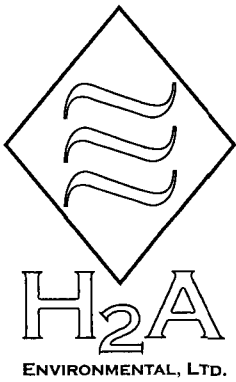


GW - 350

**MONITORING
REPORT**

03/28/2008



www.h2altd.com

430 N. CARROLL AVE.
SUITE 120
SOUTHLAKE, TX
76092
817.251.9466
817.251.9224 FAX

GW 350

March 28, 2008

Mr. Glenn Von Gonten
Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: 2007 Annual Report
Shell Pipeline Company LP
Jal Basin Station (GW-350)
Jal, New Mexico

Section 5, Township 26 South, Range 37 East
Section 32, Township 25 South, Range 37 East

H₂A Job No. 106.001

Dear Mr. Von Gonten:

Transmitted with this letter is the annual report for 2007 on behalf of Shell Pipeline Company LP, as required by the OCD letter dated December 18, 2001, for the above referenced site. The attached report presents the results of remediation and monitoring activities conducted during 2007 at Jal Basin Station.

Please note, the first two bullets presented in the recommendations section of the report have been completed.

If you have any questions concerning this information please feel free to contact Ken Springer at (281) 324-5921 or email at kenneth.springer@shell.com.

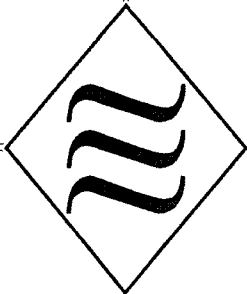
Respectfully,

J. Michael Hawthorne, P.G., REM
Principal

Attachment

cc: Mr. Kenneth Springer, Shell Oil Products US
Chris Williams, OCD Hobbs
Iain Olness, URS Corporation

GW 350



H₂A ENVIRONMENTAL, LTD.

ANNUAL 2007 GROUNDWATER MONITORING REPORT

JAL BASIN STATION
JAL, LEA COUNTY, NEW MEXICO

Prepared For:
Shell Oil Products US
Shell Pipeline Company LP

Prepared By:
H₂A Environmental, Ltd.



MARCH 2008

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 - CERTIFIED LABORATORY REPORTS
 - CHAIN-OF-CUSTODY DOCUMENTATION



H₂A ENVIRONMENTAL, LTD.

INTRODUCTION

H₂A Environmental, Ltd. (H₂A) has completed the annual groundwater monitoring for the Jal Basin Station site located south of Jal, New Mexico. Monitoring events were conducted at the site in February, May, August, and November 2007. Results of monitoring and investigation activities are summarized in the following text.

GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring activities consisted of gauging the water levels in all the monitoring wells (shown in Figure 1), then purging static water from all wells not exhibiting measurable light non-aqueous phase liquids (LNAPL). After the monitoring wells had been purged, groundwater samples were collected and submitted to a certified laboratory. Samples were collected on a quarterly basis during 2007 and analyzed for determination of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) concentrations. During the fourth quarter monitoring event samples were also analyzed for determination of Volatile Organic Compounds (VOCs), metals, Poly-Aromatic Hydrocarbons (PAHs), cyanide, nitrate, chloride, fluoride, Total Dissolved Solids (TDS) and pH.

Groundwater samples collected for BTEX (Method SW846-8021B) analysis were placed in sterile, 40 ml glass VOA vials equipped with Teflon-lined caps and HCl preservative, as provided by the analytical laboratory. The vials were filled to a positive meniscus, sealed, and visually checked for the absence of air bubbles.

Groundwater samples collected for metals analysis (Methods 6010B and 7470A) in 2007 were filtered in the field by passing the recovered groundwater through a 10-micron filter and then placed in 500 ml sterile plastic containers equipped with Teflon-lined caps and HNO₃ preservative, as provided by the analytical laboratory.

Groundwater samples collected for PAH analysis were placed in unpreserved sterile one-liter amber glass containers equipped with Teflon-lined caps.

Groundwater samples collected for VOC (Method 8021) analysis were placed in sterile, 40 ml



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glass VOA vials equipped with Teflon-lined caps and HCl preservative, as provided by the analytical laboratory. The vials were filled to a positive meniscus, sealed, and visually checked for the absence of air bubbles.

Groundwater samples collected for cyanide analysis were placed in sterile 500 ml plastic containers and preserved with NaOH.

Groundwater samples collected for nitrate, chloride, fluoride, TDS and pH analysis were placed in unpreserved sterile 500 ml plastic containers.

Filled sample containers were labeled, placed on ice in an insulated cooler, and chilled to an approximate temperature of 40°F (4°C). The cooler was sealed for transportation to the analytical laboratory. Proper chain-of-custody documentation was maintained throughout the sampling process.

GROUNDWATER MEASUREMENTS

Groundwater measurements were obtained in March, June, September, and November 2007. Groundwater contour maps illustrating groundwater elevations measured during each quarterly event are presented as Figures 2 through 5. Groundwater measurements are summarized in Table 1. Quarterly LNAPL thickness maps are presented as Figures 6 through 9. Figure 10 summarizes groundwater elevations vs. product thicknesses through time.

GROUNDWATER MONITORING RESULTS

Constituent concentrations for each quarterly event are summarized on Figures 6 through 9 and in Table 2. Copies of the certified laboratory reports and chain-of-custody documentation are presented in APPENDIX A.

PRODUCT RECOVERY ACTIVITIES

The High Vacuum Remediation (HVR) system startup was initiated on January 4, 2001. A second liquid ring pump (LRP) was added to the system in July 2002. In August of 2005 both



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LRPs and their electric motors were overhauled. There are currently two LRPs in operation at the site. Figures 11 and 12 summarize hydrocarbon recovery during 2007. The following table presents the volume of groundwater and LNAPL recovered through December 11, 2007.

Parameter	Volume Recovered (LTD gallons)	Volume Recovered (2007 gallons)
Groundwater	4,139,596	447,248
LNAPL (diesel)	55,524	315

All water recovered and treated during remediation is injected back into the formation via on-site infiltration wells, designated IW-1 and IW-2. A summary of groundwater and product recovery data is presented in Table 3.

As the diesel storage tank reaches capacity the recovered product is managed under the supervision of Shell's Centralized Residual Management Team (CRMT).

ADDITIONAL CARBON VESSEL

An additional 1000-pound carbon filter vessel was added during 2005. The filter system currently consists of a bag filter case with dual filters, one for particulates and one for oil absorbing. Following the bag filter case is a 500-pound capacity zeolite filter. The existing 500-pound carbon vessel and the 1000-pound vessel follow and polish the effluent before re-injection.

EFFLUENT SAMPLING AND RESULTS

Effluent samples are obtained, preserved, and analyzed using the same procedures outlined above for groundwater sampling. The effluent laboratory results are summarized in Table 2. Copies of the certified laboratory reports and chain-of-custody documentation are presented in APPENDIX A.

ADDITIONAL FIELD INVESTIGATION ACTIVITIES

No additional field investigation activities were conducted in 2007.



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RECOMMENDATIONS

Based on the results from the year 2007, the following recommendations were made to evaluate the overall effectiveness of the system:

- Extract from MW-2 for two weeks in maximum drawdown mode to monitor for additional LNAPL recovery;
- Collect groundwater samples from wells exhibiting measurable LNAPL and analyze for BTEX and metals to determine concentrations in the dissolved phase;
- Shutdown the system to monitor for recovery at the end of the second quarter (in conjunction with the second quarter monitoring event) to monitor for hydrocarbon recovery. The results of the third quarter monitoring event will be evaluated to determine if the recovery system needs to be turned back on and which wells to extract from.

The results of these recommendations will be summarized in the 2008 Annual Monitoring Report.

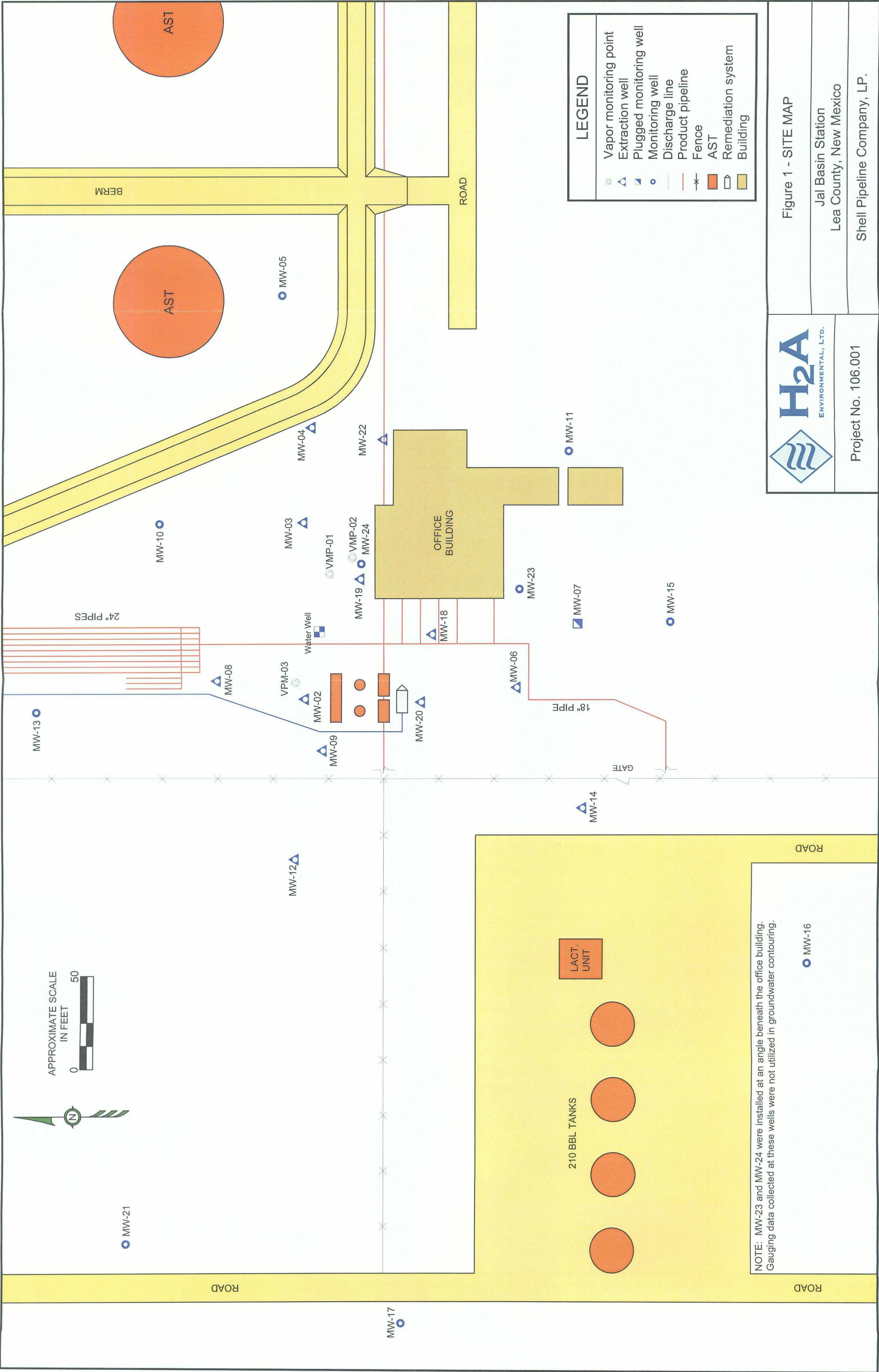
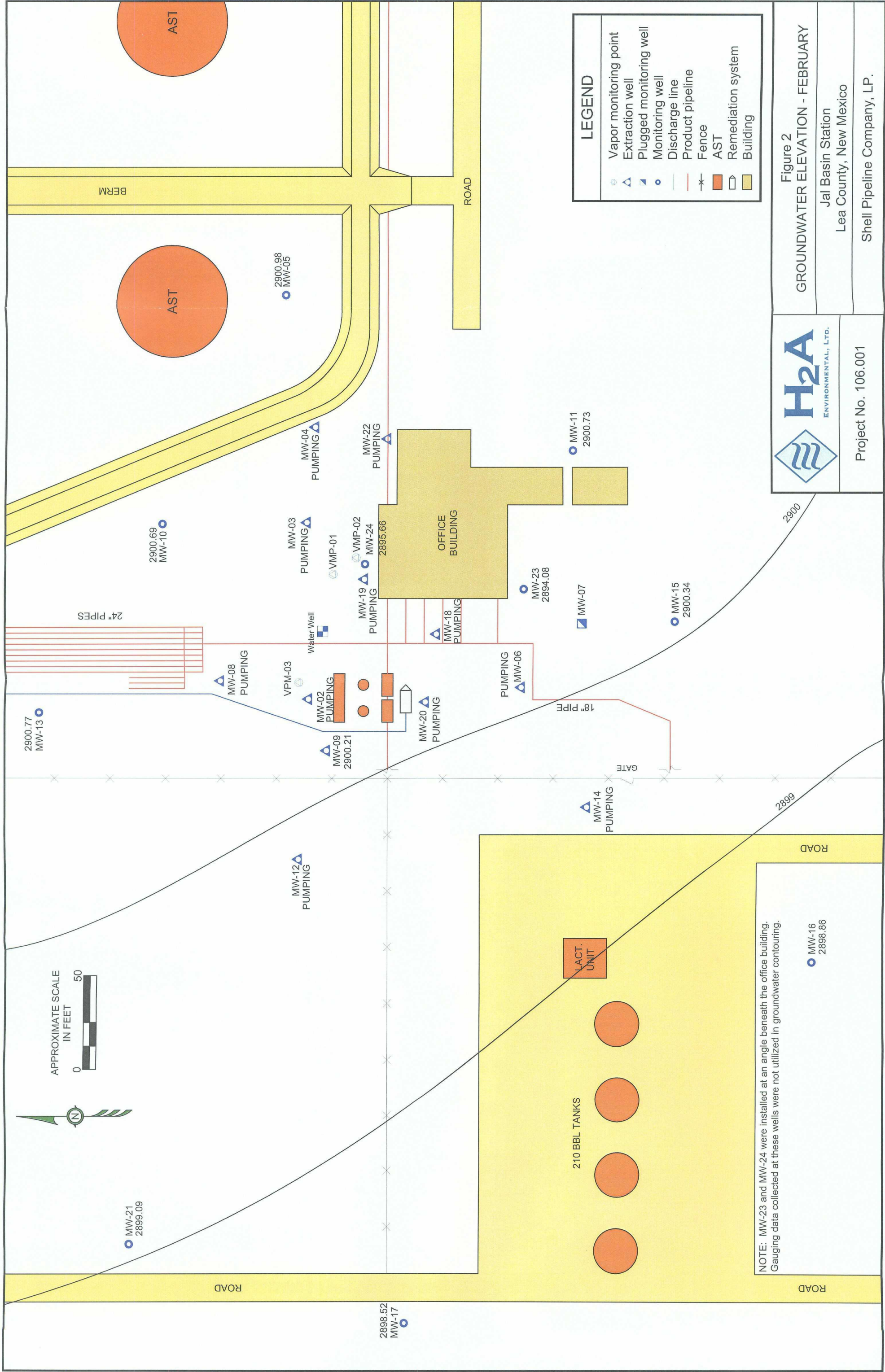


Figure 1 - SITE MAP

Jal Basin Station
Lea County, New Mexico

Project No. 106.001

Shell Pipeline Company, LP.



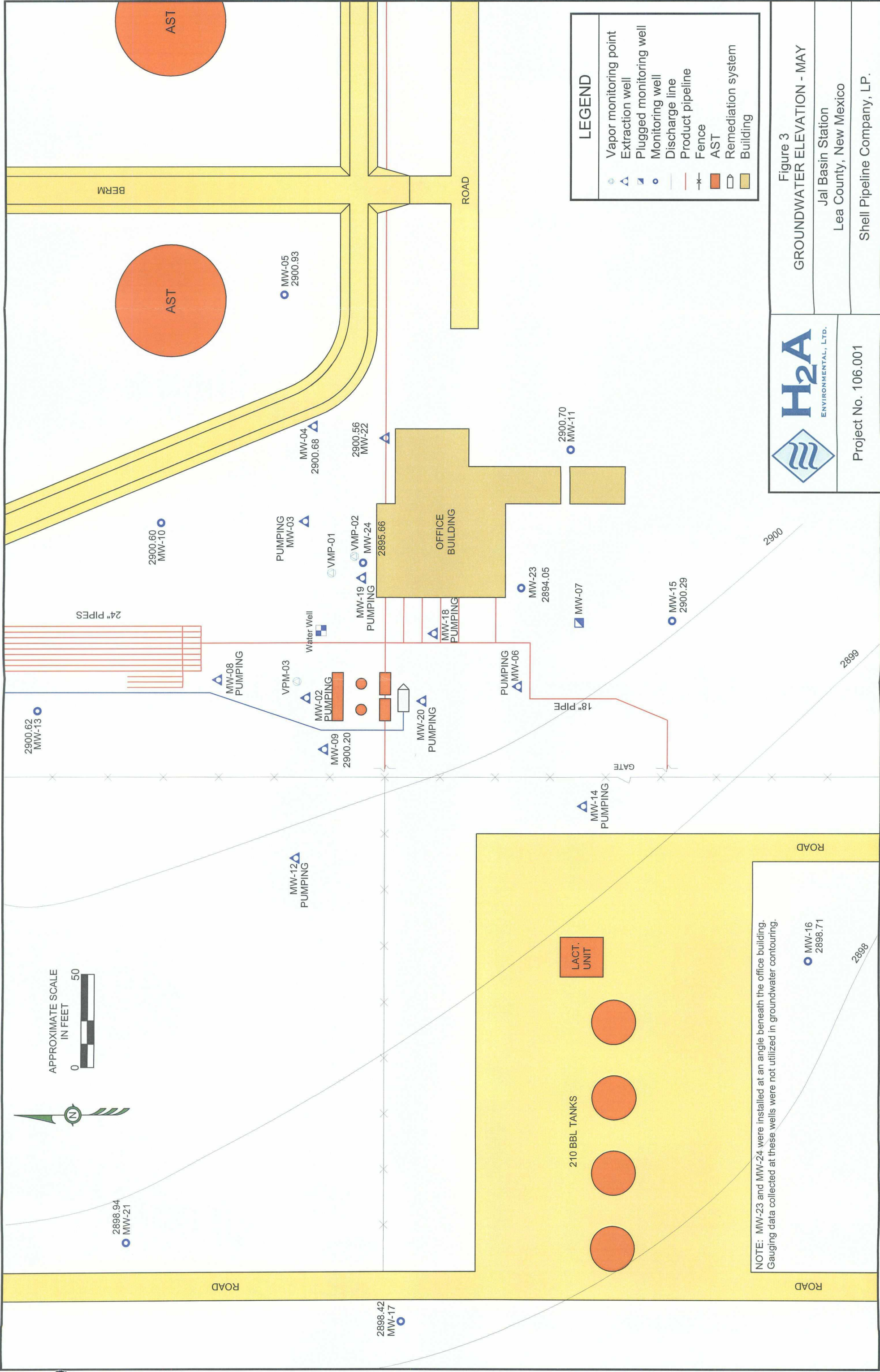
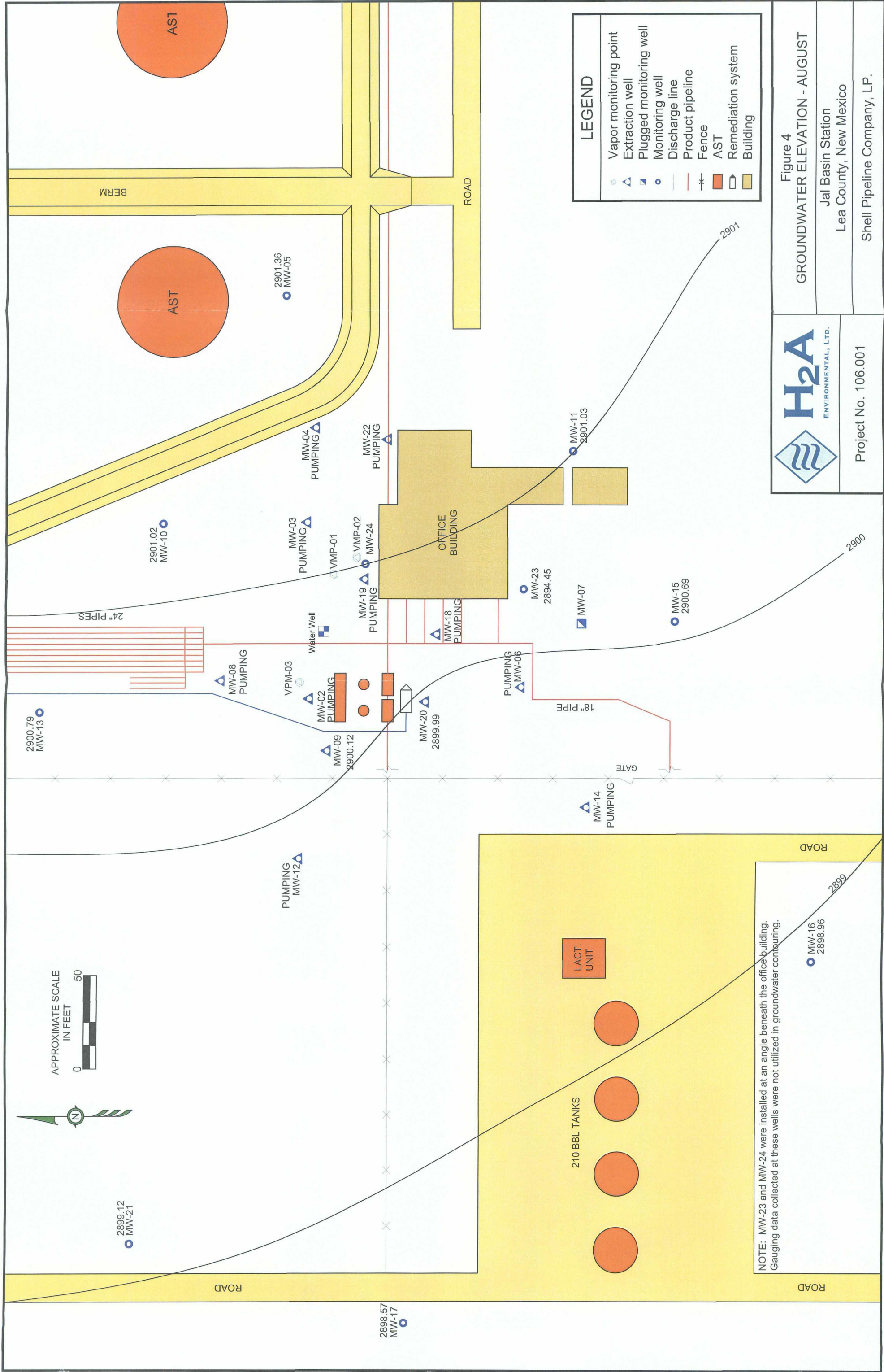


Figure 3
GROUNDWATER ELEVATION - MAY
Jal Basin Station
Lea County, New Mexico
Shell Pipeline Company, LP.

Project No. 106.001



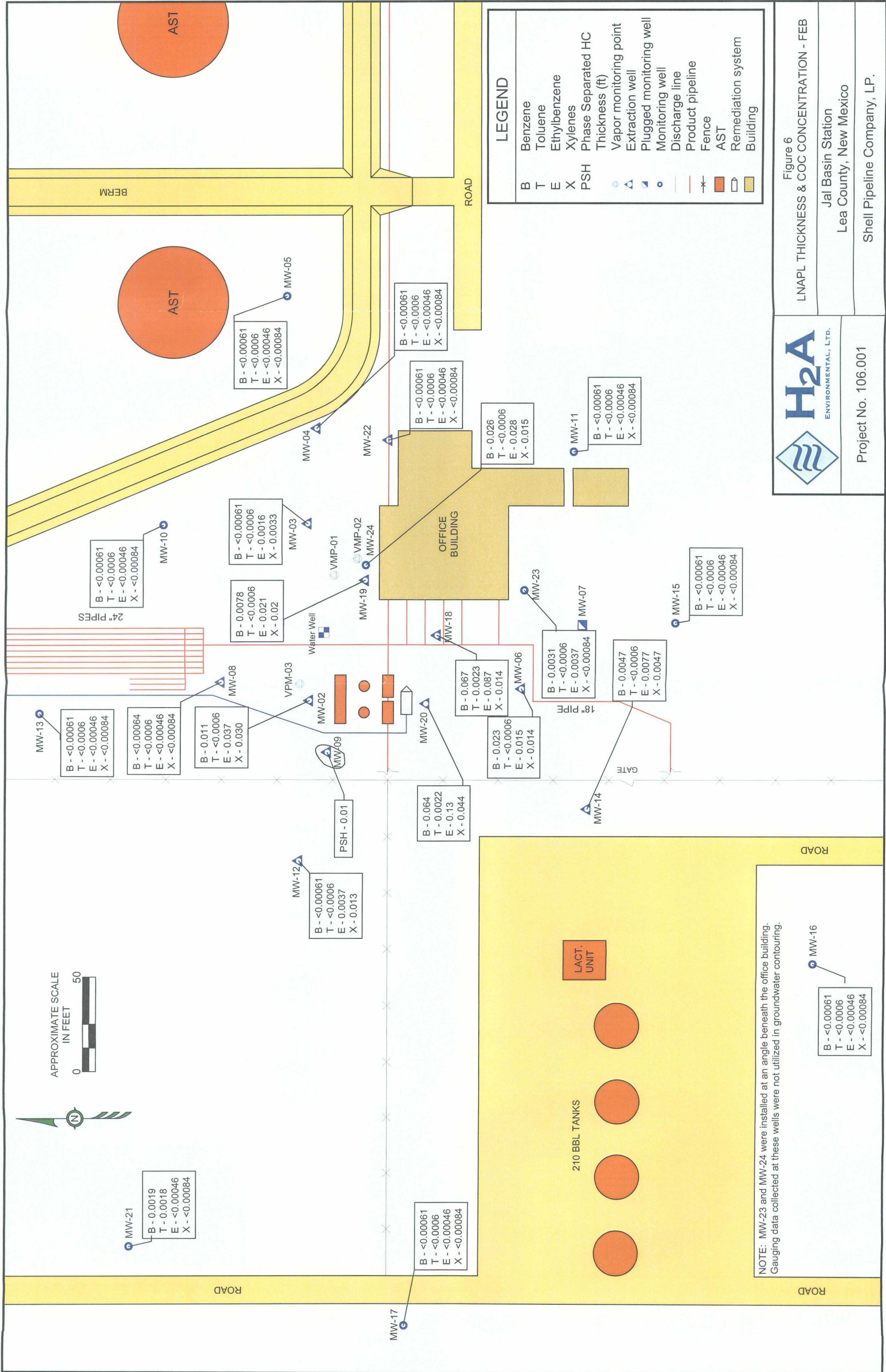


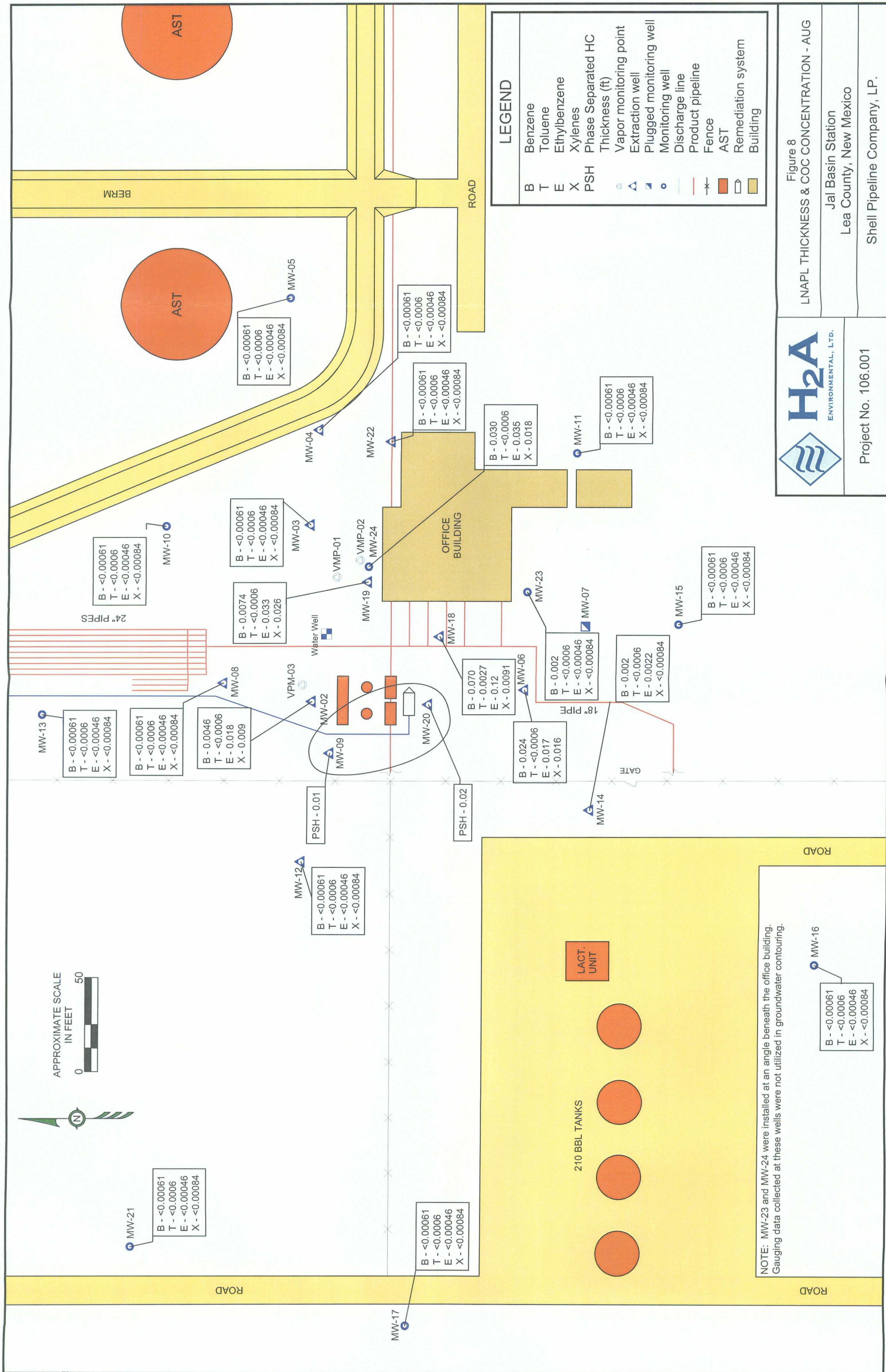
Figure 6
LNAPL THICKNESS & COC CONCENTRATION - FEB

H2A
ENVIRONMENTAL, L.T.D.

