion of remediation project.
- Remediation to be completed on or before March 20, 2009.

Please be advised that NMOCD acceptance of this plan does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of this plan does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

Respectfully,



Sherry Bonham
NMOCD District 2
1301 W Grand Avenue
Artesia, NM 88210
575.748.1283 ext. 109
sherry.bonham@state.nm.us