Jal Basin Station
Lea County, New Mexico

Project No. 106.001

Shell Pipeline Company, LP.





H2A
ENVIRONMENTAL, LTD.

Figure 8
LNAPL THICKNESS & COC CONCENTRATION - AUG

Jal Basin Station
Lea County, New Mexico

Project No. 106.001

Shell Pipeline Company, LP.

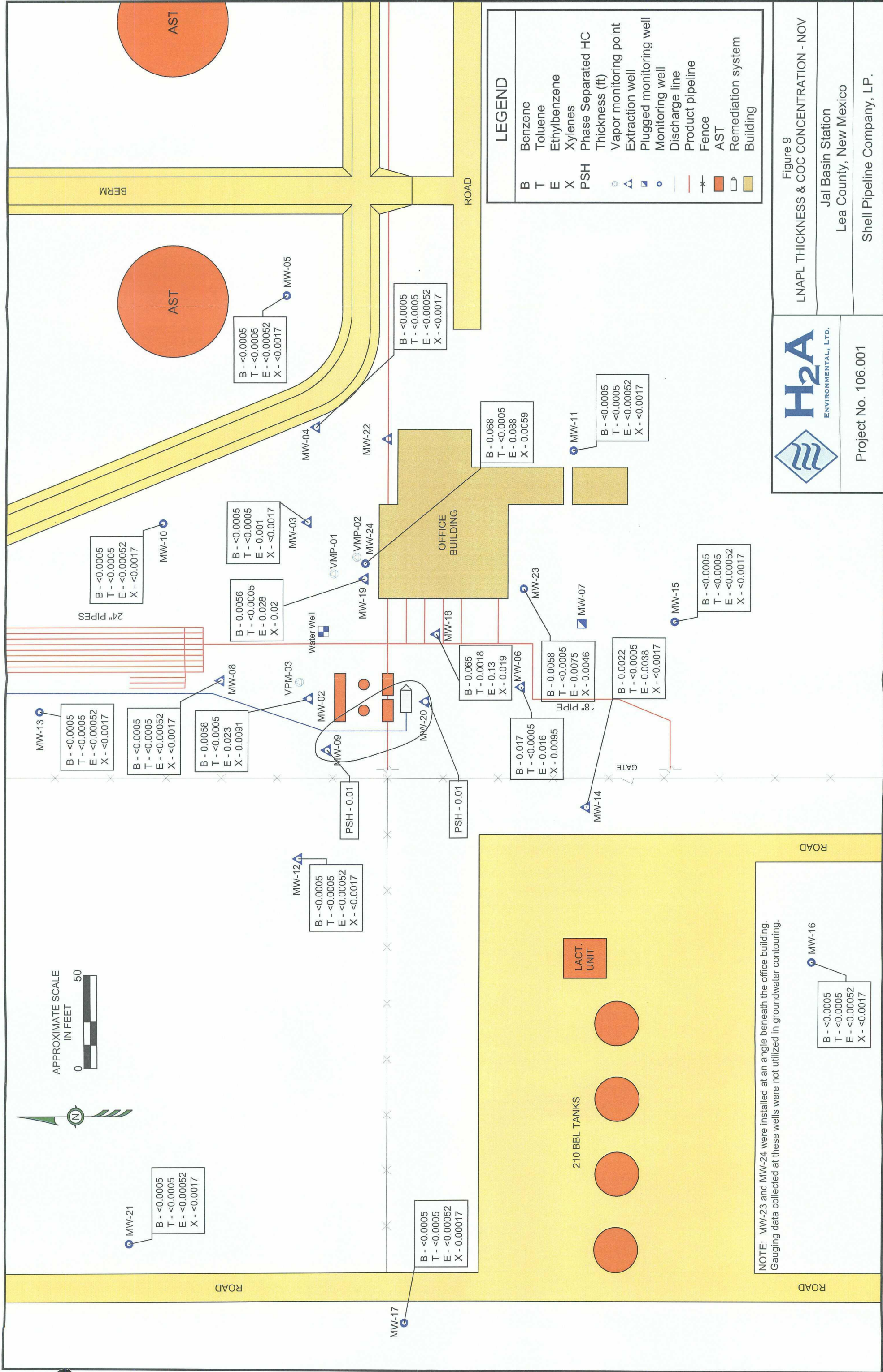


Figure 10
Corrected GW Elevation (Avg)
vs. LNAPL Thickness

106.001
Shell Oil Products US
Jal Station Diesel Remediation
Jal, NM

Mean Corr GW Elev
Maximum LNAPL
Mean LNAPL
Minimum LNAPL

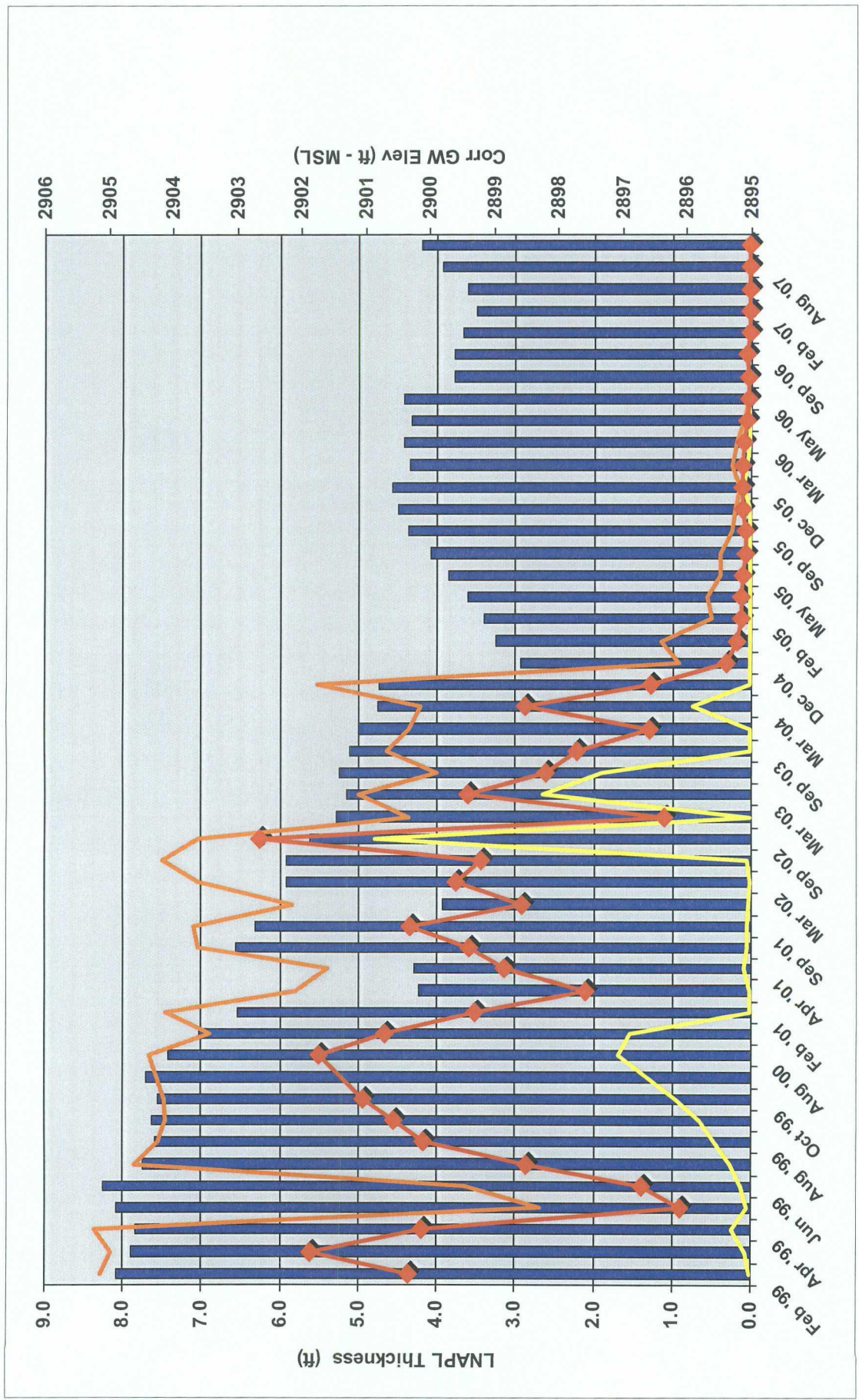


Figure 11
Cumulative Product Recovery (Gallons)

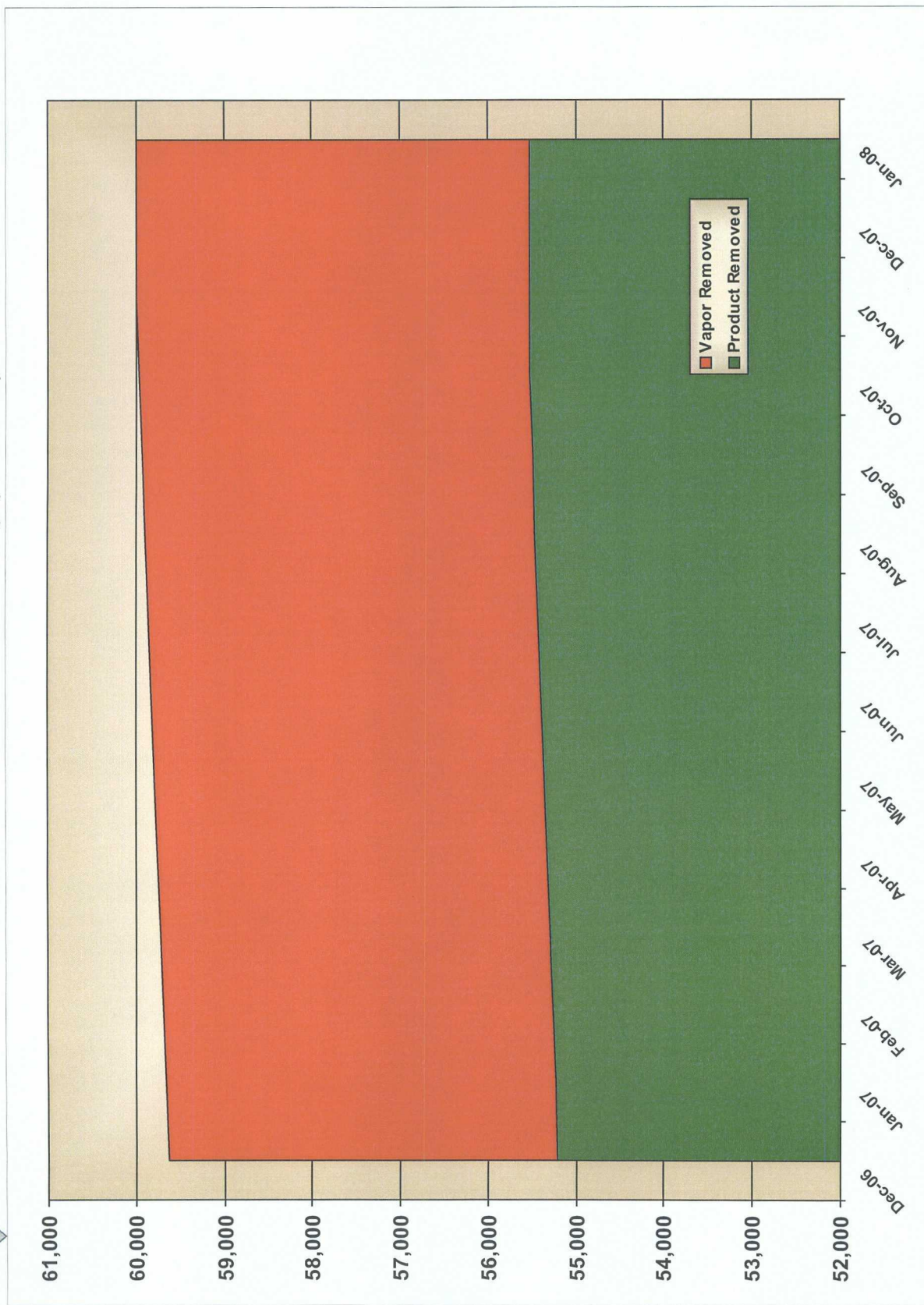




Figure 12
Monthly Product Recovery (Gallons)

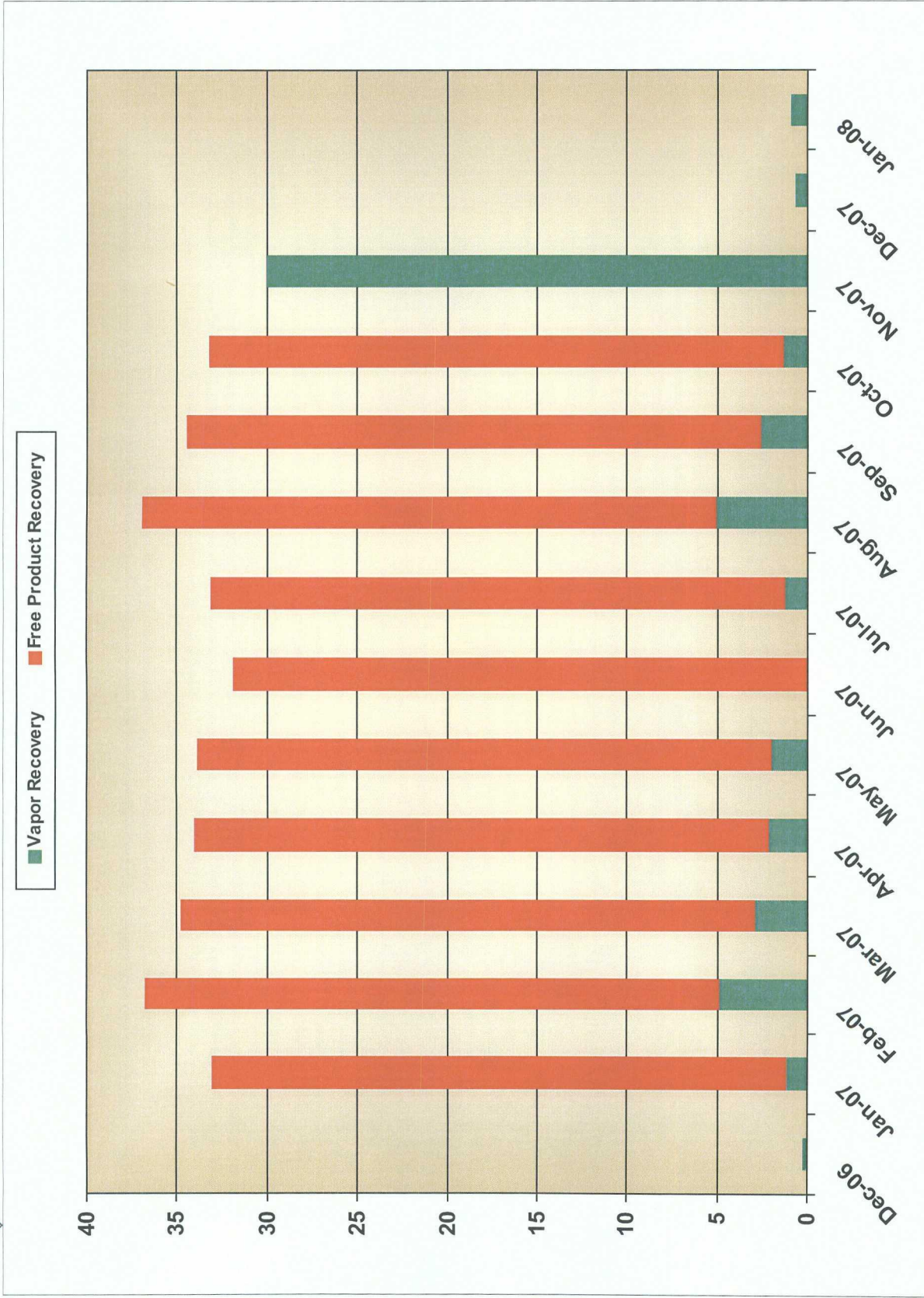


Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-01

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/23/2007	2992.30	2994.62	TOC	85.00	94.50	93.30				2901.32
5/21/2007	2992.30	2994.62	TOC	85.00	94.50	93.35				2901.27
8/21/2007	2992.30	2994.62	TOC	85.00	94.50	93.00				2901.62
11/3/2007	2992.30	2994.62	2992.3	85.00	94.50	92.45				2902.17

MW-04

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
5/22/2007	2988.22	2991.16	TOC	77.00	97.00	90.48				2900.68
11/5/2007	2988.22	2991.16	2988.22	77.00	97.00	89.55				2901.61

MW-05

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/23/2007	2988.47	2991.38	TOC	80.00	95.00	90.40				2900.98
5/21/2007	2988.47	2991.38	TOC	80.00	95.00	90.45				2900.93
8/21/2007	2988.47	2991.38	TOC	80.00	95.00	90.02				2901.36
11/3/2007	2988.47	2991.38	2988.47	80.00	95.00	89.30				2902.08

MW-09

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/23/2007	2987.39	2990.31	TOC	81.00	96.00	90.11	90.10	0.01	0.830	2900.21
5/21/2007	2987.39	2990.31	TOC	81.00	96.00	90.12	90.11	0.01	0.830	2900.20
8/21/2007	2987.39	2990.31	TOC	81.00	96.00	90.20	90.19	0.01	0.830	2900.12
11/5/2007	2987.39	2990.31	2987.39	81.00	96.00	89.90	89.90		0.830	2900.41

MW-10

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/25/2007	2987.96	2990.84	TOC	81.00	96.00	90.15				2900.69
5/22/2007	2987.96	2990.84	TOC	81.00	96.00	90.24				2900.60
8/21/2007	2987.96	2990.84	TOC	81.00	96.00	89.82				2901.02
11/6/2007	2987.96	2990.84	2987.96	81.00	96.00	89.27				2901.57

MW-11

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/23/2007	2989.37	2992.30	TOC	83.00	98.00	91.57				2900.73
5/21/2007	2989.37	2992.30	TOC	83.00	98.00	91.60				2900.70

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-11

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
8/21/2007	2989.37	2992.30	TOC	83.00	98.00	91.27				2901.03
11/3/2007	2989.37	2992.30	2987.37	83.00	98.00	90.70				2901.60

MW-13

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/23/2007	2989.79	2992.97	TOC	85.65	100.65	92.20				2900.77
5/21/2007	2989.79	2992.97	TOC	85.65	100.65	92.35				2900.62
8/21/2007	2989.79	2992.97	TOC	85.65	100.65	92.18				2900.79
11/4/2007	2989.79	2992.97	2989.79	85.65	100.65	91.60				2901.37

MW-15

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/23/2007	2986.45	2989.64	TOC	85.98	100.98	89.30				2900.34
5/21/2007	2986.45	2989.64	TOC	85.98	100.98	89.35				2900.29
8/21/2007	2986.45	2989.64	TOC	85.98	100.98	88.95				2900.69
11/4/2007	2986.45	2989.64	2986.45	85.98	100.98	88.35				2901.29

MW-16

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/26/2007	2985.80	2988.71	TOC	78.50	98.50	89.85				2898.86
5/23/2007	2985.80	2988.71	TOC	78.50	98.50	90.00				2898.71
8/21/2007	2985.80	2988.71	TOC	78.50	98.50	89.75				2898.96
11/3/2007	2985.80	2988.71	2985.8	78.50	98.50	89.50				2899.21

MW-17

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/26/2007	2985.09	2987.77	TOC	80.00	100.00	89.25				2898.52
5/23/2007	2985.09	2987.77	TOC	80.00	100.00	89.35				2898.42
8/21/2007	2985.09	2987.77	TOC	80.00	100.00	89.20				2898.57
11/3/2007	2985.09	2987.77	2985.09	80.00	100.00	89.12				2898.65

MW-20

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
8/21/2007	2987.22	2989.64	TOC	75.00	95.00	89.67	89.65	0.02	0.830	2899.99
11/5/2007	2987.22	2989.64	2987.22	75.00	95.00	89.36	89.35	0.01	0.830	2900.29

Table 1
GROUNDWATER MEASUREMENTS TABLE
Jal Station Diesel Remediation

Jal, NM

MW-21

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/26/2007	2986.63	2989.19	TOC	78.00	98.00	90.10				2899.09
5/23/2007	2986.63	2989.19	TOC	78.00	98.00	90.25				2898.94
8/21/2007	2986.63	2989.19	TOC	78.00	98.00	90.07				2899.12
11/3/2007	2986.63	2989.19	2986.63	78.00	98.00	90.00				2899.19

MW-22

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
5/22/2007	2989.24	2991.56	TOC	80.00	100.00	91.00				2900.56
11/5/2007	2989.24	2991.56	2989.24	80.00	100.00	90.15	90.15		0.830	2901.41

MW-23

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/25/2007	2986.90	2991.90	TOC	80.00	120.00	97.82				2894.08
5/22/2007	2986.90	2991.90	TOC	80.00	120.00	97.85				2894.05
8/21/2007	2986.90	2991.90	TOC	80.00	120.00	97.45				2894.45
11/6/2007	2986.90	2991.90	2986.9	80.00	120.00	97.05				2894.85

MW-24

Sample Date	Grd. Surf. Elevation	TOC Elevation	Ref. Point	Depth of Screen		Depth to GW	Depth to LNAPL	LNAPL Thickness	LNAPL Spec.Grav.	Corrected GW Elev.
				Top	Bottom					
2/25/2007	2988.76	2993.76	TOC	77.00	117.00	98.10				2895.66
5/22/2007	2988.76	2993.76	TOC	77.00	117.00	98.10				2895.66
11/6/2007	2988.76	2993.76	2988.76	77.00	117.00	97.54				2896.22

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/15/2007	0			2.9E-04	
1,1,1-Trichloroethane	8260	12/15/2007	0			3.7E-04	6.0E-02
1,1,2,2-Tetrachloroethane	8260	12/15/2007	0			2.9E-04	1.0E-02
1,1,2,2-Tetrachloroethylene	8260	12/15/2007	0			2.3E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/15/2007	0			4.0E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/15/2007	0			2.3E-04	1.0E-01
1,1-Dichloroethane	8260	12/15/2007	0			5.4E-04	2.5E-02
1,1-Dichloroethylene	8260	12/15/2007	0			3.4E-04	5.0E-03
1,1-Dichloropropene	8260	12/15/2007	0			3.1E-04	
1,2,3-Trichlorobenzene	8260	12/15/2007	0			9.4E-04	
1,2,3-Trichloropropane	8260	12/15/2007	0			2.9E-04	
1,2,4-Trichlorobenzene	8260	12/15/2007	0			5.0E-04	
1,2,4-Trimethylbenzene	8260	12/15/2007	0			1.7E-04	
1,2-Dibromo-3-chloropropane	8260	12/15/2007	0			8.6E-04	
1,2-Dichlorobenzene	8260	12/15/2007	0			5.0E-04	
1,2-Dichloroethane	8260	12/15/2007	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/15/2007	0			3.2E-04	
1,3,5-Trimethylbenzene	8260	12/15/2007	0			1.6E-04	
1,3-Dichlorobenzene	8260	12/15/2007	0			3.5E-04	
1,3-Dichloropropane	8260	12/15/2007	0			2.9E-04	
1,4-Dichlorobenzene	8260	12/15/2007	0			3.8E-04	
2,2-Dichloropropane	8260	12/15/2007	0			4.2E-04	
2-Butanone	8260	12/15/2007	0			2.4E-03	
2-Chlorotoluene	8260	12/15/2007	0			3.0E-04	
2-Hexanone	8260	12/15/2007	0			1.7E-02	
4-Chlorotoluene	8260	12/15/2007	0			3.3E-04	
4-Methyl-2-pentanone	8260	12/15/2007	0			3.5E-03	
Acenaphthene	8270	12/15/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	12/15/2007	0			1.0E-03	3.0E-02
Acetone	8260	12/15/2007	0			2.5E-02	
Anthracene	8270	12/15/2007	0			1.0E-03	3.0E-02
Arsenic	6010	12/15/2007	0	4.9E-02			1.0E-01
Barium	6010	12/15/2007	0	1.3E-01			1.0E+00
Benzene	8021	1/31/2007	0			6.1E-04	1.0E-02
Benzene	8021	2/18/2007	0			6.1E-04	1.0E-02
Benzene	8021	3/6/2007	0			6.1E-04	1.0E-02
Benzene	8021	4/2/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/1/2007	0			6.1E-04	1.0E-02
Benzene	8021	6/8/2007	0			6.1E-04	1.0E-02
Benzene	8021	7/17/2007	0			6.1E-04	1.0E-02

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	8/10/2007	0		L	6.1E-04	1.0E-02
Benzene	8021	9/9/2007	0			6.1E-04	1.0E-02
Benzene	8021	10/9/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/18/2007	0			5.0E-04	1.0E-02
Benzene	8260	12/15/2007	0			2.7E-04	1.0E-02
Benzo(a)anthracene	8270	12/15/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	12/15/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	12/15/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	12/15/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	12/15/2007	0			1.0E-03	3.0E-02
Bromobenzene	8260	12/15/2007	0			3.6E-04	
Bromochloromethane	8260	12/15/2007	0			4.0E-04	
Bromodichloromethane	8260	12/15/2007	0			3.5E-04	
Bromoform	8260	12/15/2007	0			4.3E-04	
Bromomethane	8260	12/15/2007	0			4.2E-04	
Cadmium	6010	12/15/2007	0	1.3E-03			1.0E-02
Carbon disulfide	8260	12/15/2007	0			3.8E-04	
Carbon Tetrachloride	8260	12/15/2007	0			3.5E-04	1.0E-02
Chloride	300.0	12/15/2007	0	6.4E+01			2.5E+02
Chlorobenzene	8260	12/15/2007	0			1.8E-04	
Chlorodibromomethane	8260	12/15/2007	0			2.8E-04	
Chloroethane	8260	12/15/2007	0			4.5E-04	
Chloroform	8260	12/15/2007	0			2.8E-04	1.0E-01
Chloromethane	8260	12/15/2007	0			3.8E-04	
Chromium	6010	12/15/2007	0			2.0E-03	5.0E-02
Chrysene	8270	12/15/2007	0			1.0E-03	3.0E-02
cis-1,2-Dichloroethene	8260	12/15/2007	0			3.9E-04	
cis-1,3-Dichloropropene	8260	12/15/2007	0			2.9E-04	
Cyanide	335.4	12/15/2007	0			2.0E-03	
Dibenzo(a,h)anthracene	8270	12/15/2007	0			1.0E-03	3.0E-02
Dibromomethane	8260	12/15/2007	0			3.5E-04	
Dichlorodifluoromethane	8260	12/15/2007	0			4.6E-04	
Diisopropyl Ether	8260	12/15/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	12/15/2007	0			3.3E-04	
Ethylbenzene	8021	1/31/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	2/18/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	3/6/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	4/2/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/1/2007	0	4.3E-03			7.5E-01
Ethylbenzene	8021	6/8/2007	0			4.6E-04	7.5E-01

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	7/17/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/10/2007	0		L	4.6E-04	7.5E-01
Ethylbenzene	8021	9/9/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	10/9/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/18/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8260	12/15/2007	0			2.4E-04	7.5E-01
Ethylene Dibromide	8260	12/15/2007	0			3.9E-04	1.0E-04
Fluoranthene	8270	12/15/2007	0			1.0E-03	3.0E-02
Fluorene	8270	12/15/2007	0			1.0E-03	3.0E-02
Fluoride	300.0	12/15/2007	0	4.7E+00			1.6E+00
Hexachlorobutadiene	8260	12/15/2007	0			9.1E-04	
Indeno(1,2,3-cd)pyrene	8270	12/15/2007	0			1.0E-03	3.0E-02
Isopropylbenzene	8260	12/15/2007	0			3.0E-04	
Lead	6010	12/15/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	12/15/2007	0			4.2E-04	
Methylene Chloride	8260	12/15/2007	0			8.3E-04	1.0E-01
Naphthalene	8270	12/15/2007	0			1.0E-03	3.0E-02
Naphthalene	8260	12/15/2007	0			5.4E-04	3.0E-02
n-Butylbenzene	8260	12/15/2007	0			2.8E-04	
Nitrate (NO3 as N)	300.0	12/20/2007	0	3.3E-01			1.0E+01
n-Propylbenzene	8260	12/15/2007	0			2.9E-04	
pH	4500	12/15/2007	0	8.5E+00	HTI		
Phenanthrene	8270	12/15/2007	0			1.0E-03	3.0E-02
p-Isopropyltoluene	8260	12/15/2007	0			2.2E-04	
Pyrene	8270	12/15/2007	0			1.0E-03	3.0E-02
sec-Butylbenzene	8260	12/15/2007	0			1.4E-04	
Selenium	6010	12/15/2007	0	1.8E-02			5.0E-02
Silver	6010	12/15/2007	0			2.0E-03	5.0E-02
Styrene	8260	12/15/2007	0			3.3E-04	
Sulfate	300.0	12/15/2007	0	1.3E+02			6.0E+02
Temperature of pH determination	170.1	12/15/2007	0	2.3E+01	HTI		
Tert-Amyl Methyl Ether	8260	12/15/2007	0			4.5E-04	
tert-Butylbenzene	8260	12/15/2007	0			3.3E-04	
Tertiary Butyl Alcohol	8260	12/15/2007	0			6.4E-03	
Toluene	8021	1/31/2007	0			6.0E-04	7.5E-01
Toluene	8021	2/18/2007	0			6.0E-04	7.5E-01
Toluene	8021	3/6/2007	0			6.0E-04	7.5E-01
Toluene	8021	4/2/2007	0		L	6.0E-04	7.5E-01
Toluene	8021	5/1/2007	0	3.1E-03			7.5E-01
Toluene	8021	6/8/2007	0			6.0E-04	7.5E-01

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Toluene	8021	7/17/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/10/2007	0		L	6.0E-04	7.5E-01
Toluene	8021	9/9/2007	0			6.0E-04	7.5E-01
Toluene	8021	10/9/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/18/2007	0			5.0E-04	7.5E-01
Toluene	8260	12/15/2007	0			2.8E-04	7.5E-01
Total Dissolved Solids	2540	12/15/2007	0	6.1E+02			1.0E+03
Total Mercury	7470	12/15/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	1/31/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	2/18/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	3/6/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	4/2/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/1/2007	0	5.6E-03			6.2E-01
Total Xylenes	8021	6/8/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	7/17/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/10/2007	0		L	8.4E-04	6.2E-01
Total Xylenes	8021	9/9/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	10/9/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/18/2007	0			1.7E-03	6.2E-01
Total Xylenes	8260	12/15/2007	0			8.6E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/15/2007	0			4.7E-04	
trans-1,3-Dichloropropene	8260	12/15/2007	0			3.3E-04	
Trichlorofluoromethane	8260	12/15/2007	0			3.5E-04	
Vinyl Chloride	8260	12/15/2007	0			2.9E-04	1.0E-03

MW-01

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Barium	6010	11/3/2007	0	2.8E-02			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-01

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/3/2007	0	2.0E-02			5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

MW-02

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/5/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/5/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-02

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Arsenic	6010	11/5/2007	0	1.5E-02			1.0E-01
Barium	6010	11/5/2007	0	9.9E-01			1.0E+00
Benzene	8021	2/23/2007	0	1.1E-02			1.0E-02
Benzene	8021	5/21/2007	0	3.3E-03			1.0E-02
Benzene	8021	8/21/2007	0	4.6E-03			1.0E-02
Benzene	8021	11/5/2007	0	5.8E-03			1.0E-02
Benzo(a)anthracene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/5/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/5/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/5/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/5/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/5/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/5/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/5/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/5/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0	3.7E-02			7.5E-01
Ethylbenzene	8021	5/21/2007	0	8.4E-03			7.5E-01
Ethylbenzene	8021	8/21/2007	0	1.8E-02			7.5E-01
Ethylbenzene	8021	11/5/2007	0	2.3E-02			7.5E-01
Fluoranthene	8270	11/5/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/5/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/5/2007	0			1.1E-03	3.0E-02
Lead	6010	11/5/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/5/2007	0			4.2E-04	
Naphthalene	8270	11/5/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/5/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/5/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/5/2007	0			5.0E-03	5.0E-02
Silver	6010	11/5/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/5/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/5/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/5/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/5/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0	3.0E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	4.3E-03			6.2E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-02

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	8/21/2007	0	9.0E-03			6.2E-01
Total Xylenes	8021	11/5/2007	0	9.1E-03			6.2E-01

MW-03

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/4/2007	0	1.2E-02			1.0E-01
Barium	6010	11/4/2007	0	1.2E-01			1.0E+00
Benzene	8021	2/25/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/4/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/25/2007	0	1.6E-03			7.5E-01
Ethylbenzene	8021	5/21/2007	0	4.2E-03			7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0	1.0E-03			7.5E-01
Fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Naphthalene	8270	11/4/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-03

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/25/2007	0	3.3E-03			6.2E-01
Total Xylenes	8021	5/21/2007	0	9.3E-03			6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01

MW-04

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/4/2007	0			5.0E-03	1.0E-01
Barium	6010	11/4/2007	0	1.5E-01			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/20/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/20/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-04

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Naphthalene	8270	11/4/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01

MW-05

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/3/2007	0	1.2E-02			1.0E-01
Barium	6010	11/3/2007	0	1.1E-01			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-05

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/3/2007	0			5.0E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

MW-06

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/4/2007	0	2.0E-02			1.0E-01
Barium	6010	11/4/2007	0	3.5E-02			1.0E+00
Benzene	8021	2/23/2007	0	2.3E-02			1.0E-02
Benzene	8021	5/22/2007	0	4.4E-02			1.0E-02

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-06

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	8/20/2007	0	2.4E-02			1.0E-02
Benzene	8021	11/4/2007	0	1.7E-02			1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0	1.5E-02			7.5E-01
Ethylbenzene	8021	5/22/2007	0	1.5E-02			7.5E-01
Ethylbenzene	8021	8/20/2007	0	1.7E-02			7.5E-01
Ethylbenzene	8021	11/4/2007	0	1.6E-02			7.5E-01
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Naphthalene	8270	11/4/2007	0	2.8E-02			3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0	1.9E-03			7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0	1.4E-02			6.2E-01
Total Xylenes	8021	5/22/2007	0	1.1E-02			6.2E-01
Total Xylenes	8021	8/20/2007	0	1.6E-02			6.2E-01
Total Xylenes	8021	11/4/2007	0	9.5E-03			6.2E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-08

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/5/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/5/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/5/2007	0	1.3E-02			1.0E-01
Barium	6010	11/5/2007	0	9.6E-02			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/5/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/5/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/5/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/5/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/5/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/5/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/5/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/5/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/5/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/5/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/5/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/5/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/5/2007	0			1.0E-03	3.0E-02
Lead	6010	11/5/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/5/2007	0			4.2E-04	
Naphthalene	8270	11/5/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/5/2007	0			1.0E-03	3.0E-02
Pyrene	8270	11/5/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/5/2007	0	1.0E-02			5.0E-02
Silver	6010	11/5/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/5/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/5/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/5/2007	0			5.0E-04	7.5E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-08

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Mercury	7470	11/5/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/5/2007	0			1.7E-03	6.2E-01

MW-10

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/6/2007	0			5.0E-03	1.0E-01
Barium	6010	11/6/2007	0	1.8E-01			1.0E+00
Benzene	8021	2/25/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/6/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/6/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/6/2007	0	2.3E-03			1.0E-02
Chromium	6010	11/6/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/6/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	2/25/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/6/2007	0	2.0E-02			3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/6/2007	0	1.2E-03			
Naphthalene	8270	11/6/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/6/2007	0	2.0E-02			3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-10

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/6/2007	0			5.0E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/25/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01

MW-11

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/3/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/3/2007	0	1.4E-02			1.0E-01
Barium	6010	11/3/2007	0	2.5E-02			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/3/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/3/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-11

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/3/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/3/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.0E-03	3.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Naphthalene	8270	11/3/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.0E-03	3.0E-02
Pyrene	8270	11/3/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/3/2007	0	1.5E-02			5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

MW-12

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/6/2007	0	1.0E-02			1.0E-01
Barium	6010	11/6/2007	0	1.3E-01			1.0E+00
Benzene	8021	2/25/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/20/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/6/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/6/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.0E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-12

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(k)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/6/2007	0	2.6E-03			1.0E-02
Chromium	6010	11/6/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/6/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	2/25/2007	0	3.7E-03			7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/20/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/6/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/6/2007	0	3.7E-03			
Naphthalene	8270	11/6/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/6/2007	0	1.6E-02			5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/25/2007	0	1.3E-02			6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01

MW-13

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/4/2007	0	1.4E-02			1.0E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-13

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Barium	6010	11/4/2007	0	1.4E-01			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/4/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/4/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.0E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Naphthalene	8270	11/4/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Pyrene	8270	11/4/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-13

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01

MW-14

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Arsenic	6010	11/6/2007	0	1.7E-02			1.0E-01
Barium	6010	11/6/2007	0	6.5E-02			1.0E+00
Benzene	8021	2/25/2007	0	4.7E-03			1.0E-02
Benzene	8021	5/22/2007	0	4.2E-03			1.0E-02
Benzene	8021	8/20/2007	0	2.0E-03			1.0E-02
Benzene	8021	11/6/2007	0	2.2E-03			1.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(a)pyrene	8270	11/6/2007	0			1.0E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.0E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Cadmium	6010	11/6/2007	0	3.3E-03			1.0E-02
Chromium	6010	11/6/2007	0	5.4E-03			5.0E-02
Chrysene	8270	11/6/2007	0			1.0E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.0E-03	3.0E-02
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	2/25/2007	0	7.7E-03			7.5E-01
Ethylbenzene	8021	5/22/2007	0	7.8E-03			7.5E-01
Ethylbenzene	8021	8/20/2007	0	2.2E-03			7.5E-01
Ethylbenzene	8021	11/6/2007	0	3.8E-03			7.5E-01
Fluoranthene	8270	11/6/2007	0			1.0E-03	3.0E-02
Fluorene	8270	11/6/2007	0	4.9E-03			3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/6/2007	0	9.3E-03			
Naphthalene	8270	11/6/2007	0			1.0E-03	3.0E-02
Phenanthrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Pyrene	8270	11/6/2007	0			1.0E-03	3.0E-02
Selenium	6010	11/6/2007	0	1.3E-02			5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-14

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/25/2007	0	4.7E-03			6.2E-01
Total Xylenes	8021	5/22/2007	0	9.7E-03			6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01

MW-15

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/4/2007	0	1.4E-02			1.0E-01
Barium	6010	11/4/2007	0	2.7E-02			1.0E+00
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/21/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/4/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/4/2007	0	3.4E-03			1.0E-02
Chromium	6010	11/4/2007	0	6.0E-03			5.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/21/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/4/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-15

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Naphthalene	8270	11/4/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/4/2007	0	3.3E-02	M1		5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	8/21/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/4/2007	0			1.7E-03	6.2E-01

MW-16

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Barium	6010	11/3/2007	0	3.1E-02			1.0E+00
Benzene	8021	2/26/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	9/7/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-16

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	2/26/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/3/2007	0	3.8E-02			5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	2/26/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/26/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

MW-17

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Barium	6010	11/3/2007	0	5.0E-02			1.0E+00
Benzene	8021	2/26/2007	0			6.1E-04	1.0E-02
Benzene	8021	5/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	9/7/2007	0			6.1E-04	1.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-17

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	2/26/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/3/2007	0			5.0E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	2/26/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/26/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-18

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/4/2007	0	1.7E-02			1.0E-01
Barium	6010	11/4/2007	0	1.4E-01			1.0E+00
Benzene	8021	2/23/2007	0	6.7E-02			1.0E-02
Benzene	8021	5/21/2007	0	6.4E-02			1.0E-02
Benzene	8021	8/20/2007	0	7.0E-02			1.0E-02
Benzene	8021	11/4/2007	0	6.5E-02			1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0	8.7E-02			7.5E-01
Ethylbenzene	8021	5/21/2007	0	8.9E-02			7.5E-01
Ethylbenzene	8021	8/20/2007	0	1.2E-01			7.5E-01
Ethylbenzene	8021	11/4/2007	0	1.3E-01			7.5E-01
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/4/2007	0	7.1E-03			3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0	9.4E-03			
Naphthalene	8270	11/4/2007	0	2.7E-02			3.0E-02
Phenanthrene	8270	11/4/2007	0	8.0E-03			3.0E-02
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0	2.3E-03			7.5E-01
Toluene	8021	5/21/2007	0	1.2E-03			7.5E-01
Toluene	8021	8/20/2007	0	2.7E-03			7.5E-01
Toluene	8021	11/4/2007	0	1.8E-03			7.5E-01

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-18

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0	1.4E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	1.0E-02			6.2E-01
Total Xylenes	8021	8/20/2007	0	9.1E-03			6.2E-01
Total Xylenes	8021	11/4/2007	0	1.9E-02			6.2E-01

MW-19

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/4/2007	0	2.3E-02			1.0E-01
Barium	6010	11/4/2007	0	6.6E-02			1.0E+00
Benzene	8021	2/23/2007	0	7.8E-03			1.0E-02
Benzene	8021	5/21/2007	0	1.2E-02			1.0E-02
Benzene	8021	8/20/2007	0	7.4E-03			1.0E-02
Benzene	8021	11/4/2007	0	5.6E-03			1.0E-02
Benzo(a)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/4/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/4/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/4/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/4/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/4/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/4/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/4/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/4/2007	0			3.3E-04	
Ethylbenzene	8021	2/23/2007	0	2.1E-02			7.5E-01
Ethylbenzene	8021	5/21/2007	0	3.0E-02			7.5E-01
Ethylbenzene	8021	8/20/2007	0	3.3E-02			7.5E-01
Ethylbenzene	8021	11/4/2007	0	2.8E-02			7.5E-01
Fluoranthene	8270	11/4/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/4/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Lead	6010	11/4/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/4/2007	0			4.2E-04	
Naphthalene	8270	11/4/2007	0	2.3E-02			3.0E-02
Phenanthrene	8270	11/4/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-19

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Pyrene	8270	11/4/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/4/2007	0			5.0E-03	5.0E-02
Silver	6010	11/4/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/4/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/4/2007	0			6.4E-03	
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/21/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/4/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/4/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/23/2007	0	2.0E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	1.8E-02			6.2E-01
Total Xylenes	8021	8/20/2007	0	2.6E-02			6.2E-01
Total Xylenes	8021	11/4/2007	0	2.0E-02			6.2E-01

MW-20

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/23/2007	0	6.4E-02			1.0E-02
Benzene	8021	5/21/2007	0	6.1E-02			1.0E-02
Ethylbenzene	8021	2/23/2007	0	1.3E-01			7.5E-01
Ethylbenzene	8021	5/21/2007	0	1.1E-01			7.5E-01
Toluene	8021	2/23/2007	0	2.2E-03			7.5E-01
Toluene	8021	5/21/2007	0	1.2E-03			7.5E-01
Total Xylenes	8021	2/23/2007	0	4.4E-02			6.2E-01
Total Xylenes	8021	5/21/2007	0	3.7E-02			6.2E-01

MW-21

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/3/2007	0			5.0E-03	1.0E-01
Barium	6010	11/3/2007	0	4.6E-02			1.0E+00
Benzene	8021	2/26/2007	0	1.9E-03			1.0E-02
Benzene	8021	5/23/2007	0			6.1E-04	1.0E-02
Benzene	8021	9/7/2007	0			6.1E-04	1.0E-02
Benzene	8021	11/3/2007	0			5.0E-04	1.0E-02
Benzo(a)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-21

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzo(a)pyrene	8270	11/3/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/3/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/3/2007	0			8.0E-04	1.0E-02
Chromium	6010	11/3/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/3/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/3/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/3/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/3/2007	0			3.3E-04	
Ethylbenzene	8021	2/26/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/23/2007	0		M8	4.6E-04	7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/3/2007	0			5.2E-04	7.5E-01
Fluoranthene	8270	11/3/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/3/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Lead	6010	11/3/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/3/2007	0			4.2E-04	
Naphthalene	8270	11/3/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/3/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/3/2007	0			5.0E-03	5.0E-02
Silver	6010	11/3/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/3/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/3/2007	0			6.4E-03	
Toluene	8021	2/26/2007	0	1.8E-03			7.5E-01
Toluene	8021	5/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/3/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/3/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/26/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/23/2007	0		M8	8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/3/2007	0			1.7E-03	6.2E-01

MW-22

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	2/23/2007	0			6.1E-04	1.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-22

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Benzene	8021	5/22/2007	0			6.1E-04	1.0E-02
Benzene	8021	8/20/2007	0			6.1E-04	1.0E-02
Ethylbenzene	8021	2/23/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	5/22/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	8/20/2007	0			4.6E-04	7.5E-01
Toluene	8021	2/23/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	8/20/2007	0			6.0E-04	7.5E-01
Total Xylenes	8021	2/23/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0	3.1E-03			6.2E-01
Total Xylenes	8021	8/20/2007	0			8.4E-04	6.2E-01

MW-23

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/6/2007	0			5.0E-03	1.0E-01
Barium	6010	11/6/2007	0	4.8E-02			1.0E+00
Benzene	8021	2/25/2007	0	3.1E-03			1.0E-02
Benzene	8021	5/22/2007	0	2.3E-03			1.0E-02
Benzene	8021	9/7/2007	0	2.0E-03			1.0E-02
Benzene	8021	11/6/2007	0	5.8E-03			1.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/6/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/6/2007	0	2.7E-03			1.0E-02
Chromium	6010	11/6/2007	0			2.0E-03	5.0E-02
Chrysene	8270	11/6/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	2/25/2007	0	3.7E-03			7.5E-01
Ethylbenzene	8021	5/22/2007	0	1.3E-03			7.5E-01
Ethylbenzene	8021	9/7/2007	0			4.6E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0	7.5E-03			7.5E-01
Fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-23

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Fluorene	8270	11/6/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/6/2007	0			4.2E-04	
Naphthalene	8270	11/6/2007	0			1.1E-03	3.0E-02
Phenanthrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/6/2007	0	1.5E-02			5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/25/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	5/22/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	9/7/2007	0			8.4E-04	6.2E-01
Total Xylenes	8021	11/6/2007	0	4.6E-03			6.2E-01

MW-24

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Acenaphthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Acenaphthylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Arsenic	6010	11/6/2007	0	2.1E-02			1.0E-01
Barium	6010	11/6/2007	0	3.6E-02			1.0E+00
Benzene	8021	2/25/2007	0	2.6E-02			1.0E-02
Benzene	8021	5/22/2007	0	8.1E-02			1.0E-02
Benzene	8021	9/7/2007	0	3.0E-02			1.0E-02
Benzene	8021	11/6/2007	0	6.8E-02			1.0E-02
Benzo(a)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(a)pyrene	8270	11/6/2007	0			1.1E-03	7.0E-04
Benzo(b)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(g,h,i)perylene	8270	11/6/2007	0			1.1E-03	3.0E-02
Benzo(k)fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Cadmium	6010	11/6/2007	0	3.2E-03			1.0E-02
Chromium	6010	11/6/2007	0	5.0E-03			5.0E-02

Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

MW-24

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Chrysene	8270	11/6/2007	0			1.1E-03	3.0E-02
Dibenzo(a,h)anthracene	8270	11/6/2007	0			1.1E-03	3.0E-02
Diisopropyl Ether	8260	11/6/2007	0			5.0E-04	
Ethyl tert-Butyl Ether	8260	11/6/2007	0			3.3E-04	
Ethylbenzene	8021	2/25/2007	0	2.8E-02			7.5E-01
Ethylbenzene	8021	5/22/2007	0	8.3E-02			7.5E-01
Ethylbenzene	8021	9/7/2007	0	3.5E-02			7.5E-01
Ethylbenzene	8021	11/6/2007	0	8.8E-02			7.5E-01
Fluoranthene	8270	11/6/2007	0			1.1E-03	3.0E-02
Fluorene	8270	11/6/2007	0			1.1E-03	3.0E-02
Indeno(1,2,3-cd)pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Lead	6010	11/6/2007	0			3.0E-03	5.0E-02
Methyl tert-Butyl Ether	8260	11/6/2007	0			4.2E-04	
Naphthalene	8270	11/6/2007	0	2.5E-02			3.0E-02
Phenanthrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Pyrene	8270	11/6/2007	0			1.1E-03	3.0E-02
Selenium	6010	11/6/2007	0			5.0E-03	5.0E-02
Silver	6010	11/6/2007	0			2.0E-03	5.0E-02
Tert-Amyl Methyl Ether	8260	11/6/2007	0			4.5E-04	
Tertiary Butyl Alcohol	8260	11/6/2007	0			6.4E-03	
Toluene	8021	2/25/2007	0			6.0E-04	7.5E-01
Toluene	8021	5/22/2007	0			6.0E-04	7.5E-01
Toluene	8021	9/7/2007	0			6.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Total Mercury	7470	11/6/2007	0			1.0E-04	2.0E-03
Total Xylenes	8021	2/25/2007	0	1.5E-02			6.2E-01
Total Xylenes	8021	5/22/2007	0	7.5E-03			6.2E-01
Total Xylenes	8021	9/7/2007	0	1.8E-02			6.2E-01
Total Xylenes	8021	11/6/2007	0	5.9E-03			6.2E-01

Trip Blank

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1,1,2-Tetrachloroethane	8260	12/16/2007	0			2.9E-04	
1,1,1-Trichloroethane	8260	12/16/2007	0			3.7E-04	6.0E-02
1,1,1,2-Tetrachloroethane	8260	12/16/2007	0			2.9E-04	1.0E-02
1,1,1,2-Tetrachloroethylene	8260	12/16/2007	0			2.3E-04	2.0E-02
1,1,2-Trichloroethane	8260	12/16/2007	0			4.0E-04	1.0E-02
1,1,2-Trichloroethylene	8260	12/16/2007	0			2.3E-04	1.0E-01
1,1-Dichloroethane	8260	12/16/2007	0			5.4E-04	2.5E-02

Friday, March 14, 2008

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

Trip Blank

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
1,1-Dichloroethylene	8260	12/16/2007	0			3.4E-04	5.0E-03
1,1-Dichloropropene	8260	12/16/2007	0			3.1E-04	
1,2,3-Trichlorobenzene	8260	12/16/2007	0			9.4E-04	
1,2,3-Trichloropropane	8260	12/16/2007	0			2.9E-04	
1,2,4-Trichlorobenzene	8260	12/16/2007	0			5.0E-04	
1,2,4-Trimethylbenzene	8260	12/16/2007	0			1.7E-04	
1,2-Dibromo-3-chloropropane	8260	12/16/2007	0			8.6E-04	
1,2-Dichlorobenzene	8260	12/16/2007	0			5.0E-04	
1,2-Dichloroethane	8260	12/16/2007	0			3.7E-04	1.0E-02
1,2-Dichloropropane	8260	12/16/2007	0			3.2E-04	
1,3,5-Trimethylbenzene	8260	12/16/2007	0			1.6E-04	
1,3-Dichlorobenzene	8260	12/16/2007	0			3.5E-04	
1,3-Dichloropropane	8260	12/16/2007	0			2.9E-04	
1,4-Dichlorobenzene	8260	12/16/2007	0			3.8E-04	
2,2-Dichloropropane	8260	12/16/2007	0			4.2E-04	
2-Butanone	8260	12/16/2007	0			2.4E-03	
2-Chlorotoluene	8260	12/16/2007	0			3.0E-04	
2-Hexanone	8260	12/16/2007	0			1.7E-02	
4-Chlorotoluene	8260	12/16/2007	0			3.3E-04	
4-Methyl-2-pentanone	8260	12/16/2007	0			3.5E-03	
Acetone	8260	12/16/2007	0			2.5E-02	
Benzene	8021	11/5/2007	0			5.0E-04	1.0E-02
Benzene	8021	11/6/2007	0			5.0E-04	1.0E-02
Benzene	8021	11/18/2007	0			5.0E-04	1.0E-02
Benzene	8260	12/16/2007	0			2.7E-04	1.0E-02
Bromobenzene	8260	12/16/2007	0			3.6E-04	
Bromochloromethane	8260	12/16/2007	0			4.0E-04	
Bromodichloromethane	8260	12/16/2007	0			3.5E-04	
Bromoform	8260	12/16/2007	0			4.3E-04	
Bromomethane	8260	12/16/2007	0			4.2E-04	
Carbon disulfide	8260	12/16/2007	0			3.8E-04	
Carbon Tetrachloride	8260	12/16/2007	0			3.5E-04	1.0E-02
Chlorobenzene	8260	12/16/2007	0			1.8E-04	
Chlorodibromomethane	8260	12/16/2007	0			2.8E-04	
Chloroethane	8260	12/16/2007	0			4.5E-04	
Chloroform	8260	12/16/2007	0			2.8E-04	1.0E-01
Chloromethane	8260	12/16/2007	0			3.8E-04	
cis-1,2-Dichloroethene	8260	12/16/2007	0			3.9E-04	
cis-1,3-Dichloropropene	8260	12/16/2007	0			2.9E-04	
Dibromomethane	8260	12/16/2007	0			3.5E-04	

Friday, March 14, 2008

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Table 2
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FOR GROUNDWATER

Jal Station Diesel Remediation

Jal, NM

Trip Blank

Analyte	Analytical Method	Sample Date	Sample Depth (ft)	Detected Conc.	Flag	Non-detect SQLs	New Mexico Standard
Dichlorodifluoromethane	8260	12/16/2007	0			4.6E-04	
Ethylbenzene	8021	11/5/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	11/6/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8021	11/18/2007	0			5.2E-04	7.5E-01
Ethylbenzene	8260	12/16/2007	0			2.4E-04	7.5E-01
Ethylene Dibromide	8260	12/16/2007	0			3.9E-04	1.0E-04
Hexachlorobutadiene	8260	12/16/2007	0			9.1E-04	
Isopropylbenzene	8260	12/16/2007	0			3.0E-04	
Methyl tert-Butyl Ether	8260	12/16/2007	0			4.2E-04	
Methylene Chloride	8260	12/16/2007	0			8.3E-04	1.0E-01
Naphthalene	8260	12/16/2007	0			5.4E-04	3.0E-02
n-Butylbenzene	8260	12/16/2007	0			2.8E-04	
n-Propylbenzene	8260	12/16/2007	0			2.9E-04	
p-Isopropyltoluene	8260	12/16/2007	0			2.2E-04	
sec-Butylbenzene	8260	12/16/2007	0			1.4E-04	
Styrene	8260	12/16/2007	0			3.3E-04	
tert-Butylbenzene	8260	12/16/2007	0			3.3E-04	
Toluene	8021	11/5/2007	0			5.0E-04	7.5E-01
Toluene	8021	11/6/2007	0			5.0E-04	7.5E-01
Toluene	8021	11/18/2007	0			5.0E-04	7.5E-01
Toluene	8260	12/16/2007	0			2.8E-04	7.5E-01
Total Xylenes	8021	11/5/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	11/6/2007	0			1.7E-03	6.2E-01
Total Xylenes	8021	11/18/2007	0			1.7E-03	6.2E-01
Total Xylenes	8260	12/16/2007	0			8.6E-04	6.2E-01
trans-1,2-Dichloroethene	8260	12/16/2007	0			4.7E-04	
trans-1,3-Dichloropropene	8260	12/16/2007	0			3.3E-04	
Trichlorofluoromethane	8260	12/16/2007	0			3.5E-04	
Vinyl Chloride	8260	12/16/2007	0			2.9E-04	1.0E-03

Table 3

Hydrocarbon and Groundwater Recovery (Barrels)

Site: Jal Pumping Station

Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25



Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in		Total
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product	PSH	
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank	Returned	Product
									(bbls)	(bbls)	Removed
											(bbls)
12/28/2006	jps	3,685,436	0	0.3	46,253.0	95	8	105.0	1,314.5	0.0	1,419.7
1/4/2007	jps	3,692,348	0	0.3	46,409.0	95	8	105.0	1,315.2	0.0	1,420.5
1/11/2007	jps	3,700,793	0	0.3	46,586.0	95	8	105.0	1,315.2	0.0	1,420.5
1/16/2007	jps	3,708,324	0	0.3	46,704.0	95	8	105.0	1,315.2	0.0	1,420.5
1/26/2007	jps	3,708,326	0	0.3	46,757.0	95	8	105.0	1,315.2	0.0	1,420.5
1/27/2007	jps	3,708,326	0	0.3	46,773.0	95	8	105.0	1,315.2	0.0	1,420.5
1/30/2007	jps	3,709,237	0	0.3	46,815.0	95	37	105.0	1,315.2	0.0	1,420.5
2/2/2007	jps	3,712,889	0	0.3	46,877.0	95	37	105.0	1,316.0	0.0	1,421.3
2/3/2007	jps	3,714,006	0	0.3	46,905.0	95	37	105.0	1,316.0	0.0	1,421.3
2/10/2007	jps	3,724,492	0	0.3	47,080.0	95	37	105.1	1,316.0	0.0	1,421.3
2/15/2007	jps	3,731,793	0	0.3	47,196.0	95	37	105.1	1,316.0	0.0	1,421.4
2/16/2007	jps	3,733,057	0	0.3	47,217.0	95	37	105.1	1,316.0	0.0	1,421.4
2/17/2007	jps	3,735,455	0	0.3	47,241.0	95	37	105.1	1,316.0	0.0	1,421.4
2/18/2007	jps	3,736,624	0	0.3	47,263.0	95	37	105.1	1,316.0	0.0	1,421.4
2/23/2007	jps	3,744,748	0	0.3	47,390.0	95	37	105.1	1,316.0	0.0	1,421.4
2/27/2007	jps	3,750,650	0	0.3	47,480.0	95	37	105.1	1,316.0	0.0	1,421.4
3/3/2007	jps	3,758,639	0	0.3	47,597.0	95	37	105.1	1,316.7	0.0	1,422.2
3/6/2007	jps	3,762,703	0	0.3	47,647.0	95	17	105.1	1,316.7	0.0	1,422.2
3/8/2007	jps	3,766,880	0	0.3	47,698.0	95	17	105.2	1,316.7	0.0	1,422.2
3/10/2007	jps	3,771,222	0	0.3	47,752.0	95	17	105.2	1,316.7	0.0	1,422.2
3/11/2007	jps	3,772,863	0	0.3	47,774.0	95	17	105.2	1,316.7	0.0	1,422.2
3/18/2007	jps	3,787,788	0	0.3	47,941.0	95	17	105.2	1,316.7	0.0	1,422.2
3/23/2007	jps	3,800,722	0	0.3	48,057.0	95	17	105.2	1,316.7	0.0	1,422.2
3/31/2007	jps	3,813,789	0	0.3	48,195.0	95	17	105.2	1,316.7	0.0	1,422.2
4/2/2007	jps	3,818,093	0	0.3	48,245.0	95	17	105.2	1,317.5	0.0	1,423.0
4/11/2007	jps	3,843,643	0	0.3	48,468.0	95	17	105.2	1,317.5	0.0	1,423.0
4/28/2007	jps	3,881,351	0	0.3	48,818.0	95	17	105.2	1,317.5	0.0	1,423.0
5/1/2007	jps	3,889,450	0	0.3	48,889.0	95	17	105.2	1,318.3	0.0	1,423.8
5/12/2007	jps	3,916,399	0	0.3	49,149.0	95	17	105.3	1,318.3	0.0	1,423.8
5/17/2007	jps	3,931,865	0	0.3	49,268.0	95	17	105.3	1,318.3	0.0	1,423.8
5/25/2007	jps	3,945,848	0	0.3	49,399.0	95	17	105.3	1,318.3	0.0	1,423.9
5/28/2007	jps	3,945,848	0	0.3	49,399.0	97	11	105.3	1,318.3	0.0	1,423.9
6/26/2007	jps	3,945,848	0	0.3	49,401.0	93	7	105.3	1,319.0	0.0	1,424.6
6/30/2007	jps	3,981,565	0	0.3	49,401.0	93	7	105.3	1,319.0	0.0	1,424.6
7/17/2007	jps	4,001,525	0	0.3	49,401.0	93	38	105.3	1,319.8	0.0	1,425.4
7/24/2007	jps	4,008,756	0	0.3	49,404.0	93	38	105.3	1,319.8	0.0	1,425.4
7/25/2007	jps	4,009,735	0	0.3	49,413.0	93	38	105.3	1,319.8	0.0	1,425.4
7/30/2007	jps	4,012,985	0	0.3	49,565.0	93	38	105.3	1,319.8	0.0	1,425.4
8/3/2007	jps	4,016,485	0	0.3	49,655.0	93	34	105.3	1,320.5	0.0	1,426.2
8/5/2007	jps	4,018,890	0	0.3	49,710.0	93	34	105.3	1,320.5	0.0	1,426.2
8/10/2007	jps	4,022,553	0	0.3	49,821.0	93	34	105.4	1,320.5	0.0	1,426.2
8/11/2007	jps	4,023,801	0	0.3	49,854.0	93	34	105.4	1,320.5	0.0	1,426.2
8/31/2007	jps	4,041,906	0	0.3	50,326.0	93	34	105.4	1,320.5	0.0	1,426.3
9/2/2007	jps	4,044,773	0	0.3	50,381.0	93	36	105.4	1,321.3	0.0	1,427.0
9/12/2007	jps	4,054,853	0	0.3	50,616.0	93	36	105.5	1,321.3	0.0	1,427.1



Table 3
Hydrocarbon and Groundwater Recovery (Barrels)

Site: Jal Pumping Station
Project: Diesel NAPL Plume
System: LRP-001 NA LRP-25

Date	Tech	Flow	TPH	Dissolved	Hours	Vapor			PSH in	Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
		Meter	Conc.	Removed		Flow	Conc.	Removed	Product				
		(gal)	(ppm)	(bbls)		(cfm)	(ppmv)	(bbls)	Tank				
9/15/2007	jps	4,058,248	0	0.3	50,692.0	93	36	105.5		1,321.3	0.0	1,321.3	1,427.1
10/1/2007	jps	4,072,449	0	0.3	51,064.0	93	12	105.5		1,322.0	0.0	1,322.0	1,427.9
10/8/2007	jps	4,078,713	0	0.3	51,233.0	93	13	105.5		1,322.0	0.0	1,322.0	1,427.9
11/1/2007	jps	4,102,922	0	0.3	51,816.0	93	122	105.9		1,322.0	0.0	1,322.0	1,428.2
11/8/2007	jps	4,109,646	0	0.3	51,979.0	93	122	106.0		1,322.0	0.0	1,322.0	1,428.3
11/23/2007	jps	4,123,896	0	0.3	52,343.0	93	122	106.2		1,322.0	0.0	1,322.0	1,428.5
11/29/2007	jps	4,129,596	0	0.3	52,487.0	93	122	106.2		1,322.0	0.0	1,322.0	1,428.6
12/1/2007	jps	4,131,496	0	0.3	52,531.0	93	12	106.2		1,322.0	0.0	1,322.0	1,428.6
12/11/2007	jps	4,139,596	0	0.3	52,773.0	93	12	106.3		1,322.0	0.0	1,322.0	1,428.6
1/6/2008	jps	4,162,996	0	0.3	53,399.0	86	8	106.3		1,322.0	0.0	1,322.0	1,428.6

AIR AND EFFLUENT ANALYTICAL RESULTS

February 14, 2007

8:34:08AM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQB0101
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 02/01/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQB0101-01	01/31/07 08:30
LRP-1	NQB0101-02	01/31/07 08:35
LRP-2	NQB0101-03	01/31/07 08:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

Other anomalies noted at sample log-in are outlined in accompanying LF-1 form (Cooler Receipt) and/or CSF-12 (Sample nonconformance/COC revision form).

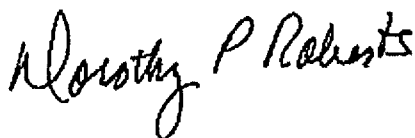
The Chain(s) of Custody, 9 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB0101
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/01/07 08:15

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB0101-01 (Effluent - Water) Sampled: 01/31/07 08:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	02/07/07 20:57	SW846 8021B	7021128
Ethylbenzene	ND		ug/L	1.00	1	02/07/07 20:57	SW846 8021B	7021128
Toluene	ND		ug/L	1.00	1	02/07/07 20:57	SW846 8021B	7021128
Xylenes, total	ND		ug/L	3.00	1	02/07/07 20:57	SW846 8021B	7021128
Surr: a,a,a-Trifluorotoluene (57-145%)	95 %					02/07/07 20:57	SW846 8021B	7021128

Sample ID: NQB0101-02 (LRP-1 - Air) Sampled: 01/31/07 08:35

Subcontracted Analysis

See Attached Report

Sample ID: NQB0101-03 (LRP-2 - Air) Sampled: 01/31/07 08:40

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB0101
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/01/07 08:15

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7021128-BLK1						
Benzene	<0.610		ug/L	7021128	7021128-BLK1	02/07/07 17:18
Ethylbenzene	<0.460		ug/L	7021128	7021128-BLK1	02/07/07 17:18
Toluene	<0.600		ug/L	7021128	7021128-BLK1	02/07/07 17:18
Xylenes, total	<0.840		ug/L	7021128	7021128-BLK1	02/07/07 17:18
Surrogate: <i>a,a,a-Trifluorotoluene</i>	110%			7021128	7021128-BLK1	02/07/07 17:18

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB0101
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/01/07 08:15

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7021128-BS1								
Benzene	20.0	18.2		ug/L	91%	74 - 127	7021128	02/08/07 03:49
Ethylbenzene	20.0	18.0		ug/L	90%	74 - 128	7021128	02/08/07 03:49
Toluene	20.0	18.1		ug/L	90%	74 - 126	7021128	02/08/07 03:49
Xylenes, total	60.0	52.0		ug/L	87%	74 - 129	7021128	02/08/07 03:49
Surrogate: <i>a,a,a</i> -Trifluorotoluene	20.0	18.7			94%	57 - 145	7021128	02/08/07 03:49

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB0101
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/01/07 08:15

PROJECT QUALITY CONTROL DATA

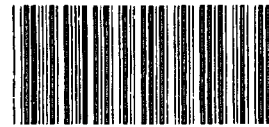
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7021128-BSD1												
Benzene		18.0		ug/L	20.0	90%	74 - 127	1	30	7021128		02/08/07 04:16
Ethylbenzene		17.9		ug/L	20.0	90%	74 - 128	0.6	30	7021128		02/08/07 04:16
Toluene		17.9		ug/L	20.0	90%	74 - 126	1	46	7021128		02/08/07 04:16
Xylenes, total		51.8		ug/L	60.0	86%	74 - 129	0.4	36	7021128		02/08/07 04:16
Surrogate: <i>a,a,a</i> -Trifluorotoluene		19.1		ug/L	20.0	96%	57 - 145			7021128		02/08/07 04:16



Nashville Division
COOLER RECEIPT FORM

BC#



NQB0101

Cooler Received/Opened On February 1, 2007 @ 0815

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

2938

☒ Fedex

☐ UPS

☐ Velocity

☐ DHL

☐ Route

☐ Off-street

☐ Misc.

2. Temperature of representative sample or temperature blank when opened: N/A Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES ☒ NO ☐ NA ☐

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES ☐ NO ☐ NA ☒

5. Were custody papers inside cooler?..... YES ☒ NO ☐ NA ☐

I certify that I opened the cooler and answered questions 1-5 (initial)..... FA

6. Were custody seals on containers: YES ☐ NO ☒ and Intact YES ☐ NO ☒ NA ☐

were these signed, and dated correctly?..... YES ☐ NO ☒ NA ☐

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None ☒

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other ☒ None ☐

9. Did all containers arrive in good condition (unbroken)?..... YES ☒ NO ☐ NA ☐

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES ☒ NO ☐ NA ☐

11. Did all container labels and tags agree with custody papers?..... YES ☒ NO ☐ NA ☐

12. a. Were VOA vials received?..... YES ☐ NO ☒ NA ☐

b. Was there any observable head space present in any VOA vial?..... YES ☐ NO ☒ NA ☐

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... FA

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES ☐ NO ☒ NA ☐

b. Did the bottle labels indicate that the correct preservatives were used?..... YES ☐ NO ☒ NA ☐

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES ☐ NO ☒ NA ☐

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... FA

15. Were custody papers properly filled out (ink, signed, etc)?..... YES ☒ NO ☐ NA ☐

16. Did you sign the custody papers in the appropriate place?..... YES ☒ NO ☐ NA ☐

17. Were correct containers used for the analysis requested?..... YES ☒ NO ☐ NA ☐

18. Was sufficient amount of sample sent in each container?..... YES ☒ NO ☐ NA ☐

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... FA

I certify that I attached a label with the unique LIMS number to each container (initial)..... FA

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

Nashville Division

COOLER RECEIPT FORM

BC#

Cooler Received/Opened On 02/01/07 0815

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4566

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 1.8 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 101282 Raynger ST 90943149

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... 14

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... Y

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... B

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... B

I certify that I attached a label with the unique LIMS number to each container (initial)..... B

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

Sample NonConformance/COC Revision Form

Initiated by: Bwright
Client Name: H2A Environmental
Client Contact: John Savoie
Client Account: 14016
Date Created: 2/1/2007
NC #: NQB0101-03
Project Name: 2 Miles south of Jal,NM
Project Number: INC#300143
Project Origin: NM
Regulatory :

Phone: (817) 251-9466
Sample Range: NQB0101-01-03
SDG: NQB0101
Analyst: 280
Supervisor: Paul Buckingham
NC Type: NC Analytical 1

NC Closed: ☒
Date Closed: 2/1/2007
Terminal Manager:

Process: Subcontract Samples?

Corrected By: Dorothy Roberts

Action: Yes

Closed: ☒ droberts

Comments: Comment added by: Bwright on 2/1/2007 3:01:17 PM
NC closed with out comments

Comment added by: droberts on 2/1/2007 2:56:54 PM
Process Closed without Comment

TPH-DRO(AIR)

SUBCONTRACT ORDER

TestAmerica - Nashville, TN

NOB0101

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x

Jal Station NM

Analysis	Due	Expires	Comments
----------	-----	---------	----------

Sample ID: NQB0101-02	Air	Sampled: 01/31/07 08:35
-----------------------	-----	-------------------------

Subcontract - TPH 8015 DRO (02/13/07 15:00	10/26/09 08:35
--	----------------

Containers Supplied:

Tedlar Bag 1L (A)

GD07-0053-1

Sample ID: NQB0101-03	Air	Sampled: 01/31/07 08:40
-----------------------	-----	-------------------------

Subcontract - TPH 8015 DRO (02/13/07 15:00	10/26/09 08:40
--	----------------

Containers Supplied:

Tedlar Bag 1L (A)

- 2

Return ice chest.

Released By

Date

Received By

Date

Released By

Date

Received By

Date



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nahville, TN 37204

Project No.: **NQB0101**

GD Air Testing Lab. ID: **GD07-00053-001**
Report Date: **02/02/07**
Date Analyzed: **02/02/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-020207BTX**
Method: **EPATO14**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
NQB0101-02	Air	NA	01/31/07 02/02/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

DRO range	142.0		0.010	13.90	80.7
-----------	-------	--	-------	--------------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.02	100.4
Bromofluorobenzene (SS2)	175	460004	5.00	4.97	99.4

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1l bag

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

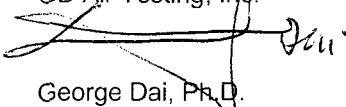
* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\020207.B\02020708.D

Report File: GD SR\ND:\Rpt02-TO14\GD07-00053-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00053-002**
Report Date: **02/02/07**
Date Analyzed: **02/02/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-020207BTX**
Method: **EPATO14**

Project No.: **NQB0101**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQB0101-03A	Air	NA	01/31/07	02/02/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

DRO	142.0		0.010	3.830	22.244
-----	-------	--	-------	--------------	--------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.85	97.0
Bromofluorobenzene (SS2)	175	460004	5.00	4.72	94.4

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

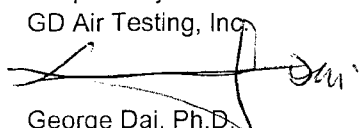
* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.

Laboratory Director

Data File: gd5973.1\020207.B\02020716.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-00053-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90202-001

Report Date:

02/05/07

Date Analyzed:

02/02/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-020207BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	LAJ	02/02/07	02/02/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked	Found	R%
			ppbv	ppbv	
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.69	93.8
Bromofluorobenzene (SS2)	175	460004	5.00	4.87	97

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\020207.B\02020705.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-90202-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90202-002

GD07-90202-003

Report Date:

02/05/07

Date Analyzed:

02/02/07

Project No.:

Analyzed by:

LAJ

Method:

EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	9.8	98	10.4	104	6.5
Toluene	10.0	10.0	100	11.1	111	10.5
Ethylbenzene	10.0	10.3	103	11.0	110	6.6
o-Xylene	10.0	10.9	109	11.5	115	5.4

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	5.04	101	4.9	98	2.8
Bromofluorobenzene (SS2)	5.00	5.23	105	5.17	103	1.2

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\020207.B\02020706.D gd5973.i\020207.B\02020707.D

Report File: GD\SR\ID\QC02-TO14\GD07-90202-002

March 05, 2007

3:44:59PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQB2226
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 02/21/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQB2226-01	02/18/07 07:15
LRP-1	NQB2226-02	02/18/07 07:20
LRP-2	NQB2226-03	02/18/07 07:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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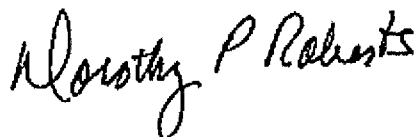
The Chain(s) of Custody, 8 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2226
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/21/07 07:40

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB2226-01RE1 (Effluent - Water) Sampled: 02/18/07 07:15								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/02/07 14:25	SW846 8021B	7030367
Ethylbenzene	ND		ug/L	1.00	1	03/02/07 14:25	SW846 8021B	7030367
Toluene	ND		ug/L	1.00	1	03/02/07 14:25	SW846 8021B	7030367
Xylenes, total	ND		ug/L	3.00	1	03/02/07 14:25	SW846 8021B	7030367
Surr: a,a,a-Trifluorotoluene (57-145%)	88 %					03/02/07 14:25	SW846 8021B	7030367

Sample ID: NQB2226-02 (LRP-1 - Air) Sampled: 02/18/07 07:20

Subcontracted Analysis

See Attached Report

Sample ID: NQB2226-03 (LRP-2 - Air) Sampled: 02/18/07 07:25

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2226
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/21/07 07:40

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7030367-BLK1						
Benzene	<0.610		ug/L	7030367	7030367-BLK1	03/02/07 13:03
Ethylbenzene	0.831		ug/L	7030367	7030367-BLK1	03/02/07 13:03
Toluene	<0.600		ug/L	7030367	7030367-BLK1	03/02/07 13:03
Xylenes, total	<0.840		ug/L	7030367	7030367-BLK1	03/02/07 13:03
Surrogate: <i>a,a,a</i> -Trifluorotoluene	94%			7030367	7030367-BLK1	03/02/07 13:03

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2226
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/21/07 07:40

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7030367-BS1								
Benzene	50.0	50.5		ug/L	101%	74 - 127	7030367	03/02/07 17:30
Ethylbenzene	50.0	49.4		ug/L	99%	74 - 128	7030367	03/02/07 17:30
Toluene	50.0	47.5		ug/L	95%	74 - 126	7030367	03/02/07 17:30
Xylenes, total	150	142		ug/L	95%	74 - 129	7030367	03/02/07 17:30
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	28.2			94%	57 - 145	7030367	03/02/07 17:30



Nashville Division
COOLER RECEIPT FORM

BC#

NQB2226

Cooler Received/Opened On 2/21/07 @ 7:40

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: Master 2470

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -12 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... JL

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... JL

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... JL

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... JL

I certify that I attached a label with the unique LIMS number to each container (initial)..... JL

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 41793



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: February 21, 2007 @7:40

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4762

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: N/A Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES NO...NA

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... fa

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... T

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... T

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... T

I certify that I attached a label with the unique LIMS number to each container (initial)..... T

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ Calscience
☐ Other _____



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Ken Springer

- ☒ ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE

- ☐ BILL CONSULTANT
☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

3 0 0 1 4 3

DATE: 2/20/07

PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS:

430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (Hardcopy or PDF Report to):

John Savoie

TELEPHONE:

1.817.254.9466

FAX:

1.817.254.9224

E-MAIL:

jsavoie@h2aenv.com

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS) ☐ RESULTS NEEDED ON WEEKEND
☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location)

John Savoie H2A Env., Jal NM

SAMPLER NAME(S) (Print)

John Savoie

State

NM

PHONE NO.:

1.505.631.1836

E-MAIL:

GLOBAL ID NO.:

LAB USE ONLY

CONSULTANT PROJECT NO.:

106.001

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

LAB
USE
ONLY

Field Sample Identification

SAMPLING
DATE TIME

MATRIX

NO. OF
CONT.

Effluent

2/18/07

715

water

3

LRP-1

2/18/07

720

AIR

1

LRP-2

2/18/07

725

AIR

1

TPH 8015 PRO

BTEX 8021

X

X

X

NQB2226

03/07/07 23:59

TEMPERATURE ON RECEIPT C°

Relinquished by (Signature)

Relinquished by (Signature)

Received by (Signature)

Received by (Signature)

Relinquished by (Signature)

Received by (Signature)

Date

2-20-07

Time

0830

Date

2-21-07

Time

0740

05/02/06 Revision

O&G Graphic (714) 896-9702

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NOB2226

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x

Jal Station NM

Analysis	Due	Expires	Comments
Sample ID: NQB2226-02 Air Sampled: 02/18/07 07:20			
Subcontract - TPH 8015 DRO (03/05/07 15:00		11/13/09 08:20	GD Air Testing
Containers Supplied:			
Tedlar Bag 1L (A)			GD07-00 76-1
Sample ID: NQB2226-03 Air Sampled: 02/18/07 07:25			
Subcontract - TPH 8015 DRO (03/05/07 15:00		11/13/09 08:25	GD Air Testing
Containers Supplied:			-2
Tedlar Bag 1L (A)			

Released By

Date

Received By

Date

Released By

Date

Received By

Date



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00076-001**
Report Date: **02/23/07**
Date Analyzed: **02/23/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-022307BTX**
Method: **EPATO14**

Project No.: **NQB2226**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQB2226-02	Air	NA	02/18/07	02/23/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as Diesel	144.0		0.010	15.500	91.288
---------------	-------	--	-------	--------	--------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.69	93.8
Bromofluorobenzene (SS2)	175	460004	5.00	4.85	97.0

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L bag.

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.\022307.B\02230708.D

Report File: GD SR\ND:\Rpt02-TO14\GD07-00076-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00076-002**
Report Date: **02/23/07**
Date Analyzed: **02/23/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-022307BTX**
Method: **EPATO14**

Project No.: **NQB2226**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQB2226-03	Air	NA	02/18/07	02/23/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as Diesel	144.0		0.010	17.3	101.9
---------------	-------	--	-------	-------------	-------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.27	105.4
Bromofluorobenzene (SS2)	175	460004	5.00	4.83	96.6

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

AJ for Dr. Dai
George Dai, Ph.D.
Laboratory Director

Data File: gd5973.\022307.B\02230709.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-00076-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90223-001

Report Date:

02/26/07

Date Analyzed:

02/23/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-022307BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
blk	Air	laj	02/23/07 02/23/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.00	100.0
Bromofluorobenzene (SS2)	175	460004	5.00	4.56	91

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.1\022307.B\02230705.D

Report File: GD SRI\ID\IRpt02-TO14\GD07-90223-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90223-002

GD07-90223-003

Report Date: 02/26/07

Date Analyzed: 02/23/07

Project No.:

Analyzed by: LAJ

Method: EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	11.4	114	10.8	108	5.4
Toluene	10.0	11.5	115	10.9	109	5.4
Ethylbenzene	10.0	11.8	118	10.8	108	8.8
o-Xylene	10.0	11.8	118	11.0	110	7.0

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	5.15	103	5.06	101	1.8
Bromofluorobenzene (SS2)	5.00	5.08	102	4.97	99	2.2

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.\022307.B\02230706.D gd5973.\022307.B\02230707.D

Report File: GD\SR\ID\QC02-TO14\GD07-90223-002

March 20, 2007

2:19:06PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 03/07/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQC0803-01	03/06/07 08:00
LRP-1	NQC0803-02	03/06/07 08:10
LRP-2	NQC0803-03	03/06/07 08:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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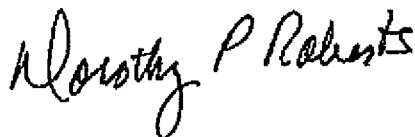
The Chain(s) of Custody, 8 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 03/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQC0803-01 (Effluent - Water) Sampled: 03/06/07 08:00								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/14/07 01:56	SW846 8021B	7032289
Ethylbenzene	ND		ug/L	1.00	1	03/14/07 01:56	SW846 8021B	7032289
Toluene	ND		ug/L	1.00	1	03/14/07 01:56	SW846 8021B	7032289
Xylenes, total	ND		ug/L	3.00	1	03/14/07 01:56	SW846 8021B	7032289
<i>Surr: a,a,a-Trifluorotoluene (57-145%)</i>	<i>108 %</i>					<i>03/14/07 01:56</i>	<i>SW846 8021B</i>	<i>7032289</i>

Sample ID: NQC0803-02 (LRP-1 - Air) Sampled: 03/06/07 08:10

Subcontracted Analysis

See Attached Report

Sample ID: NQC0803-03 (LRP-2 - Air) Sampled: 03/06/07 08:15

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 03/07/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7032289-BLK1						
Benzene	<0.610		ug/L	7032289	7032289-BLK1	03/13/07 19:13
Ethylbenzene	<0.460		ug/L	7032289	7032289-BLK1	03/13/07 19:13
Toluene	<0.600		ug/L	7032289	7032289-BLK1	03/13/07 19:13
Xylenes, total	<0.840		ug/L	7032289	7032289-BLK1	03/13/07 19:13
Surrogate: <i>a,a,a</i> -Trifluorotoluene	107%			7032289	7032289-BLK1	03/13/07 19:13
7032289-BLK2						
Benzene	<0.610		ug/L	7032289	7032289-BLK2	03/14/07 00:16
Ethylbenzene	<0.460		ug/L	7032289	7032289-BLK2	03/14/07 00:16
Toluene	<0.600		ug/L	7032289	7032289-BLK2	03/14/07 00:16
Xylenes, total	<0.840		ug/L	7032289	7032289-BLK2	03/14/07 00:16
Surrogate: <i>a,a,a</i> -Trifluorotoluene	105%			7032289	7032289-BLK2	03/14/07 00:16

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 03/07/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7032289-BS1								
Benzene	100	96.6		ug/L	97%	74 - 127	7032289	03/14/07 04:53
Ethylbenzene	100	88.6		ug/L	89%	74 - 128	7032289	03/14/07 04:53
Toluene	100	96.5		ug/L	96%	74 - 126	7032289	03/14/07 04:53
Xylenes, total	200	185		ug/L	92%	74 - 129	7032289	03/14/07 04:53
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	32.3			108%	57 - 145	7032289	03/14/07 04:53

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 03/07/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7032289-BSD1												
Benzene		94.6		ug/L	100	95%	74 - 127	2	30	7032289		03/14/07 05:18
Ethylbenzene		87.7		ug/L	100	88%	74 - 128	1	30	7032289		03/14/07 05:18
Toluene		94.8		ug/L	100	95%	74 - 126	2	46	7032289		03/14/07 05:18
Xylenes, total		182		ug/L	200	91%	74 - 129	2	36	7032289		03/14/07 05:18
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.0		ug/L	30.0	107%	57 - 145			7032289		03/14/07 05:18

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 03/07/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7032289-MS1										
Benzene	ND	46.8		ug/L	50.0	94%	61 - 153	7032289	NQC0666-02	03/14/07 09:45
Ethylbenzene	ND	52.4		ug/L	50.0	105%	64 - 151	7032289	NQC0666-02	03/14/07 09:45
Toluene	ND	54.4		ug/L	50.0	109%	59 - 152	7032289	NQC0666-02	03/14/07 09:45
Xylenes, total	ND	108		ug/L	100	108%	62 - 153	7032289	NQC0666-02	03/14/07 09:45
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.9		ug/L	30.0	110%	57 - 145	7032289	NQC0666-02	03/14/07 09:45

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQC0803
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 03/07/07 08:00

PROJECT QUALITY CONTROL DATA

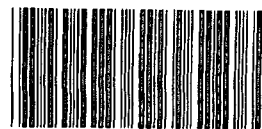
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7032289-MSD1												
Benzene	ND	46.2		ug/L	50.0	92%	61 - 153	1	30	7032289	NQC0666-02	03/14/07 10:10
Ethylbenzene	ND	51.8		ug/L	50.0	104%	64 - 151	1	30	7032289	NQC0666-02	03/14/07 10:10
Toluene	ND	53.9		ug/L	50.0	108%	59 - 152	0.9	46	7032289	NQC0666-02	03/14/07 10:10
Xylenes, total	ND	107		ug/L	100	107%	62 - 153	0.9	36	7032289	NQC0666-02	03/14/07 10:10
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.8		ug/L	30.0	109%	57 - 145			7032289	NQC0666-02	03/14/07 10:10



Nashville Division
COOLER RECEIPT FORM

BC#



NQC0803

Cooler Received/Opened On:

3/7/2007

8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

0940

FED-EX

Temperature of representative sample or temperature blank when opened:
(indicate IR Gun ID#)

1.6

Degrees Celsius

101507

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:

1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

WS

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact

YES NO NA

were these signed, and dated correctly?.....

YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated

YES

NO # 42030

Nashville Division COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: 3/7/2007 @ 8:00

Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 10/0

Fed-Ex

2. Temperature of representative sample or temperature blank when opened: NA Degrees Celsius
(indicate IR Gun ID#)

92171982

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ Calscience
☐ Other:



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES

☐ NETWORK DEV / FE

☐ COMPLIANCE

☐ BILL CONSULTANT

☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

PO #

SAP or CRMT #

INCIDENT # (ES ONLY)

DATE: 3-6-2007

PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS: 430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (hardcopy or PDF Report to):

John Savoie

TELEPHONE: 1.817.254.9466

FAX: 1.817.254.9224

E-MAIL: jsavoie@h2aenv.com

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS)

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED

☐ SHELL CONTRACT RATE APPLIES

☐ STATE REIMB RATE APPLIES

☐ RECEIPT VERIFICATION REQUESTED

LOG CODE

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDP DELIVERABLE TO Name, Company, Office Location:

John Savoie H2A Env., Jal NM

SAMPLER NAME(S) (Print):

John Savoie

PHONE NO:

1.505.631.1836

E-MAIL:

jsavoie@h2aenv.com

GLOBAL ID NO:

State

NM

CONSULTANT PROJECT NO:

106.001

LAB USE ONLY

REQUESTED ANALYSIS

FIELD NOTES:

 Container Preservative
 or PID Readings
 or Laboratory Notes

LAB USE ONLY

Field Sample Identification

NO. OF CONT.

MATRIX

DATE

TIME

Effluent

3/6/07

800

water

3

LRP-1

3/6/07

810

AIR

1

LRP-2

3/6/07

815

AIR

1

BTEX 8024

TPH 8015 DRO

NQC0803

03/21/07 23:59

Reinquished by (Signature)

Reinquished by (Signature)

Reinquished by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Date:

3-6-07

Time:

1100

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SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NOC0803

SENDING LABORATORY:

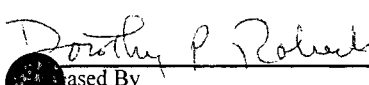
TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x

Jal Station NM
2 miles south of Jal, NM

Analysis	Due	Expires	Comments
Sample ID: NQC0803-02	Air	Sampled: 03/06/07 08:10	GD07-0100-1
Subcontract - TPH 8015 DRO (03/19/07 15:00		11/29/09 09:10	GD Air Testing
Containers Supplied:			
Tedlar Bag 1L (A)			
Sample ID: NQC0803-03	Air	Sampled: 03/06/07 08:15	-2
Subcontract - TPH 8015 DRO (03/19/07 15:00		11/29/09 09:15	GD Air Testing
Containers Supplied:			
Tedlar Bag 1L (A)			

	3/2/07		3/8/07 1000AM
Released By	Date	Received By	Date
Released By	Date	Received By	Date



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00100-001**
Report Date: **03/10/07**
Date Analyzed: **03/10/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-030907BTX**
Method: **EPATO14**

Project No.: **NQC0803**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQC0803-02	Air	BA	03/06/07	03/08/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
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VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	37.6	218
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Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.75	95.0
Bromofluorobenzene (SS2)	175	460004	5.00	4.75	95.0

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.\030907.B\03090730.D

Report File: GD SRID:\Rpt02-TO14\GD07-00100-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00100-002**
Report Date: **03/10/07**
Date Analyzed: **03/10/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-030907BTX**
Method: **EPATO14**

Project No.: **NQC0803**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQC0803-03	Air	BA	03/06/07	03/08/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	15.0	87.1
------------	-------	--	-------	-------------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.29	105.8
Bromofluorobenzene (SS2)	175	460004	5.00	4.55	91.0

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

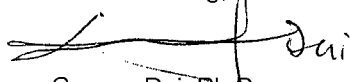
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.1\030907.B\03090731.D

Report File: GD SRID:\Rpt02-TO14\GD07-00100-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90309-001

Report Date:

03/12/07

Date Analyzed:

03/09/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-030907BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BLK	Air	LAJ	03/09/07 03/09/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.53	90.6
Bromofluorobenzene (SS2)	175	460004	5.00	4.83	97

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\030907.B\03090711.D

Report File: GD SR\ID\Rpt02-TO14\GD07-90309-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90309-002

GD07-90309-003

Report Date: 03/12/07

Date Analyzed: 03/09/07

Project No.:

Analyzed by: LAJ

Method: EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	9.10	91.0	9.20	92.0	1.09
Toluene	10.0	8.84	88.4	8.64	86.4	2.29
Ethylbenzene	10.0	9.14	91.4	8.93	89.3	2.32
o-Xylene	10.0	9.88	98.8	9.85	98.5	0.30

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.92	98	5.1	102	3.59
Bromofluorobenzene (SS2)	5.00	5.09	102	5.11	102	0.39

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\030907.B\03090712.D gd5973.i\030907.B\03090713.D

Report File: GD\SR\ID\QC02-TO14\GD07-90309-002

April 11, 2007

2:29:24PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 04/03/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQD0064-01	04/02/07 10:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.
This final analytical set is partial. The omitted subcontracted analysis, TPH 8015 DRO, is to be provided at a later date.

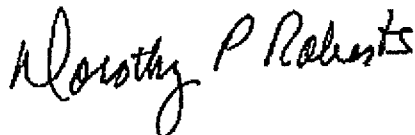
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQD0064-01RE1 (Effluent - Water) Sampled: 04/02/07 10:00								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	04/10/07 17:04	SW846 8021B	7041774
Ethylbenzene	ND		ug/L	1.00	1	04/10/07 17:04	SW846 8021B	7041774
Toluene	ND	L	ug/L	1.00	1	04/10/07 17:04	SW846 8021B	7041774
Xylenes, total	ND		ug/L	3.00	1	04/10/07 17:04	SW846 8021B	7041774
Surr: a,a,a-Trifluorotoluene (57-145%)	108 %					04/10/07 17:04	SW846 8021B	7041774

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7041774-BLK1						
Benzene	<0.610		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Ethylbenzene	<0.460		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Toluene	<0.600		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Xylenes, total	<0.840		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Surrogate: <i>a,a,a</i> -Trifluorotoluene	107%			7041774	7041774-BLK1	04/10/07 16:32

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7041774-BS1								
Benzene	20.0	24.0		ug/L	120%	74 - 127	7041774	04/10/07 22:25
Ethylbenzene	20.0	20.8		ug/L	104%	74 - 128	7041774	04/10/07 22:25
Toluene	20.0	26.4	L	ug/L	132%	74 - 126	7041774	04/10/07 22:25
Xylenes, total	60.0	74.0		ug/L	123%	74 - 129	7041774	04/10/07 22:25
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	32.1			107%	57 - 145	7041774	04/10/07 22:25

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7041774-BSD1												
Benzene		22.8		ug/L	20.0	114%	74 - 127	5	30	7041774		04/10/07 22:57
Ethylbenzene		20.6		ug/L	20.0	103%	74 - 128	1	30	7041774		04/10/07 22:57
Toluene		21.5		ug/L	20.0	108%	74 - 126	20	46	7041774		04/10/07 22:57
Xylenes, total		65.2		ug/L	60.0	109%	74 - 129	13	36	7041774		04/10/07 22:57
Surrogate: <i>a,a,a</i> -Trifluorotoluene		31.4		ug/L	30.0	105%	57 - 145			7041774		04/10/07 22:57

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

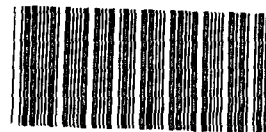
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



Nashville Division
COOLER RECEIPT FORM

BC#



NQD0064

Cooler Received/Opened On 04/03/07 0810

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

8590

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: 2.4 Degrees Celsius
(indicate IR Gun ID#)

NA

A00466

A00750

A01124

101282

Raynger ST

90943149

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... HP

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... J

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... J

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

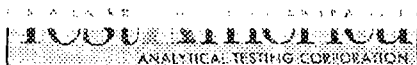
18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... J

I certify that I attached a label with the unique LIMS number to each container (initial)..... J

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES

NO # 42523



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: April 3, 2007 @ 8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4599

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: NA Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☐ TA - Nashville, Tennessee
☐ Calscience
☐ Other



SHELL Chain of Custody Record

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE

☐ BILL CONSULTANT
☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

PO #

SAP or CRMT #

DATE: 4-2-2007

PAGE: 1 of 1

SAMPLING COMPANY

H2A Environmental Ltd.

ADDRESS: 430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (Hardcopy or PDF Report to):

John Savoie

TELEPHONE: 1.817.254.9466

FAX: 1.817.254.9224

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

LOG CODE:

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location):

John Savoie, H2A Env., Jal NM

SAMPLER NAME(S) (print):

John Savoie

State

NM

PHONE NO:

1.505.631.1836

E-MAIL:

nsavoie@h2aenv.com

GLOBAL ID NO:

LAB USE ONLY

CONSULTANT PROJECT NO:

106.001

REQUESTED ANALYSIS

FIELD NOTES:

 ContainertPreservative
 or PID Readings
 or Laboratory Notes

LAB USE ONLY

Field Sample Identification

	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
Effluent	4/2/07	1000	water	3
LRP-1	4/2/07	1010	AIR	1
LRP-2	4/2/07	1015	AIR	1

BTEX 8021

TFH 8015 DRO

NQD0064

04/17/07 23:59

TEMPERATURE ON RECEIPT C°

Requisitioned by: (Signature)

Requisitioned by: (Signature)

Requisitioned by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date: 4-2-07

Date: 4-2-07

Date: 4-3-07

Time: 1300

Time: 1300

Time: 0816

05/02/06 Revision

Q&O Graphic (714) 898-9702

April 17, 2007

5:16:45PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 04/03/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQD0064-01	04/02/07 10:00
LRP-1	NQD0064-02	04/02/07 10:10
LRP-2	NQD0064-03	04/02/07 10:15

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.
This final analytical set is partial. The omitted subcontracted analysis, TPH 8015 DRO, is to be provided at a later date.

4/17/07 revised report to include TPH 8015 DRO analysis information.

The Chain(s) of Custody, 8 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts
Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQD0064-01RE1 (Effluent - Water) Sampled: 04/02/07 10:00								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	04/10/07 17:04	SW846 8021B	7041774
Ethylbenzene	ND		ug/L	1.00	1	04/10/07 17:04	SW846 8021B	7041774
Toluene	ND	L	ug/L	1.00	1	04/10/07 17:04	SW846 8021B	7041774
Xylenes, total	ND		ug/L	3.00	1	04/10/07 17:04	SW846 8021B	7041774
Surr: a,a,a-Trifluorotoluene (57-145%)	108 %					04/10/07 17:04	SW846 8021B	7041774

Sample ID: NQD0064-02 (LRP-1 - Air) Sampled: 04/02/07 10:10

Subcontracted Analysis
See Attached Report

Sample ID: NQD0064-03 (LRP-2 - Air) Sampled: 04/02/07 10:15

Subcontracted Analysis
See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7041774-BLK1						
Benzene	<0.610		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Ethylbenzene	<0.460		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Toluene	<0.600		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Xylenes, total	<0.840		ug/L	7041774	7041774-BLK1	04/10/07 16:32
Surrogate: <i>a,a,a</i> -Trifluorotoluene	107%			7041774	7041774-BLK1	04/10/07 16:32

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7041774-BS1								
Benzene	20.0	24.0		ug/L	120%	74 - 127	7041774	04/10/07 22:25
Ethylbenzene	20.0	20.8		ug/L	104%	74 - 128	7041774	04/10/07 22:25
Toluene	20.0	26.4	L	ug/L	132%	74 - 126	7041774	04/10/07 22:25
Xylenes, total	60.0	74.0		ug/L	123%	74 - 129	7041774	04/10/07 22:25
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	32.1			107%	57 - 145	7041774	04/10/07 22:25

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7041774-BSD1												
Benzene		22.8		ug/L	20.0	114%	74 - 127	5	30	7041774		04/10/07 22:57
Ethylbenzene		20.6		ug/L	20.0	103%	74 - 128	1	30	7041774		04/10/07 22:57
Toluene		21.5		ug/L	20.0	108%	74 - 126	20	46	7041774		04/10/07 22:57
Xylenes, total		65.2		ug/L	60.0	109%	74 - 129	13	36	7041774		04/10/07 22:57
Surrogate: <i>a,a,a</i> -Trifluorotoluene		31.4		ug/L	30.0	105%	57 - 145			7041774		04/10/07 22:57

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQD0064
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 04/03/07 08:10

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



Nashville Division

COOLER RECEIPT FORM

BC#



NQD0064

Cooler Received/Opened On 04/03/07 0810

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below:

8590

Fed-Ex

UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: 2.4 Degrees Celsius (indicate IR Gun ID#)

NA

A00466

A00750

A01124

101282

Raynger ST

90943149

3. Were custody seals on outside of cooler? YES NO NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly? YES NO NA

5. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-5 (initial): KP

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly? YES NO NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)? YES NO NA

10. Were all container labels complete (#, date, signed, pres., etc)? YES NO NA

11. Did all container labels and tags agree with custody papers? YES NO NA

12. a. Were VOA vials received? YES NO NA

b. Was there any observable head space present in any VOA vial? YES NO NA

I certify that I unloaded the cooler and answered questions 6-12 (initial): J

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used? YES NO NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present? YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial): J

15. Were custody papers properly filled out (ink, signed, etc)? YES NO NA

16. Did you sign the custody papers in the appropriate place? YES NO NA

17. Were correct containers used for the analysis requested? YES NO NA

18. Was sufficient amount of sample sent in each container? YES NO NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial): J

I certify that I attached a label with the unique LIMS number to each container (initial): J

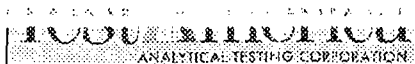
19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO

42523

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06



Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: April 3, 2007 @ 8:10

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4599

Fed-Ex UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: NA Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: _____

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial).....

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial).....

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial).....

I certify that I attached a label with the unique LIMS number to each container (initial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ Caliscience
☐ Other



SHELL Chain of Custody Record

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES

☐ NETWORK DEV / FE

☐ COMPLIANCE

☐ BILL CONSULTANT

☐ RMT/CSMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

PO #

SAP or CRMT #

DATE: 4-2-2007

PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS: 430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (Hardcopy or PDF Report to):

John Savoie

TELEPHONE: 1.817.254.9466

FAX: 1.817.254.9224

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location):

John Savoie H2A Env., Jal NM

SAMPLER NAME(S) (Print):

John Savoie

PHONE NO.:

1.505.631.1836

E-MAIL:

REMOVED@h2a.com

GLOBAL ID NO.:

State

NM

LAB USE ONLY

CONSULTANT PROJECT NO.:

106.001

REQUESTED ANALYSIS

FIELD NOTES:

 Containers Preservative
 or PID Readings
 or Laboratory Notes

LAB USE ONLY

Field Sample Identification

SAMPLING DATE

TIME

MATRIX

NO. OF CONT.

Effluent

4/2/07

1000

water

3

LRP-1

4/2/07

1010

AIR

1

LRP-2

4/2/07

1015

AIR

1

X

X

X

BTEX 8021

X

X

X

TPH 8015 DRO

X

X

X

NPD0064

04/17/07 23:59

TEMPERATURE ON RECEIPT C°

Relinquished by (Signature)

Relinquished by (Signature)

Relinquished by (Signature)

Received by (Signature)

Received by (Signature)

Received by (Signature)

Date: 4-2-07

Date: 4-2-07

Date: 4-3-07

Time: 1300

Time: 1300

Time: 0816

05/02/06 Revision

Q&O Graphic (714) 898-9702



CLIENT: Dorothy Roberts
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00122-001**
Report Date: 04/04/07
Date Analyzed: 04/04/07
Analyzed by: LAJ
GD Air QC Batch: **QC-040407BTX**
Method: EPATO14

Project No.: **NQD0064**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQD0064-02	Air	NA	04/02/07	04/04/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	15.40	89.4
------------	-------	--	-------	--------------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.51	90.2
Bromofluorobenzene (SS2)	175	460004	5.00	4.73	94.6

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

George Dai
George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\040407.B\04040708.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-00122-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00122-002**
Report Date: **04/04/07**
Date Analyzed: **04/04/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-040407BTX**
Method: **EPATO14**

Project No.: **NQD0064**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
NQD0064-03	Air	NA	04/02/07 04/04/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	17.6	102.2
------------	-------	--	-------	------	-------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.54	90.8
Bromofluorobenzene (SS2)	175	460004	5.00	5.29	105.8

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

George Dai
George Dai, Ph.D.
Laboratory Director

Data File: gd5973.1\040407.B\04040709.D
Report File: GD SRID:\Rpt02-TO14\GD07-00122-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90404-001

Report Date:

04/05/07

Date Analyzed:

04/04/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-040407BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	LAJ	04/04/07	04/04/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.49	89.8
Bromofluorobenzene (SS2)	175	460004	5.00	4.50	90

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\040407.B\04040705.D

Report File: GD SRI\ID:\Rpt02-TO14\GD07-90404-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90404-002

GD07-90404-003

Report Date: 04/05/07

Date Analyzed: 04/04/07

Project No.:

Analyzed by: LAJ

Method: EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	10.1	101	10.1	101	0.00
Toluene	10.0	10.9	109	10.8	108	0.92
Ethylbenzene	10.0	11.8	118	11.7	117	0.85
o-Xylene	10.0	13.3	133	13.3	133	0.00

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.63	93	4.55	91	1.74
Bromofluorobenzene (SS2)	5.00	5.49	110	5.48	110	0.18

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.1\040407.B\04040706.D gd5973.1\040407.B\04040707.D

Report File: GD\SR\ID\QC02-TO14\GD07-90404-002

SUBCONTRACT ORDER

TestAmerica - Nashville, TN

NQD0064

4/13/07

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x

Jal Station NM
2 miles south of Jal, NM

Analysis	Due	Expires	Comments
Sample ID: NQD0064-02	Air	Sampled: 04/02/07 10:10	
Subcontract - TPH 8015 DRO (04/13/07 15:00)		12/26/09 10:10	GD Air Testing
Containers Supplied:			
Tedlar Bag 1L (A)			61007-0122-1
Sample ID: NQD0064-03	Air	Sampled: 04/02/07 10:15	
Subcontract - TPH 8015 DRO (04/13/07 15:00)		12/26/09 10:15	GD Air Testing
Containers Supplied:			
Tedlar Bag 1L (A)			-2

* Ship Cooler back to client AS

Released By	Date	Received By	Date
Dorothy P Roberts	4/3/07	A. Sanchez	4/4/07 9:30am
Released By	Date	Received By	Date

May 10, 2007

10:03:22AM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 05/02/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQE0197-01	05/01/07 07:20

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

This final analytical set is partial. The omitted analysis, subcontracted work for TPH 8015 DRO, is to be completed at a later date.

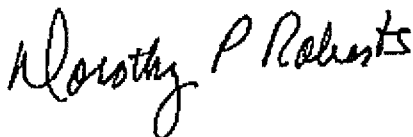
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE0197-01RE1 (Effluent - Water) Sampled: 05/01/07 07:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/08/07 23:33	SW846 8021B	7051578
Ethylbenzene	4.32		ug/L	1.00	1	05/06/07 03:22	SW846 8021B	7050898
Toluene	3.09		ug/L	1.00	1	05/06/07 03:22	SW846 8021B	7050898
Xylenes, total	5.62		ug/L	3.00	1	05/06/07 03:22	SW846 8021B	7050898
Surr: a,a,a-Trifluorotoluene (57-145%)	100 %					05/06/07 03:22	SW846 8021B	7050898
Surr: a,a,a-Trifluorotoluene (57-145%)	94 %					05/08/07 23:33	SW846 8021B	7051578

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
---------	-------------	---	-------	------------	------------	--------------------

Volatile Organic Compounds by EPA Method 8021B

7050898-BLK1

Benzene	<0.610		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Ethylbenzene	<0.460		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Toluene	<0.600		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Xylenes, total	<0.840		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Surrogate: a,a,a-Trifluorotoluene	104%			7050898	7050898-BLK1	05/05/07 23:38

7050898-BLK2

Benzene	<0.610		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Ethylbenzene	<0.460		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Toluene	<0.600		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Xylenes, total	<0.840		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Surrogate: a,a,a-Trifluorotoluene	96%			7050898	7050898-BLK2	05/06/07 05:49

7051578-BLK1

Benzene	<0.610		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Ethylbenzene	<0.460		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Toluene	<0.600		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Xylenes, total	<0.840		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Surrogate: a,a,a-Trifluorotoluene	91%			7051578	7051578-BLK1	05/08/07 23:05

7051578-BLK2

Benzene	<0.610		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Ethylbenzene	<0.460		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Toluene	<0.600		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Xylenes, total	<0.840		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Surrogate: a,a,a-Trifluorotoluene	87%			7051578	7051578-BLK2	05/09/07 04:27

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7050898-BS1								
Benzene	100	97.9		ug/L	98%	74 - 127	7050898	05/06/07 11:10
Ethylbenzene	100	99.5		ug/L	100%	74 - 128	7050898	05/06/07 11:10
Toluene	100	98.4		ug/L	98%	74 - 126	7050898	05/06/07 11:10
Xylenes, total	200	194		ug/L	97%	74 - 129	7050898	05/06/07 11:10
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	33.1			110%	57 - 145	7050898	05/06/07 11:10
7051578-BS1								
Benzene	100	94.5		ug/L	94%	74 - 127	7051578	05/09/07 07:53
Ethylbenzene	100	95.3		ug/L	95%	74 - 128	7051578	05/09/07 07:53
Toluene	100	90.8		ug/L	91%	74 - 126	7051578	05/09/07 07:53
Xylenes, total	200	179		ug/L	90%	74 - 129	7051578	05/09/07 07:53
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	24.4			81%	57 - 145	7051578	05/09/07 07:53

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7050898-MS1										
Benzene	ND	56.6		ug/L	50.0	113%	61 - 153	7050898	NQE0001-01	05/08/07 13:04
Ethylbenzene	0.0610	54.5		ug/L	50.0	109%	64 - 151	7050898	NQE0001-01	05/08/07 13:04
Toluene	0.165	54.3		ug/L	50.0	108%	59 - 152	7050898	NQE0001-01	05/08/07 13:04
Xylenes, total	0.0820	107		ug/L	100	107%	62 - 153	7050898	NQE0001-01	05/08/07 13:04
Surrogate: <i>a,a,a</i> -Trifluorotoluene		33.1		ug/L	30.0	110%	57 - 145	7050898	NQE0001-01	05/08/07 13:04
7051578-MS1										
Benzene	ND	66.9		ug/L	50.0	134%	61 - 153	7051578	NQE0879-11	05/09/07 08:44
Ethylbenzene	0.0320	66.0		ug/L	50.0	132%	64 - 151	7051578	NQE0879-11	05/09/07 08:44
Toluene	0.0490	62.7		ug/L	50.0	125%	59 - 152	7051578	NQE0879-11	05/09/07 08:44
Xylenes, total	0.0860	128		ug/L	100	128%	62 - 153	7051578	NQE0879-11	05/09/07 08:44
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.2		ug/L	30.0	107%	57 - 145	7051578	NQE0879-11	05/09/07 08:44

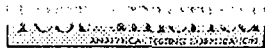
Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

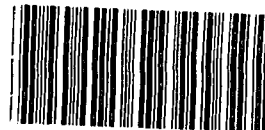
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7050898-MSD1												
Benzene	ND	52.6		ug/L	50.0	105%	61 - 153	7	30	7050898	NQE0001-01	05/08/07 13:33
Ethylbenzene	0.0610	52.4		ug/L	50.0	105%	64 - 151	4	30	7050898	NQE0001-01	05/08/07 13:33
Toluene	0.165	51.6		ug/L	50.0	103%	59 - 152	5	46	7050898	NQE0001-01	05/08/07 13:33
Xylenes, total	0.0820	103		ug/L	100	103%	62 - 153	4	36	7050898	NQE0001-01	05/08/07 13:33
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.8		ug/L	30.0	109%	57 - 145			7050898	NQE0001-01	05/08/07 13:33
7051578-MSD1												
Benzene	ND	57.6		ug/L	50.0	115%	61 - 153	15	30	7051578	NQE0879-11	05/09/07 12:32
Ethylbenzene	0.0320	55.8		ug/L	50.0	112%	64 - 151	17	30	7051578	NQE0879-11	05/09/07 12:32
Toluene	0.0490	53.2		ug/L	50.0	106%	59 - 152	16	46	7051578	NQE0879-11	05/09/07 12:32
Xylenes, total	0.0860	109		ug/L	100	109%	62 - 153	16	36	7051578	NQE0879-11	05/09/07 12:32
Surrogate: <i>a,a,a</i> -Trifluorotoluene		26.7		ug/L	30.0	89%	57 - 145			7051578	NQE0879-11	05/09/07 12:32



Nashville, TN

COOLER RECEIPT FORM



Cooler Received/Opened On 05/02/07 @ 07:50

NQE0197

1. Tracking # 4603 (last 4 digits, FedEx)Courier: FED-EX IR Gun ID A011242. Temperature of rep. sample or temp blank when opened: 9.8 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 1 - Front

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) BO

7. Were custody seals on containers:

YES

NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # 2I certify that I unloaded the cooler and answered questions 7-14 (initial) JS15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) BO

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) BOI certify that I attached a label with the unique LIMS number to each container (initial) BO

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

COOLER RECEIPT FORM

Cooler Received/Opened On 05/02/07 @ 07:50

1. Tracking # 2310 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 11/K Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 1 - FRONT

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) AW

7. Were custody seals on containers:

YES NO and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) J

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance Issues at login? YES...NO Was a PIPE generated? YES...NO...# 43073

SAME
AS
4603

May 11, 2007

3:56:05PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 05/02/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQE0197-01	05/01/07 07:20
LRP-1	NQE0197-02	05/01/07 07:25
LRP-2	NQE0197-03	05/01/07 07:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

This final analytical set is partial. The omitted analysis, subcontracted work for TPH 8015 DRO, is to be completed at a later date.

May 11, 2007 revised report issued for subcontracted work addition.

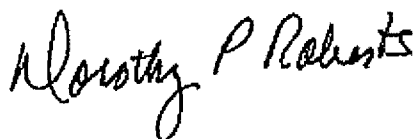
The Chain(s) of Custody, 9 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE0197-01RE1 (Effluent - Water) Sampled: 05/01/07 07:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/08/07 23:33	SW846 8021B	7051578
Ethylbenzene	4.32		ug/L	1.00	1	05/06/07 03:22	SW846 8021B	7050898
Toluene	3.09		ug/L	1.00	1	05/06/07 03:22	SW846 8021B	7050898
Xylenes, total	5.62		ug/L	3.00	1	05/06/07 03:22	SW846 8021B	7050898
Surr: a,a,a-Trifluorotoluene (57-145%)	100 %					05/06/07 03:22	SW846 8021B	7050898
Surr: a,a,a-Trifluorotoluene (57-145%)	94 %					05/08/07 23:33	SW846 8021B	7051578

Sample ID: NQE0197-02 (LRP-1 - Air) Sampled: 05/01/07 07:25

Subcontracted Analysis

See Attached Report

Sample ID: NQE0197-03 (LRP-2 - Air) Sampled: 05/01/07 07:30

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7050898-BLK1						
Benzene	<0.610		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Ethylbenzene	<0.460		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Toluene	<0.600		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Xylenes, total	<0.840		ug/L	7050898	7050898-BLK1	05/05/07 23:38
Surrogate: <i>a,a,a</i> -Trifluorotoluene	104%			7050898	7050898-BLK1	05/05/07 23:38
7050898-BLK2						
Benzene	<0.610		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Ethylbenzene	<0.460		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Toluene	<0.600		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Xylenes, total	<0.840		ug/L	7050898	7050898-BLK2	05/06/07 05:49
Surrogate: <i>a,a,a</i> -Trifluorotoluene	96%			7050898	7050898-BLK2	05/06/07 05:49
7051578-BLK1						
Benzene	<0.610		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Ethylbenzene	<0.460		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Toluene	<0.600		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Xylenes, total	<0.840		ug/L	7051578	7051578-BLK1	05/08/07 23:05
Surrogate: <i>a,a,a</i> -Trifluorotoluene	91%			7051578	7051578-BLK1	05/08/07 23:05
7051578-BLK2						
Benzene	<0.610		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Ethylbenzene	<0.460		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Toluene	<0.600		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Xylenes, total	<0.840		ug/L	7051578	7051578-BLK2	05/09/07 04:27
Surrogate: <i>a,a,a</i> -Trifluorotoluene	87%			7051578	7051578-BLK2	05/09/07 04:27

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7050898-BS1								
Benzene	100	97.9		ug/L	98%	74 - 127	7050898	05/06/07 11:10
Ethylbenzene	100	99.5		ug/L	100%	74 - 128	7050898	05/06/07 11:10
Toluene	100	98.4		ug/L	98%	74 - 126	7050898	05/06/07 11:10
Xylenes, total	200	194		ug/L	97%	74 - 129	7050898	05/06/07 11:10
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	33.1			110%	57 - 145	7050898	05/06/07 11:10
7051578-BS1								
Benzene	100	94.5		ug/L	94%	74 - 127	7051578	05/09/07 07:53
Ethylbenzene	100	95.3		ug/L	95%	74 - 128	7051578	05/09/07 07:53
Toluene	100	90.8		ug/L	91%	74 - 126	7051578	05/09/07 07:53
Xylenes, total	200	179		ug/L	90%	74 - 129	7051578	05/09/07 07:53
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	24.4			81%	57 - 145	7051578	05/09/07 07:53

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7050898-MS1										
Benzene	ND	56.6		ug/L	50.0	113%	61 - 153	7050898	NQE0001-01	05/08/07 13:04
Ethylbenzene	0.0610	54.5		ug/L	50.0	109%	64 - 151	7050898	NQE0001-01	05/08/07 13:04
Toluene	0.165	54.3		ug/L	50.0	108%	59 - 152	7050898	NQE0001-01	05/08/07 13:04
Xylenes, total	0.0820	107		ug/L	100	107%	62 - 153	7050898	NQE0001-01	05/08/07 13:04
Surrogate: <i>a,a,a</i> -Trifluorotoluene		33.1		ug/L	30.0	110%	57 - 145	7050898	NQE0001-01	05/08/07 13:04
7051578-MS1										
Benzene	ND	66.9		ug/L	50.0	134%	61 - 153	7051578	NQE0879-11	05/09/07 08:44
Ethylbenzene	0.0320	66.0		ug/L	50.0	132%	64 - 151	7051578	NQE0879-11	05/09/07 08:44
Toluene	0.0490	62.7		ug/L	50.0	125%	59 - 152	7051578	NQE0879-11	05/09/07 08:44
Xylenes, total	0.0860	128		ug/L	100	128%	62 - 153	7051578	NQE0879-11	05/09/07 08:44
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.2		ug/L	30.0	107%	57 - 145	7051578	NQE0879-11	05/09/07 08:44

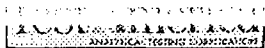
Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE0197
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/02/07 07:50

PROJECT QUALITY CONTROL DATA

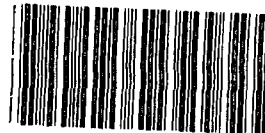
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7050898-MSD1												
Benzene	ND	52.6		ug/L	50.0	105%	61 - 153	7	30	7050898	NQE0001-01	05/08/07 13:33
Ethylbenzene	0.0610	52.4		ug/L	50.0	105%	64 - 151	4	30	7050898	NQE0001-01	05/08/07 13:33
Toluene	0.165	51.6		ug/L	50.0	103%	59 - 152	5	46	7050898	NQE0001-01	05/08/07 13:33
Xylenes, total	0.0820	103		ug/L	100	103%	62 - 153	4	36	7050898	NQE0001-01	05/08/07 13:33
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.8		ug/L	30.0	109%	57 - 145			7050898	NQE0001-01	05/08/07 13:33
7051578-MSD1												
Benzene	ND	57.6		ug/L	50.0	115%	61 - 153	15	30	7051578	NQE0879-11	05/09/07 12:32
Ethylbenzene	0.0320	55.8		ug/L	50.0	112%	64 - 151	17	30	7051578	NQE0879-11	05/09/07 12:32
Toluene	0.0490	53.2		ug/L	50.0	106%	59 - 152	16	46	7051578	NQE0879-11	05/09/07 12:32
Xylenes, total	0.0860	109		ug/L	100	109%	62 - 153	16	36	7051578	NQE0879-11	05/09/07 12:32
Surrogate: <i>a,a,a</i> -Trifluorotoluene		26.7		ug/L	30.0	89%	57 - 145			7051578	NQE0879-11	05/09/07 12:32



Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 05/02/07 @ 07:50

NQE0197

1. Tracking # 4603 (last 4 digits, FedEx)Courier: FED-EX IR Gun ID A011242. Temperature of rep. sample or temp blank when opened: 2.8 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES ☒ NO ☒ NA

4. Were custody seals on outside of cooler?

YES ☒ NO ☒ NAIf yes, how many and where: 1 - FEAST

5. Were the seals intact, signed, and dated correctly?

YES ☒ NO ☒ NA

6. Were custody papers inside cooler?

YES ☒ NO ☒ NAI certify that I opened the cooler and answered questions 1-6 (initial) Be

7. Were custody seals on containers:

YES

☒ NO

and Intact

YES ☒ NO ☒ NA

Were these signed and dated correctly?

YES ☒ NO ☒ NA8. Packing mat'l used? Bubblewrap ☒ Plastic bag ☒ Peanuts ☒ Vermiculite ☒ Foam Insert ☒ Paper ☒ Other ☒ None

9. Cooling process:

☒ Ice☐ Ice-pack☐ Ice (direct contact)☐ Dry ice☐ Other☐ None

10. Did all containers arrive in good condition (unbroken)?

YES ☒ NO ☒ NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES ☒ NO ☒ NA

12. Did all container labels and tags agree with custody papers?

YES ☒ NO ☒ NA

13a. Were VOA vials received?

YES ☒ NO ☒ NA

b. Was there any observable headspace present in any VOA vial?

YES ☒ NO ☒ NA

14. Was there a Trip Blank in this cooler?

YES ☒ NO ☒ NAIf multiple coolers, sequence # 2I certify that I unloaded the cooler and answered questions 7-14 (initial) JS15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES ☒ NO ☒ NA

b. Did the bottle labels indicate that the correct preservatives were used

YES ☒ NO ☒ NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES ☒ NO ☒ NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) Be

17. Were custody papers properly filled out (ink, signed, etc)?

YES ☒ NO ☒ NA

18. Did you sign the custody papers in the appropriate place?

YES ☒ NO ☒ NA

19. Were correct containers used for the analysis requested?

YES ☒ NO ☒ NA

20. Was sufficient amount of sample sent in each container?

YES ☒ NO ☒ NAI certify that I entered this project into LIMS and answered questions 17-20 (initial) BeI certify that I attached a label with the unique LIMS number to each container (initial) Be21. Were there Non-Conformance issues at login? YES ☒ NO ☒ Was a PIPE generated? YES ☒ NO ☒ # _____

NQE0197

05/16/07 23:59



SHELL Chain of Custody Record

LAB:

- ☐ TA - Irvine, California
- ☐ TA - Morgan Hill, California
- ☐ TA - Sacramento, California
- ☒ TA - Nashville, Tennessee
- ☐ Calcedone
- ☐ Other

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES

☐ NETWORK DEV / FE

☐ COMPLIANCE

☐ BILL CONSULTANT

☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

PO #

INCIDENT # (ES ONLY)
3 0 0 1 4 3

SAP or CRMT #

DATE: 5-1-2007

PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS:

430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (hardcopy or PDF Report to):

John Savoie

TELEPHONE:

1.817.254.9466

FAX:

1.817.254.9224

EMAIL:

jsavoie@h2aenv.com

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ L1 - RWOCB REPORT FORMAT ☐ UST AGENCY:

☐ EDD NOT NEEDED

☐ SHELL CONTRACT RATE APPLIES

☐ STATE REIMB RATE APPLIES

☐ RECEIPT VERIFICATION REQUESTED

REQUESTED ANALYSIS

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location):

John Savoie, H2A Env., Jal NM

SAMPLER NAME(S) (Print):

John Savoie

PHONE NO.:

1.505.631.1836

STATE:

NM

GLOBAL ID NO.:

LAB USE ONLY

CONSULTANT PROJECT NO.:

106.001

Field Sample Identification

LAB USE ONLY

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

MATRIX

NO. OF CONT.

DATE

TIME

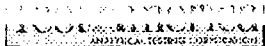
MATRIX

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

-4.8



Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 05/02/07 @ 07:50

1. Tracking # 2310 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 11/K Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 1-FRONT

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial)

7. Were custody seals on containers:

YES NO and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)

I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 43073

SAME
AS
4603

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NQE0197

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone: (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C

Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Due	Expires	Comments
Sample ID: NQE0197-02	Air	Sampled: 05/01/07 07:25	
Subcontract - TPH 8015 DR05/14/07 15:00	01/24/10 07:25	GD Air Testing	
Containers Supplied:			
Tedlar Bag 1L (A)			GD07-0164-1
Sample ID: NQE0197-03	Air	Sampled: 05/01/07 07:30	
Subcontract - TPH 8015 DR05/14/07 15:00	01/24/10 07:30	GD Air Testing	
Containers Supplied:			
Tedlar Bag 1L (A)			2

Dorothy Roberts
Released By

5/2/07
Date/Time

Released By

Date/Time

Received By

Date/Time

Received By

Date/Time

TestAmerica

ANALYTICAL TESTING CORPORATION

Ship to:

Company **GD Air Testing**
Address **903 North Bowser Road, Ste 200**
City, State, Zip **Richardson TX 75081**
Attn **(972) 480-8908**

Shipping Manifest (Copy)

Not for use as a COC

Order # **2764-05022007-1019**
Project **Special Shipping**
Account # **14031**
Company **GD Air Testing**
Address **903 North Bowser Road, Ste 200**

NQE0197

Client notes



* X X 0 0 0 2 7 6 4 - 0 5 0 2 0 7 - 1 0 1 9 *

Date Shipped:	<u>5-2-07</u>
Shipper's Initials	<u>RJW</u>
Insurance Amount	<u></u>
Shipping Weight	<u>(1)</u>
Shipper	<u></u>



CLIENT: Dorothy Roberts
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

Project No.: NQE197

GD Air Testing Lab. ID: **GD07-00164-001**
Report Date: 05/04/07
Date Analyzed: 05/04/07
Analyzed by: LAJ
GD Air QC Batch: **QC-050407BTX**
Method: EPATO14

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQE197-02	Air	NA	05/01/07	05/04/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	16.5	95.8
------------	-------	--	-------	------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.08	81.6
Bromofluorobenzene (SS2)	175	460004	5.00	4.90	98.0

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

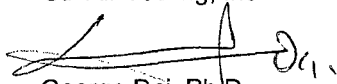
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\050407.B\05040709.D
Report File: GD SR\ID:\Rpt02-TO14\GD07-00164-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

Project No.: **NQE197**

GD Air Testing Lab. ID: **GD07-00164-002**
Report Date: **05/04/07**
Date Analyzed: **05/04/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-050407BTX**
Method: **EPATO14**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQE197-03	Air	NA	05/01/07	05/04/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	11.500	66.789
------------	-------	--	-------	---------------	--------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.54	90.8
Bromofluorobenzene (SS2)	175	460004	5.00	5.11	102.2

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

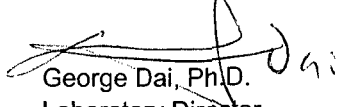
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.\050407.B\05040711.D
Report File: GD SR\ID:\Rpt02-TO14\GD07-00164-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90504-001

Report Date:

05/07/07

Date Analyzed:

05/04/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-050407BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BLK	Air	LAJ	05/04/07 05/04/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.60	92.0
Bromofluorobenzene (SS2)	175	460004	5.00	4.43	89

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\050407.B\05040706.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-90504-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90504-002

GD07-90504-003

Report Date:

05/07/07

Date Analyzed:

05/04/07

Project No.:

Analyzed by:

LAJ

Method:

EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
Bs/Bsd	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	9.5	95	9.2	92	3.86
Toluene	10.0	7.9	79	7.2	72	8.88
Ethylbenzene	10.0	9.2	92	7.5	75	20.49
o-Xylene	10.0	9.6	96	6.9	69	32.34

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	5.33	107	6.06	121	12.82
Bromofluorobenzene (SS2)	5.00	5.64	113	4.90	98	14.04

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

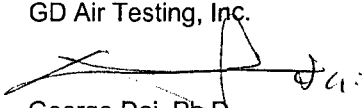
* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\050407.B\05040707.D gd5973.i\050407.B\05040715.D

Report File: GD\SR\ID\QC02-TO14\GD07-90504-002

June 22, 2007

2:10:54PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 06/09/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQF1135-01	06/08/07 08:30
LRP-1	NQF1135-02	06/08/07 08:40
LRP-2	NQF1135-03	06/08/07 08:45

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

June 22, 2007 Revised report issued for subcontracted analytical addition.

The Chain(s) of Custody, 7 pages, are included and are an integral part of this report.

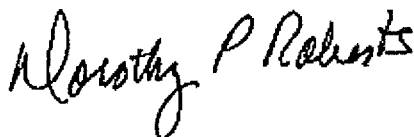
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 06/09/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQF1135-01 (Effluent - Water) Sampled: 06/08/07 08:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	06/18/07 00:40	SW846 8021B	7063007
Ethylbenzene	ND		ug/L	1.00	1	06/18/07 00:40	SW846 8021B	7063007
Toluene	ND		ug/L	1.00	1	06/18/07 00:40	SW846 8021B	7063007
Xylenes, total	ND		ug/L	3.00	1	06/18/07 00:40	SW846 8021B	7063007
/ Surr: a,a,a-Trifluorotoluene (57-145%) 111 % 06/18/07 00:40 SW846 8021B 7063007								

Sample ID: NQF1135-02 (LRP-1 - Air) Sampled: 06/08/07 08:40

Subcontracted Analysis

See Attached Report

Sample ID: NQF1135-03 (LRP-2 - Air) Sampled: 06/08/07 08:45

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 06/09/07 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7063007-BLK1						
Benzene	<0.610		ug/L	7063007	7063007-BLK1	06/17/07 22:54
Ethylbenzene	<0.460		ug/L	7063007	7063007-BLK1	06/17/07 22:54
Toluene	<0.600		ug/L	7063007	7063007-BLK1	06/17/07 22:54
Xylenes, total	<0.840		ug/L	7063007	7063007-BLK1	06/17/07 22:54
Surrogate: <i>a,a,a</i> -Trifluorotoluene	116%			7063007	7063007-BLK1	06/17/07 22:54

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 06/09/07 07:50

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7063007-BS1								
Benzene	100	102		ug/L	102%	74 - 127	7063007	06/18/07 03:46
Ethylbenzene	100	102		ug/L	102%	74 - 128	7063007	06/18/07 03:46
Toluene	100	104		ug/L	104%	74 - 126	7063007	06/18/07 03:46
Xylenes, total	200	199		ug/L	100%	74 - 129	7063007	06/18/07 03:46
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	36.1			120%	57 - 145	7063007	06/18/07 03:46

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 06/09/07 07:50

PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7063007-MS1										
Benzene	ND	56.4		ug/L	50.0	113%	61 - 153	7063007	NQF1135-01	06/18/07 07:58
Ethylbenzene	0.0400	56.0		ug/L	50.0	112%	64 - 151	7063007	NQF1135-01	06/18/07 07:58
Toluene	0.179	57.3		ug/L	50.0	114%	59 - 152	7063007	NQF1135-01	06/18/07 07:58
Xylenes, total	0.183	109		ug/L	100	109%	62 - 153	7063007	NQF1135-01	06/18/07 07:58
Surrogate: <i>a,a,a</i> -Trifluorotoluene		35.8		ug/L	30.0	119%	57 - 145	7063007	NQF1135-01	06/18/07 07:58

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 06/09/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7063007-MSD1												
Benzene	ND	58.7		ug/L	50.0	117%	61 - 153	4	30	7063007	NQF1135-01	06/18/07 08:53
Ethylbenzene	0.0400	58.1		ug/L	50.0	116%	64 - 151	4	30	7063007	NQF1135-01	06/18/07 08:53
Toluene	0.179	59.5		ug/L	50.0	119%	59 - 152	4	46	7063007	NQF1135-01	06/18/07 08:53
Xylenes, total	0.183	112		ug/L	100	112%	62 - 153	3	36	7063007	NQF1135-01	06/18/07 08:53
Surrogate: <i>a,a,a</i> -Trifluorotoluene		34.0		ug/L	30.0	113%	57 - 145			7063007	NQF1135-01	06/18/07 08:53

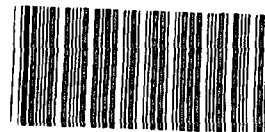
Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQF1135
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 06/09/07 07:50

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

COOLER RECEIPT FORM



NQF1135

Cooler Received/Opened On 06/09/07 @ 07:50

1. Tracking # 2865 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened 0.3 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..NA

4. Were custody seals on outside of cooler? YES..NO...NA

If yes, how many and where: 1- FRONT

5. Were the seals intact, signed, and dated correctly? YES..NO...NA

6. Were custody papers inside cooler? YES..NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES..NO...NA

12. Did all container labels and tags agree with custody papers? YES..NO...NA

13a. Were VOA vials received? YES..NO...NA

b. Was there any observable headspace present in any VOA vial? YES..NO...NA

14. Was there a Trip Blank in this cooler? YES NO..NA If multiple coolers, sequence # [Signature]

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES..NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO...NA

18. Did you sign the custody papers in the appropriate place? YES..NO...NA

19. Were correct containers used for the analysis requested? YES..NO...NA

20. Was sufficient amount of sample sent in each container? YES..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NQF1135

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone: (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Due	Expires	Comments
Sample ID: NQF1135-02	Air	Sampled: 06/08/07 08:40	
Subcontract - TPH 8015 DR06/21/07 15:00	03/03/10 08:40	GD Air Testing	
Containers Supplied:			
Tedlar Bag 1L (A)			GD07-0203-1
Sample ID: NQF1135-03	Air	Sampled: 06/08/07 08:45	
Subcontract - TPH 8015 DR06/21/07 15:00	03/03/10 08:45	GD Air Testing	
Containers Supplied:			
Tedlar Bag 1L (A)			-2

*Return
Cooler
AS 6/12/07*

Dorothy Roberts

Released By

6/11/07 0838

Date/Time

D. J. Smith *6/12/07 9:15am*

Received By Date/Time

Released By

Date/Time

Received By

Date/Time



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

Project No.: **NQF1135**

GD Air Testing Lab. ID: **GD07-00203-001**
Report Date: **06/14/07**
Date Analyzed: **06/14/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-061407BTX**
Method: **EPATO14**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQF1135-02	Air	NA	06/08/07	06/12/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	2.910	16.901
------------	-------	--	-------	--------------	--------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.61	92.2
Bromofluorobenzene (SS2)	175	460004	5.00	3.68	73.6

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

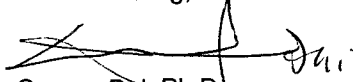
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\061407.B\06140717.D
Report File: GD SRID:\Rpt02-TO14\GD07-00203-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00203-002**
Report Date: **06/14/07**
Date Analyzed: **06/14/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-061407BTX**
Method: **EPATO14**

Project No.: **NQF1135**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQF1135-03	Air	NA	06/08/07	06/12/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as Gasoline	86.0		0.010	7.19	25.29
-----------------	------	--	-------	------	-------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	3.82	76.4
Bromofluorobenzene (SS2)	175	460004	5.00	4.75	95.0

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

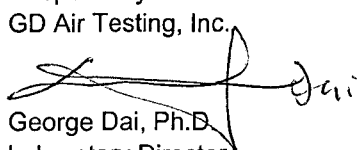
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\061407.B\06140718.D

Report File: GD SR\ND:\Rpt02-TO14\GD07-00203-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90614-001

Report Date:

06/15/07

Date Analyzed:

06/14/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-061407BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	laj	06/14/07	06/14/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.85	117.0
Bromofluorobenzene (SS2)	175	460004	5.00	3.12	62

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

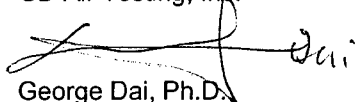
* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.



George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\061407.B\06140710.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-90614-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90614-002

GD07-90614-003

Report Date: 06/15/07

Date Analyzed: 06/14/07

Project No.:

Analyzed by: LAJ

Method: EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	8.18	81.8	8.91	89.1	8.5
Toluene	10.0	6.68	66.8	7.25	72.5	8.2
Ethylbenzene	10.0	8.42	84.2	9.00	90.0	6.7
o-Xylene	10.0	7.37	73.7	7.84	78.4	6.2

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.91	98	5.31	106	7.83
Bromofluorobenzene (SS2)	5.00	4.43	89	3.97	79	10.95

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\061407.B\06140712.D gd5973.i\061407.B\06140713.D

Report File: GD\SRID\QC02-TO14\GD07-90614-002

July 31, 2007

9:00:22AM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 07/18/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQG1701-01	07/17/07 08:30
LRP-2	NQG1701-02	07/17/07 08:35

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
July 31, 2007 Revised report to include TPH DRO.

The Chain(s) of Custody, 7 pages, are included and are an integral part of this report.

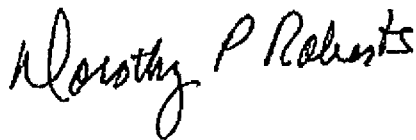
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQG1701-01 (Effluent - Water) Sampled: 07/17/07 08:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	07/25/07 00:06	SW846 8021B	7074258
Ethylbenzene	ND		ug/L	1.00	1	07/25/07 00:06	SW846 8021B	7074258
Toluene	ND		ug/L	1.00	1	07/25/07 00:06	SW846 8021B	7074258
Xylenes, total	ND		ug/L	3.00	1	07/25/07 00:06	SW846 8021B	7074258
<i>Surr: a,a,a-Trifluorotoluene (46-153%)</i>	<i>81 %</i>					<i>07/25/07 00:06</i>	<i>SW846 8021B</i>	<i>7074258</i>

Sample ID: NQG1701-02 (LRP-2 - Air) Sampled: 07/17/07 08:35

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7074258-BLK1						
Benzene	<0.610		ug/L	7074258	7074258-BLK1	07/24/07 23:32
Ethylbenzene	<0.460		ug/L	7074258	7074258-BLK1	07/24/07 23:32
Toluene	<0.600		ug/L	7074258	7074258-BLK1	07/24/07 23:32
Xylenes, total	<0.840		ug/L	7074258	7074258-BLK1	07/24/07 23:32
Surrogate: <i>a,a,a</i> -Trifluorotoluene	81%			7074258	7074258-BLK1	07/24/07 23:32
7074258-BLK2						
Benzene	<0.610		ug/L	7074258	7074258-BLK2	07/25/07 06:25
Ethylbenzene	<0.460		ug/L	7074258	7074258-BLK2	07/25/07 06:25
Toluene	<0.600		ug/L	7074258	7074258-BLK2	07/25/07 06:25
Xylenes, total	<0.840		ug/L	7074258	7074258-BLK2	07/25/07 06:25
Surrogate: <i>a,a,a</i> -Trifluorotoluene	82%			7074258	7074258-BLK2	07/25/07 06:25

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7074258-BS1								
Benzene	100	106		ug/L	106%	74 - 127	7074258	07/25/07 12:44
Ethylbenzene	100	101		ug/L	101%	74 - 128	7074258	07/25/07 12:44
Toluene	100	111		ug/L	111%	74 - 126	7074258	07/25/07 12:44
Xylenes, total	200	187		ug/L	94%	74 - 129	7074258	07/25/07 12:44
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	27.1			90%	46 - 153	7074258	07/25/07 12:44

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7074258-MS1										
Benzene	ND	55.1		ug/L	50.0	110%	61 - 153	7074258	NQG1701-01	07/25/07 20:49
Ethylbenzene	ND	52.9		ug/L	50.0	106%	64 - 151	7074258	NQG1701-01	07/25/07 20:49
Toluene	ND	55.3		ug/L	50.0	111%	59 - 152	7074258	NQG1701-01	07/25/07 20:49
Xylenes, total	ND	100		ug/L	100	100%	62 - 153	7074258	NQG1701-01	07/25/07 20:49
Surrogate: <i>a,a,a</i> -Trifluorotoluene		26.6		ug/L	30.0	89%	46 - 153	7074258	NQG1701-01	07/25/07 20:49

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7074258-MSD1												
Benzene	ND	62.2		ug/L	50.0	124%	61 - 153	12	30	7074258	NQG1701-01	07/25/07 21:24
Ethylbenzene	ND	60.1		ug/L	50.0	120%	64 - 151	13	30	7074258	NQG1701-01	07/25/07 21:24
Toluene	ND	63.4		ug/L	50.0	127%	59 - 152	14	46	7074258	NQG1701-01	07/25/07 21:24
Xylenes, total	ND	113		ug/L	100	113%	62 - 153	12	36	7074258	NQG1701-01	07/25/07 21:24
Surrogate: <i>a,a,a</i> -Trifluorotoluene		26.3		ug/L	30.0	88%	46 - 153			7074258	NQG1701-01	07/25/07 21:24

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

CERTIFICATION SUMMARY

Subcontracted Laboratories

GD Air Testing

903 North Bowser Road, Ste 200 - Richardson, TX 75081

Analysis Performed: Subcontract - TPH 8015 DRO (air)

Samples: NQG1701-02

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQG1701
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 07/18/07 08:00

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

COOLER RECEIPT FORM



NQG1701

Cooler Received/Opened On 7/18/07 @ 08:00

1. Tracking # 0962 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 1.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used: Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 44423

COOLER RECEIPT FORM

Cooler Received/Opened On 07/18/07 @ 08:00

1. Tracking # 0945 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 4/5 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 - ENDS

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) SA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) BU

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SA
AS
0962

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NQG1701

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone: (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Due	Expires	Comments
Sample ID: NQG1701-02	Air	Sampled: 07/17/07 08:35	GD07-0246-1
Subcontract - TPH 8015 DR07/30/07 15:00		04/11/10 09:35	GD Air Testing
Containers Supplied:			
Tedlar Bag 1L (A)			

Dorothy Roberts
Released By

7/18/07 1700
Date/Time

[Signature]
Received By

7/20/07 1200
Date/Time

Released By

Date/Time

Received By

Date/Time



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nahville, TN 37204

Project No.: **NQG1701**

GD Air Testing Lab. ID: **GD07-00246-001**
Report Date: **07/20/07**
Date Analyzed: **07/20/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-072007BTX**
Method: **EPATO14**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQG1701-02	Air	NA	07/17/07	07/20/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as Diesel	142.0		0.010	38.50	223.6
---------------	-------	--	-------	--------------	-------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.00	100.0
Bromofluorobenzene (SS2)	175	460004	5.00	5.53	110.6

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1 I BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

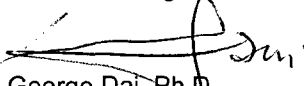
* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\072007.B\07200709.D

Report File: GD SRI\ID:\Rpt02-TO14\GD07-00246-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90720-001

Report Date:

07/23/07

Date Analyzed:

07/20/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-072007BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	LAJ	07/20/07	07/20/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked	Found	R%
			ppbv	ppbv	
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.46	109.2
Bromofluorobenzene (SS2)	175	460004	5.00	3.84	77

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.1\072007.B\07200705.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-90720-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90720-002

GD07-90720-003

Report Date:

07/23/07

Date Analyzed:

07/20/07

Project No.:

Analyzed by:

LAJ

Method:

EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
Bs/Bsd	Air		

Spike Control Compounds	Spiked ppbv	Found and Recovery				
		BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	11.0	110	12.0	120	8.70
Toluene	10.0	10.1	101	11.1	111	9.43
Ethylbenzene	10.0	10.5	105	12.1	121	14.16
o-Xylene	10.0	10.7	107	12.3	123	13.91

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	5.12	102	5.1	102	0.39
Bromofluorobenzene (SS2)	5.00	4.89	98	4.95	99	1.22

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

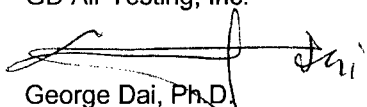
* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.

Laboratory Director

Data File: gd5973.1\072007.B\07200706.D gd5973.1\072007.B\07200707.D

Report File: GD\SRID\QC02-TO14\GD07-90720-002

August 28, 2007

9:21:34AM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQH1324
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 08/11/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQH1324-01	08/10/07 09:30
LRP-1	NQH1324-02	08/10/07 09:35
LRP-2	NQH1324-03	08/10/07 09:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.

Other anomalies noted at sample log-in are outlined in accompanying LF-1 form (Cooler Receipt) and/or CSF-12 (Sample nonconformance/COC revision form).

August 28 2007 TPH DRO has been added for samples NQH1324-02 and NQH1324-03.

The Chain(s) of Custody, 7 pages, are included and are an integral part of this report.

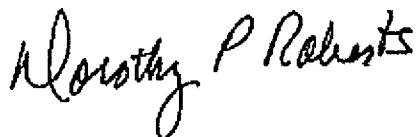
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH1324
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/11/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQH1324-01 (Effluent - Water) Sampled: 08/10/07 09:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND	L	ug/L	1.00	1	08/16/07 14:35	SW846 8021B	7083050
Ethylbenzene	ND	L	ug/L	1.00	1	08/16/07 14:35	SW846 8021B	7083050
Toluene	ND	L	ug/L	1.00	1	08/16/07 14:35	SW846 8021B	7083050
Xylenes, total	ND	L	ug/L	3.00	1	08/16/07 14:35	SW846 8021B	7083050
<i>Surr: a,a,a-Trifluorotoluene (46-153%)</i>	<i>81 %</i>					<i>08/16/07 14:35</i>	<i>SW846 8021B</i>	<i>7083050</i>

Sample ID: NQH1324-02 (LRP-1 - Air) Sampled: 08/10/07 09:35

Subcontracted Analysis
See Attached Report

Sample ID: NQH1324-03 (LRP-2 - Air) Sampled: 08/10/07 09:40

Subcontracted Analysis
See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH1324
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/11/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7083050-BLK1						
Benzene	<0.610		ug/L	7083050	7083050-BLK1	08/16/07 10:29
Ethylbenzene	<0.460		ug/L	7083050	7083050-BLK1	08/16/07 10:29
Toluene	<0.600		ug/L	7083050	7083050-BLK1	08/16/07 10:29
Xylenes, total	<0.840		ug/L	7083050	7083050-BLK1	08/16/07 10:29
Surrogate: <i>a,a,a-Trifluorotoluene</i>	80%			7083050	7083050-BLK1	08/16/07 10:29

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH1324
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/11/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7083050-BS3								
Benzene	100	153	L	ug/L	153%	74 - 127	7083050	08/18/07 03:42
Ethylbenzene	100	148	L	ug/L	148%	74 - 128	7083050	08/18/07 03:42
Toluene	100	166	L	ug/L	166%	74 - 126	7083050	08/18/07 03:42
Xylenes, total	200	276	L	ug/L	138%	74 - 129	7083050	08/18/07 03:42
Surrogate: <i>a,a</i> -Trifluorotoluene	30.0	32.7			109%	46 - 153	7083050	08/18/07 03:42

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH1324
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/11/07 08:00

CERTIFICATION SUMMARY

Subcontracted Laboratories

GD Air Testing

903 North Bowser Road, Ste 200 - Richardson, TX 75081

Analysis Performed: Subcontract - TPH 8015 DRO (air)

Samples: NQH1324-02, NQH1324-03

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH1324
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/11/07 08:00

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



COOLER RECEIPT FORM



NQH1324

Cooler Received/Opened On 8/11/2007 @ 08001. Tracking # 2979 (last 4 digits, FedEx)Courier: FED-EX IR Gun ID A007502. Temperature of rep. sample or temp blank when opened: 0.5 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NAIf yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NAI certify that I opened the cooler and answered questions 1-6 (initial) J

7. Were custody seals on containers:

YES

NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler?

YES...NO...NAIf multiple coolers, sequence # 1I certify that I unloaded the cooler and answered questions 7-14 (initial) B15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES...NO...NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) B

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NAI certify that I entered this project into LIMS and answered questions 17-20 (initial) BI certify that I attached a label with the unique LIMS number to each container (initial) B

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

COOLER RECEIPT FORM

Cooler Received/Opened On 08/11/07 @ 08:00

1. Tracking # 2990 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: N/A Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

If yes, how many and where:

2 - FRONT, BACK

5. Were the seals intact, signed, and dated correctly?

6. Were custody papers inside cooler?

I certify that I opened the cooler and answered questions 1-6 (initial)

7. Were custody seals on containers:

YES

NO

and intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

11. Were all container labels complete (#, date, signed, pres., etc)?

12. Did all container labels and tags agree with custody papers?

13a. Were VOA vials received?

b. Was there any observable headspace present in any VOA vial?

14. Was there a Trip Blank in this cooler?

YES...NO...NA

If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)

I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

GAME
AS
2974



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00267-1**
Report Date: **08/17/07**
Date Analyzed: **08/15/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-081507BTX**
Method: **EPATO14**

Project No.: **NQH1324**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQH1324-02	Air	NA	08/10/07	08/15/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	16.0	92.9
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Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.46	89.2
Bromofluorobenzene (SS2)	175	460004	5.00	5.31	106

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\081507.B\08150708.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-00267-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00267-2**
Report Date: **08/17/07**
Date Analyzed: **08/15/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-081507BTX**
Method: **EPATO14**

Project No.: **NQH1324**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQH1324-03	Air	NA	08/10/07	08/15/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	34.2	199
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Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.90	98.0
Bromofluorobenzene (SS2)	175	460004	5.00	6.00	120

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\081507.B\08150709.D

Report File: GD SR\ND:\Rpt02-TO14\GD07-00267-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90815-001

Report Date:

08/17/07

Date Analyzed:

08/15/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-081507BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BLANK	Air	JCA	08/15/07 08/15/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.58	91.6
Bromofluorobenzene (SS2)	175	460004	5.00	4.94	98.8

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.1\081507.B\08150705.D

Report File: GD SR\ND:\Rpt02-TO14\GD07-90815-001



CLIENT: GD Air Testing, Inc.

GD Air Testing Lab. ID:

GD07-90815-002

GD07-90815-003

Report Date:

08/17/07

Date Analyzed:

08/15/07

Project No.:

Analyzed by:

LAJ

Method:

EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked ppbv	Found and Recovery				
		BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	10.6	106	10.1	101	4.83
Toluene	10.0	9.92	99.2	9.34	93.4	6.02
Ethylbenzene	10.0	11.1	111	11.6	116	4.41
o-Xylene	10.0	11.4	114	12.5	125	9.21

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.62	92.4	4.74	94.8	2.56
Bromofluorobenzene (SS2)	5.00	5.12	102	5.66	113	10.0

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\081507.B\08150706.D gd5973.i\081507.B\08150707.D

Report File: GD\SR\ND\QC02-TO14\GD07-90815-002

September 25, 2007 3:10:06PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQI0987
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 09/11/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQI0987-01	09/09/07 12:50
LRP-1	NQI0987-02	09/09/07 13:00
LRP-2	NQI0987-03	09/09/07 13:05

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:
September 25, 2007 TPH DRO has been added.

The Chain(s) of Custody, 8 pages, are included and are an integral part of this report.

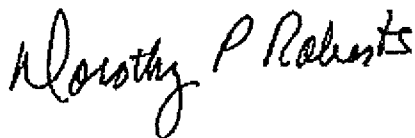
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI0987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQI0987-01 (Effluent - Water) Sampled: 09/09/07 12:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	09/14/07 05:22	SW846 8021B	7092399
Ethylbenzene	ND		ug/L	1.00	1	09/14/07 05:22	SW846 8021B	7092399
Toluene	ND		ug/L	1.00	1	09/14/07 05:22	SW846 8021B	7092399
Xylenes, total	ND		ug/L	3.00	1	09/14/07 05:22	SW846 8021B	7092399
<i>Surr: a,a,a-Trifluorotoluene (46-150%)</i>	<i>81 %</i>					<i>09/14/07 05:22</i>	<i>SW846 8021B</i>	<i>7092399</i>

Sample ID: NQI0987-02 (LRP-1 - Air) Sampled: 09/09/07 13:00

Subcontracted Analysis

See Attached Report

Sample ID: NQI0987-03 (LRP-2 - Air) Sampled: 09/09/07 13:05

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI0987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7092399-BLK1						
Benzene	<0.440		ug/L	7092399	7092399-BLK1	09/13/07 14:44
Ethylbenzene	<0.410		ug/L	7092399	7092399-BLK1	09/13/07 14:44
Toluene	<0.540		ug/L	7092399	7092399-BLK1	09/13/07 14:44
Xylenes, total	<0.840		ug/L	7092399	7092399-BLK1	09/13/07 14:44
Surrogate: <i>a,a,a-Trifluorotoluene</i>	78%			7092399	7092399-BLK1	09/13/07 14:44
7092399-BLK2						
Benzene	<0.440		ug/L	7092399	7092399-BLK2	09/14/07 00:11
Ethylbenzene	<0.410		ug/L	7092399	7092399-BLK2	09/14/07 00:11
Toluene	<0.540		ug/L	7092399	7092399-BLK2	09/14/07 00:11
Xylenes, total	<0.840		ug/L	7092399	7092399-BLK2	09/14/07 00:11
Surrogate: <i>a,a,a-Trifluorotoluene</i>	76%			7092399	7092399-BLK2	09/14/07 00:11

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI0987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7092399-BS1								
Benzene	100	104		ug/L	104%	77 - 120	7092399	09/14/07 05:56
Ethylbenzene	100	101		ug/L	101%	77 - 120	7092399	09/14/07 05:56
Toluene	100	104		ug/L	104%	74 - 120	7092399	09/14/07 05:56
Xylenes, total	200	203		ug/L	101%	72 - 120	7092399	09/14/07 05:56
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	24.4			81%	63 - 134	7092399	09/14/07 05:56

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI0987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7092399-BSD1												
Benzene		102		ug/L	100	102%	77 - 120	1	33	7092399		09/14/07 06:31
Ethylbenzene		98.6		ug/L	100	99%	77 - 120	2	35	7092399		09/14/07 06:31
Toluene		102		ug/L	100	102%	74 - 120	2	30	7092399		09/14/07 06:31
Xylenes, total		199		ug/L	200	99%	72 - 120	2	35	7092399		09/14/07 06:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene		24.0		ug/L	30.0	80%	63 - 134			7092399		09/14/07 06:31

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQ10987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7092399-MS1										
Benzene	0.0930	54.9		ug/L	50.0	110%	50 - 158	7092399	NQ10697-01	09/14/07 20:29
Ethylbenzene	ND	52.1		ug/L	50.0	104%	52 - 151	7092399	NQ10697-01	09/14/07 20:29
Toluene	ND	54.7		ug/L	50.0	109%	57 - 147	7092399	NQ10697-01	09/14/07 20:29
Xylenes, total	0.0190	106		ug/L	100	106%	52 - 143	7092399	NQ10697-01	09/14/07 20:29
Surrogate: <i>a,a,a-Trifluorotoluene</i>		26.5		ug/L	30.0	88%	63 - 134	7092399	NQ10697-01	09/14/07 20:29

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQ10987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7092399-MSD1												
Benzene	0.0930	55.8		ug/L	50.0	111%	50 - 158	2	33	7092399	NQ10697-01	09/14/07 21:03
Ethylbenzene	ND	52.7		ug/L	50.0	105%	52 - 151	1	35	7092399	NQ10697-01	09/14/07 21:03
Toluene	ND	55.3		ug/L	50.0	111%	57 - 147	1	30	7092399	NQ10697-01	09/14/07 21:03
Xylenes, total	0.0190	107		ug/L	100	107%	52 - 143	0.9	35	7092399	NQ10697-01	09/14/07 21:03
Surrogate: a,a,a-Trifluorotoluene		26.6		ug/L	30.0	89%	63 - 134			7092399	NQ10697-01	09/14/07 21:03

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI0987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

CERTIFICATION SUMMARY

Subcontracted Laboratories

GD Air Testing

903 North Bowser Road, Ste 200 - Richardson, TX 75081

Analysis Performed: Subcontract - TPH 8015 DRO (air)

Samples: NQI0987-02, NQI0987-03

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQ10987
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)



COOLER RECEIPT

NQ10987

Cooler Received/Opened On 9/11/2007 @ 0750

1. Tracking # 8322 (last 4 digits, FedEx)

Courier: FedEx

IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: -0.9 Degrees Celsius

3. If the #2 temperature is 0°C or less, was the representative sample or temp blank frozen? ☒ YES NO...NA

4. Were custody seals on outside of cooler? ☒ YES...NO...NA

If yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly? ☒ YES...NO...NA

6. Were custody papers inside cooler? ☒ YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) J

7. Were custody seals on containers: ☒ YES ☒ NO and Intact ☒ YES...NO...NA

Were these signed and dated correctly? 9-11-07 ☒ YES...NO...NA J

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: ☒ Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? ☒ YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? ☒ YES...NO...NA

12. Did all container labels and tags agree with custody papers? ☒ YES...NO...NA

13a. Were VOA vials received? ☒ YES...NO...NA

b. Was there any observable headspace present in any VOA vial? ☒ YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # J

I certify that I unloaded the cooler and answered questions 7-14 (initial) J

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...☒ NA

b. Did the bottle labels indicate that the correct preservatives were used ☒ YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...☒ NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) J

17. Were custody papers properly filled out (ink, signed, etc)? ☒ YES...NO...NA

18. Did you sign the custody papers in the appropriate place? ☒ YES...NO...NA

19. Were correct containers used for the analysis requested? ☒ YES...NO...NA

20. Was sufficient amount of sample sent in each container? ☒ YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) J

I certify that I attached a label with the unique LIMS number to each container (initial) J

21. Were there Non-Conformance issues at login? YES...☒ NO Was a PIPE generated? ☒ YES...NO...# 45328

Only 1 of the VOAs was frozen, it also had headspace.

Custody seals were on the VOAs.

COOLER RECEIPT FORM

Cooler Received/Opened On 9/11/07 @ 07:50

1. Tracking # 8300 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: N/A Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (2) Sides

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance Issues at login? YES...NO Was a PIPE generated? YES...NO...# _____



SHELL Chain Of Custody Record

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ Calcasieu
☐ Other _____

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES

☐ NETWORK DEV / FE

☐ COMPLIANCE

☐ BILL CONSULTANT

☐ RMT/CMNT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

3 0 0 1 4 3

DATE: 9-9-07

PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

1882 Keller Parkway Keller Texas 76248

PROJECT CONTACT (Hardcopy or PDF Report to)

John Savole

TELEPHONE

1.682.593.0220

FAX

1.682.593.0660

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☐ RESULTS NEEDED

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ LIST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

LOG CODE:

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location):

John Savole, H2A Env., Jal NM

SAMPLER NAME(S) (Print)

PHONE NO.:

1.505.631.1836

E-MAIL:

GLOBAL ID NO.:

NM

LAB USE ONLY

108.001

CONSULTANT PROJECT NO.:

REQUESTED ANALYSIS

FIELD NOTES:
Container/Preservative
or PID Readings
or Laboratory Notes

Field Sample Identification

USE ONLY	DATE	TIME	MATRIX	NO. OF CONT.
Effluent	9/9/07	1250	water	3
LRP-1	9/9/07	1300	AIR	1
LRP-2	9/9/07	1305	AIR	1

NQI0987

09/25/07 23:59

BTEX 8021

TPH 8016 DRO

Relinquished by: (Signature)

Received by: (Signature)

Time: 1200

Relinquished by: (Signature)

Received by: (Signature)

Time: 0750

Relinquished by: (Signature)

Received by: (Signature)

Time: 0750

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NQI0987

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Units	Due	Expires	Comments
Sample ID: NQI0987-02 Air Sampled: 09/09/07 13:00				
Subcontract - TPH 8015 DR(%		09/21/07	06/04/10 13:00	GD Air Testing
Containers Supplied:				GD07-0301-1
Tedlar Bag 1L (A)				
Sample ID: NQI0987-03 Air Sampled: 09/09/07 13:05				
Subcontract - TPH 8015 DR(%		09/21/07	06/04/10 13:05	GD Air Testing
Containers Supplied:				- 2
Tedlar Bag 1L (A)				

Dorothy Roberts
Released By

9/11/07 1204
Date/Time

D. Jacoby 9/12/07 12:05pm
Received By Date/Time

Released By

Date/Time

Received By

Date/Time



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00301-001**
Report Date: **09/12/07**
Date Analyzed: **09/12/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-091207BTX**
Method: **EPATO14**

Project No.: **NQI0987**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQI0987-02	Air	NA	09/09/07	09/12/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	8.940	51.921
------------	-------	--	-------	--------------	--------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.50	90.0
Bromofluorobenzene (SS2)	175	460004	5.00	4.42	88.4

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

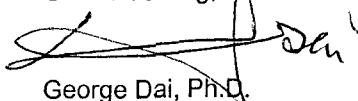
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\091207.B\09120713.D
Report File: GD SRI\ID:\Rpt02-TO14\GD07-00301-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00301-002**
Report Date: **09/12/07**
Date Analyzed: **09/12/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-091207BTX**
Method: **EPATO14**

Project No.: **NQI0987**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQI0987-03	Air	NA	09/09/07	09/12/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	86.0		0.010	36.900	129.791
------------	------	--	-------	---------------	---------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.22	84.4
Bromofluorobenzene (SS2)	175	460004	5.00	5.59	111.8

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

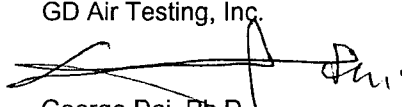
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\091207.B\09120714.D
Report File: GD SRI\D:\Rpt02-TO14\GD07-00301-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-90912-001

Report Date:

09/13/07

Date Analyzed:

09/12/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-091207BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BLK	Air	LAJ	09/12/07 09/12/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked	Found	R%
			ppbv	ppbv	
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.71	114.2
Bromofluorobenzene (SS2)	175	460004	5.00	3.72	74

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

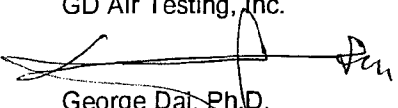
* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\091207.B\09120708.D

Report File: GD SRID:\Rpt02-TO14\GD07-90912-001



CLIENT: GD Air Testing, Inc.

GD Air Testing Lab. ID:

GD07-90912-002

GD07-90912-003

Report Date: 09/13/07

Date Analyzed: 09/11/07

Project No.:

Analyzed by: LAJ

Method: EPATO14

Page 1 of 1

REPORT OF BLANK SPIKE RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	7.55	75.5	7.45	74.5	1.33
Toluene	10.0	7.60	76.0	7.31	73.1	3.89
Ethylbenzene	10.0	7.73	77.3	8.42	84.2	8.54
o-Xylene	10.0	7.93	79.3	8.47	84.7	6.59

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.99	100	5.05	101	1.20
Bromofluorobenzene (SS2)	5.00	4.86	97	5.01	100	3.04

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\091207.B\09120704.D gd5973.i\091207.B\09120705.D

Report File: GD\SRI\D\QC02-TO14\GD07-90912-002

October 22, 2007

4:40:19PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 10/10/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQJ1125-01	10/09/07 10:20
LRP-1	NQJ1125-02	10/09/07 10:25
LRP-2	NQJ1125-03	10/09/07 10:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

The Chain(s) of Custody, 8 pages, are included and are an integral part of this report.

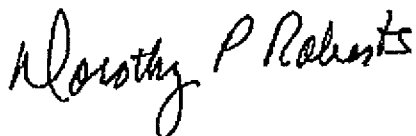
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQJ1125-01 (Effluent - Water) Sampled: 10/09/07 10:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	10/18/07 02:12	SW846 8021B	7103439
Ethylbenzene	ND		ug/L	1.00	1	10/18/07 02:12	SW846 8021B	7103439
Toluene	ND		ug/L	1.00	1	10/18/07 02:12	SW846 8021B	7103439
Xylenes, total	ND		ug/L	3.00	1	10/18/07 02:12	SW846 8021B	7103439
<i>Surr: a,a,a-Trifluorotoluene (46-150%)</i>	<i>94 %</i>					<i>10/18/07 02:12</i>	<i>SW846 8021B</i>	<i>7103439</i>

Sample ID: NQJ1125-02 (LRP-1 - Air) Sampled: 10/09/07 10:25

Subcontracted Analysis

See Attached Report

Sample ID: NQJ1125-03 (LRP-2 - Air) Sampled: 10/09/07 10:30

Subcontracted Analysis

See Attached Report

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7103439-BLK1						
Benzene	<0.610		ug/L	7103439	7103439-BLK1	10/17/07 19:25
Ethylbenzene	<0.460		ug/L	7103439	7103439-BLK1	10/17/07 19:25
Toluene	<0.600		ug/L	7103439	7103439-BLK1	10/17/07 19:25
Xylenes, total	<0.840		ug/L	7103439	7103439-BLK1	10/17/07 19:25
Surrogate: <i>a,a,a-Trifluorotoluene</i>	93%			7103439	7103439-BLK1	10/17/07 19:25
7103439-BLK2						
Benzene	<0.610		ug/L	7103439	7103439-BLK2	10/18/07 01:41
Ethylbenzene	<0.460		ug/L	7103439	7103439-BLK2	10/18/07 01:41
Toluene	<0.600		ug/L	7103439	7103439-BLK2	10/18/07 01:41
Xylenes, total	<0.840		ug/L	7103439	7103439-BLK2	10/18/07 01:41
Surrogate: <i>a,a,a-Trifluorotoluene</i>	93%			7103439	7103439-BLK2	10/18/07 01:41

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7103439-BS1								
Benzene	100	82.8		ug/L	83%	74 - 120	7103439	10/18/07 07:19
Ethylbenzene	100	86.4		ug/L	86%	73 - 120	7103439	10/18/07 07:19
Toluene	100	81.6		ug/L	82%	74 - 120	7103439	10/18/07 07:19
Xylenes, total	200	169		ug/L	85%	67 - 120	7103439	10/18/07 07:19
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	28.9			96%	46 - 150	7103439	10/18/07 07:19

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7103439-BSD1												
Benzene		84.2		ug/L	100	84%	74 - 120	2	39	7103439		10/18/07 07:50
Ethylbenzene		88.0		ug/L	100	88%	73 - 120	2	37	7103439		10/18/07 07:50
Toluene		82.8		ug/L	100	83%	74 - 120	1	30	7103439		10/18/07 07:50
Xylenes, total		172		ug/L	200	86%	67 - 120	1	38	7103439		10/18/07 07:50
Surrogate: <i>a,a,a</i> -Trifluorotoluene		29.1		ug/L	30.0	97%	46 - 150			7103439		10/18/07 07:50

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7103439-MS1										
Benzene	ND	42.4		ug/L	50.0	85%	48 - 158	7103439	NQJ1281-01	10/18/07 14:45
Ethylbenzene	ND	42.7		ug/L	50.0	85%	52 - 151	7103439	NQJ1281-01	10/18/07 14:45
Toluene	ND	41.2		ug/L	50.0	82%	53 - 147	7103439	NQJ1281-01	10/18/07 14:45
Xylenes, total	ND	84.1		ug/L	100	84%	52 - 143	7103439	NQJ1281-01	10/18/07 14:45
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.8		ug/L	30.0	109%	46 - 150	7103439	NQJ1281-01	10/18/07 14:45

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

CERTIFICATION SUMMARY

Subcontracted Laboratories

GD Air Testing

903 North Bowser Road, Ste 200 - Richardson, TX 75081

Analysis Performed: Subcontract - TPH 8015 DRO (air)

Samples: NQJ1125-02, NQJ1125-03

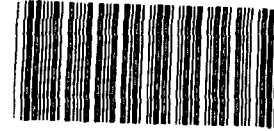
Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQJ1125
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 10/10/07 08:05

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

COOLER RECEIPT



NQJ1125

Cooler Received/Opened On 10/10/07 @ 08:05

1. Tracking # 8285 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES ☒ NO ☒ NA

4. Were custody seals on outside of cooler?

YES ☒ NO ☒ NA

If yes, how many and where:

1 - FRONT

5. Were the seals intact, signed, and dated correctly?

YES ☒ NO ☒ NA

6. Were custody papers inside cooler?

YES ☒ NO ☒ NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers:

YES ☒

NO

and intact

YES ☒ NO ☒ NA

Were these signed and dated correctly?

YES ☒ NO ☒ NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES ☒ NO ☒ NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES ☒ NO ☒ NA

12. Did all container labels and tags agree with custody papers?

YES ☒ NO ☒ NA

13a. Were VOA vials received?

YES ☒ NO ☒ NA

b. Was there any observable headspace present in any VOA vial?

YES ☒ NO ☒ NA

14. Was there a Trip Blank in this cooler? YES ☒ NO ☒ NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES ☒ NO ☒ NA

b. Did the bottle labels indicate that the correct preservatives were used

YES ☒ NO ☒ NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES ☒ NO ☒ NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)?

YES ☒ NO ☒ NA

18. Did you sign the custody papers in the appropriate place?

YES ☒ NO ☒ NA

19. Were correct containers used for the analysis requested?

YES ☒ NO ☒ NA

20. Was sufficient amount of sample sent in each container?

YES ☒ NO ☒ NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES ☒ NO ☒ Was a PIPE generated? YES ☒ NO ☒ # 45708

COOLER RECEIPT FORM

Cooler Received/Opened On 10/10/2007 @ 0805

1. Tracking # 8274 (last 4 digits, FedEx)

Courier: FedEx

IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: NA Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 on both ends

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) J

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # J

I certify that I unloaded the cooler and answered questions 7-14 (initial) J

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) J

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) J

I certify that I attached a label with the unique LIMS number to each container (initial) J

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00347-001**
Report Date: **10/11/07**
Date Analyzed: **10/11/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-101107BTX**
Method: **EPATO14**

Project No.: **NQJ1125**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQJ1125-02	Air	NA	10/09/07	10/11/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	12.1	70.3
------------	-------	--	-------	------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.13	82.6
Bromofluorobenzene (SS2)	175	460004	5.00	4.80	96.0

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

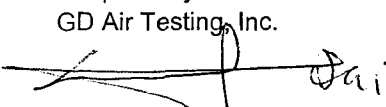
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.1\101107.B\10110711.D
Report File: GD SR\ID:\Rpt02-TO14\GD07-00347-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

Project No.: **NQJ1125**

GD Air Testing Lab. ID: **GD07-00347-002**
Report Date: **10/11/07**
Date Analyzed: **10/11/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-101107BTX**
Method: **EPATO14**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQJ1125-03	Air	NA	10/09/07	10/11/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	13.2	76.7
------------	-------	--	-------	-------------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	3.83	76.6
Bromofluorobenzene (SS2)	175	460004	5.00	5.32	106.4

*Comparison with the method blank this sample run with a dilution factor of: **20.0**

1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.\101107.B\10110713.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-00347-002



CLIENT: GD Air Testing, Inc.

GD Air Testing Lab. ID:

GD07-91011-001

Report Date:

10/16/07

Date Analyzed:

10/11/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-101107BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	LAJ	10/11/07	10/11/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked	Found	R%
			ppbv	ppbv	
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	6.47	129.4
Bromofluorobenzene (SS2)	175	460004	5.00	2.69	54

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.\101107.B\10110705.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-91011-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-91011-002

GD07-91011-003

Report Date: 10/16/07

Date Analyzed: 10/11/07

Project No.:

Analyzed by: LAJ

Method: EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	8.46	84.6	8.77	87.7	3.60
Toluene	10.0	8.72	87.2	9.01	90.1	3.27
Ethylbenzene	10.0	10.3	103	10.0	100	3.06
o-Xylene	10.0	11.3	113	11.4	114	0.88

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.96	99	4.96	99	0.00
Bromofluorobenzene (SS2)	5.00	5.22	104	5.40	108	3.39

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.\101107.B\10110706.D gd5973.\101107.B\10110707.D

Report File: GD\SR\N\QC02-TO14\GD07-91011-002

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NQJ1125

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Units	Due	Expires	Comments
Sample ID: NQJ1125-02 Air				
			Sampled: 10/09/07 10:25	
Subcontract - TPH 8015 DR(%		10/22/07	07/04/10 10:25	GD Air Testing
Containers Supplied:				
Tedlar Bag 1L (A)				GD07-0347-1
Sample ID: NQJ1125-03 Air				
			Sampled: 10/09/07 10:30	
Subcontract - TPH 8015 DR(%		10/22/07	07/04/10 10:30	GD Air Testing
Containers Supplied:				
Tedlar Bag 1L (A)				-2

Dorothy Roberts
Released By

10/10/07 1435
Date/Time

A Jonecky
Received By

10/11/07 10:30am
Date/Time

December 13, 2007 5:39:23PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 11/20/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQK2244-01	11/18/07 14:45
LRP-1	NQK2244-02	11/18/07 14:50
LRP-2	NQK2244-03	11/18/07 14:50
Trip Blank	NQK2244-04	11/18/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

Revised Report - MDH: The subcontracted air analyses have now been included in this report.

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

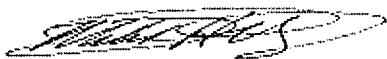
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Mark Hollingsworth

Program Manager - National Accounts

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQK2244-01 (Effluent - Water) Sampled: 11/18/07 14:45								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/30/07 04:15	SW846 8021B	7115089
Ethylbenzene	ND		ug/L	1.00	1	11/30/07 04:15	SW846 8021B	7115089
Toluene	ND		ug/L	1.00	1	12/02/07 19:54	SW846 8021B	7115427
Xylenes, total	ND		ug/L	3.00	1	11/30/07 04:15	SW846 8021B	7115089
Surr: a,a,a-Trifluorotoluene (46-150%)	111 %					11/30/07 04:15	SW846 8021B	7115089
Surr: a,a,a-Trifluorotoluene (46-150%)	85 %					12/02/07 19:54	SW846 8021B	7115427
Sample ID: NQK2244-02 (LRP-1 - Air) Sampled: 11/18/07 14:50								
Subcontracted Analysis								
See Attached Report								
Sample ID: NQK2244-03 (LRP-2 - Air) Sampled: 11/18/07 14:50								
Subcontracted Analysis								
See Attached Report								
Sample ID: NQK2244-04 (Trip Blank - Water) Sampled: 11/18/07 00:01								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/30/07 03:40	SW846 8021B	7115089
Ethylbenzene	ND		ug/L	1.00	1	11/30/07 03:40	SW846 8021B	7115089
Toluene	ND		ug/L	1.00	1	11/30/07 03:40	SW846 8021B	7115089
Xylenes, total	ND		ug/L	3.00	1	11/30/07 03:40	SW846 8021B	7115089
Surr: a,a,a-Trifluorotoluene (46-150%)	111 %					11/30/07 03:40	SW846 8021B	7115089

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7115089-BLK1						
Benzene	<0.500	B	ug/L	7115089	7115089-BLK1	11/29/07 19:25
Ethylbenzene	<0.520		ug/L	7115089	7115089-BLK1	11/29/07 19:25
Toluene	1.02		ug/L	7115089	7115089-BLK1	11/29/07 19:25
Xylenes, total	<1.68		ug/L	7115089	7115089-BLK1	11/29/07 19:25
Surrogate: <i>a,a,a</i> -Trifluorotoluene	110%			7115089	7115089-BLK1	11/29/07 19:25
7115089-BLK2						
Benzene	<0.500	B	ug/L	7115089	7115089-BLK2	11/30/07 03:04
Ethylbenzene	<0.520		ug/L	7115089	7115089-BLK2	11/30/07 03:04
Toluene	1.04		ug/L	7115089	7115089-BLK2	11/30/07 03:04
Xylenes, total	1.77		ug/L	7115089	7115089-BLK2	11/30/07 03:04
Surrogate: <i>a,a,a</i> -Trifluorotoluene	112%			7115089	7115089-BLK2	11/30/07 03:04
7115427-BLK1						
Benzene	<0.500		ug/L	7115427	7115427-BLK1	12/01/07 16:01
Ethylbenzene	<0.520		ug/L	7115427	7115427-BLK1	12/01/07 16:01
Toluene	<0.500		ug/L	7115427	7115427-BLK1	12/01/07 16:01
Xylenes, total	<1.68		ug/L	7115427	7115427-BLK1	12/01/07 16:01
Surrogate: <i>a,a,a</i> -Trifluorotoluene	84%			7115427	7115427-BLK1	12/01/07 16:01
7115427-BLK2						
Benzene	<0.500		ug/L	7115427	7115427-BLK2	12/03/07 00:06
Ethylbenzene	<0.520		ug/L	7115427	7115427-BLK2	12/03/07 00:06
Toluene	<0.500		ug/L	7115427	7115427-BLK2	12/03/07 00:06
Xylenes, total	<1.68		ug/L	7115427	7115427-BLK2	12/03/07 00:06
Surrogate: <i>a,a,a</i> -Trifluorotoluene	84%			7115427	7115427-BLK2	12/03/07 00:06

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
7115089-BS1								
Benzene	100	97.6		ug/L	98%	74 - 120	7115089	11/30/07 12:19
Ethylbenzene	100	97.8		ug/L	98%	73 - 120	7115089	11/30/07 12:19
Toluene	100	102	B	ug/L	102%	74 - 120	7115089	11/30/07 12:19
Xylenes, total	200	191		ug/L	96%	67 - 120	7115089	11/30/07 12:19
Surrogate: a,a,a-Trifluorotoluene	30.0	37.3			124%	46 - 150	7115089	11/30/07 12:19
7115427-BS1								
Benzene	100	93.0	MNR1	ug/L	93%	74 - 120	7115427	12/03/07 03:22
Ethylbenzene	100	103	MNR1	ug/L	103%	73 - 120	7115427	12/03/07 03:22
Toluene	100	95.2	MNR1	ug/L	95%	74 - 120	7115427	12/03/07 03:22
Xylenes, total	300	290	MNR1	ug/L	97%	67 - 120	7115427	12/03/07 03:22
Surrogate: a,a,a-Trifluorotoluene	30.0	26.6			89%	46 - 150	7115427	12/03/07 03:22

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7115427-BSD1												
Benzene		95.4		ug/L	100	95%	74 - 120	3	39	7115427		12/03/07 03:50
Ethylbenzene		105		ug/L	100	105%	73 - 120	2	37	7115427		12/03/07 03:50
Toluene		98.1		ug/L	100	98%	74 - 120	3	30	7115427		12/03/07 03:50
Xylenes, total		296		ug/L	300	99%	67 - 120	2	38	7115427		12/03/07 03:50
Surrogate: <i>a,a,a</i> -Trifluorotoluene		27.0		ug/L	30.0	90%	46 - 150			7115427		12/03/07 03:50

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7115089-MS1										
Benzene	3.72	48.2		ug/L	50.0	89%	48 - 158	7115089	NQK2326-02R E1	11/30/07 10:40
Ethylbenzene	7.11	50.4		ug/L	50.0	87%	52 - 151	7115089	NQK2326-02R E1	11/30/07 10:40
Toluene	19.3	51.1	B	ug/L	50.0	64%	53 - 147	7115089	NQK2326-02R E1	11/30/07 10:40
Xylenes, total	37.9	98.0		ug/L	100	60%	52 - 143	7115089	NQK2326-02R E1	11/30/07 10:40
Surrogate: a,a,a-Trifluorotoluene		36.7		ug/L	30.0	122%	46 - 150	7115089	NQK2326-02R E1	11/30/07 10:40

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7115089-MSD1												
Benzene	3.72	50.7		ug/L	50.0	94%	48 - 158	5	39	7115089	NQK2326-02R EI	11/30/07 11:16
Ethylbenzene	7.11	50.7		ug/L	50.0	87%	52 - 151	0.6	37	7115089	NQK2326-02R EI	11/30/07 11:16
Toluene	19.3	53.4	B	ug/L	50.0	68%	53 - 147	4	30	7115089	NQK2326-02R EI	11/30/07 11:16
Xylenes, total	37.9	99.2		ug/L	100	61%	52 - 143	1	38	7115089	NQK2326-02R EI	11/30/07 11:16
Surrogate: <i>a,a,a-Trifluorotoluene</i>		36.4		ug/L	30.0	121%	46 - 150			7115089	NQK2326-02R EI	11/30/07 11:16

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

CERTIFICATION SUMMARY

Subcontracted Laboratories

GD Air Testing

903 North Bowser Road, Ste 200 - Richardson, TX 75081

Analysis Performed: Subcontract - TPH 8015 DRO (air)

Samples: NQK2244-02, NQK2244-03

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK2244
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/20/07 08:00

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee

NOK2244

12/06/07 23:59

H2A Environmental Ltd.

ADDRESS:

1862 Keller Parkway Keller Texas 76248

PROJECT CONTACT (Handy or PDF Report to):

John Savoie

TELEPHONE:

1.682.593.0220

FAX:

1.682.593.0660

E-MAIL:

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RMOCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDO NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES

☐ NETWORK DEV / FE

ANCE

☐ BILL CONSULTANT

☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

3 0 0 1 4 3

SAP or CRMT #

7 2 0 8 0 3 7

11-19-07

PAGE: 1 of 1

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDGE DELIVERABLE TO (Name, Company, Office Location):

John Savoie, H2A Env., Jal NM

SAMPLER NAME(S) (Print):

John Savoie

PHONE NO.:

1.505.631.1836

E-MAIL:

GLOBAL ID NO:

State

NM

CONSULTANT PROJECT NO.:

106.001

LAB USE ONLY

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
--------------	-----------------------------	---------------	------	--------	--------------

Effluent 11/18/07 1445 Water 3

LRP-1 11/18/07 1450 Air 1

LRP-2 11/18/07 1455 Air 1

TRIP BLANK

FIELD NOTES:
 Container/Preservative
 or PID Readings
 or Laboratory Notes
 Field Filtered Metals
 RCRA 8 ON METALS
 TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date: 11-19-07

Date:

Date:

Time: 0830

Time:

Time:

COOLER RECEIPT FORM

Cooler Received/Opened On 11/20/07 @ 08:10

1. Tracking # 8296 (last 4 digits, FedEx)

Courier: FED-EX IR Gun ID A01124

2. Temperature of rep. sample or temp blank when opened: N/A Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 2 - FRONT & BACK

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) RA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) AAV

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) RA

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) RA

I certify that I attached a label with the unique LIMS number to each container (initial) RA

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

COOLER RECEIPT



NQK2244

Cooler Received/Opened On: 11/20/07 @8:00

1. Tracking # 1951 (last 4 digits, FedEx)

Fed-ex: _____ IR Gun ID: 9217982

2. Temperature of rep. sample or temp blank when opened: 1.0 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

If yes, how many and where: 1 Foil

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) mm

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) AAV

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) BB

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) BB

I certify that I attached a label with the unique LIMS number to each container (initial) BB

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 46204

SUBCONTRACT ORDER
TestAmerica - Nashville, TN
NQK2244

PO: 2218727

SENDING LABORATORY:

TestAmerica - Nashville, TN
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

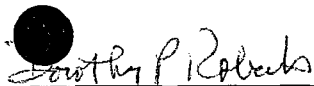
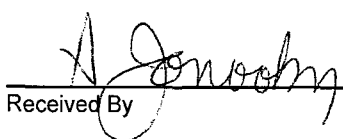
GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone: (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Units	Due	Expires	Comments
----------	-------	-----	---------	----------

Sample ID: NQK2244-02	Air	Sampled: 11/18/07 14:50		
Subcontract - TPH 8015 DR(%		12/04/07	08/13/10 15:50	GD Air Testing
Containers Supplied:				
Tedlar Bag 1L (A)		G007-0399-1		

Sample ID: NQK2244-03	Air	Sampled: 11/18/07 14:50		
Subcontract - TPH 8015 DR(%		12/04/07	08/13/10 15:50	GD Air Testing
Containers Supplied:				
Tedlar Bag 1L (A)		-2		

 Released By	<u>11/20/07 1:50</u> Date/Time	 Received By	<u>11/21/07 11:30am</u> Date/Time
Released By	Date/Time	Received By	Date/Time



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

GD Air Testing Lab. ID: **GD07-00399-001**
Report Date: **11/23/07**
Date Analyzed: **11/23/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-112307BTX**
Method: **EPATO14**

Project No.: **NQK2244**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQK2244-02	Air	NA	11/18/07	11/21/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
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VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	22.9	133.0
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Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.10	102.0
Bromofluorobenzene (SS2)	175	460004	5.00	4.24	84.8

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1lbag

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\112307.B\11230711.D
Report File: GD SRI\ID:\Rpt02-TO14\GD07-00399-001



CLIENT: **Dorothy Roberts**
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nashville, TN 37204

Project No.: **NQK2244**

GD Air Testing Lab. ID: **GD07-00399-002**
Report Date: **11/23/07**
Date Analyzed: **11/23/07**
Analyzed by: **LAJ**
GD Air QC Batch: **QC-112307BTX**
Method: **EPATO14**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQK2244-03	Air	NA	11/18/07	11/21/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
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VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	64.90	376.9
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Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	3.66	73.2
Bromofluorobenzene (SS2)	175	460004	5.00	6.09	121.8

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

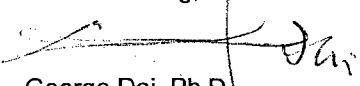
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.


George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\112307.B\11230709.D
Report File: GD SRID:\Rpt02-TO14\GD07-00399-002

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-91123-001

Report Date:

11/28/07

Date Analyzed:

11/23/07

Analyzed by:

LAJ

GD Air QC Batch:

QC-112307BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	LAJ	11/23/07	11/23/07

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked	Found	R%
			ppbv	ppbv	
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.51	110.2
Bromofluorobenzene (SS2)	175	460004	5.00	3.14	63

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\112307.B\11230708.D

Report File: GD SR\ID\Rpt02-TO14\GD07-91123-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD07-91123-002

GD07-91123-003

Report Date:

11/28/07

Date Analyzed:

11/23/07

Project No.:

Analyzed by:

LAJ

Method:

EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked ppbv	Found and Recovery				
		BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	12.7	127	11.3	113	11.7
Toluene	10.0	11.1	111	9.2	92	18.4
Ethylbenzene	10.0	14.1	141	13.5	135	4.35
o-Xylene	10.0	15.0	150	14.1	141	6.19

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.90	98	5.08	102	3.61
Bromofluorobenzene (SS2)	5.00	5.03	101	5.20	104	3.32

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

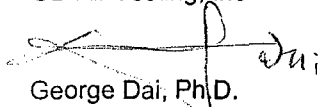
* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.


George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\112307.B\11230704.D gd5973.i\112307.B\11230706.D

Report File: GD\SRID\QC02-TO14\GD07-91123-002

January 07, 2008

4:02:02PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 12/21/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Effluent	NQL2349-01	12/20/07 11:20

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

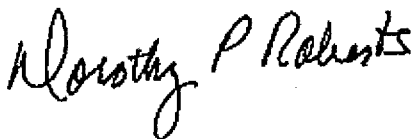
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQL2349-01 (Effluent - Water) Sampled: 12/20/07 11:20								
General Chemistry Parameters								
Nitrate as N	0.333		mg/L	0.100	1	12/22/07 06:54	EPA 300.0	7124067

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
7124067-BLK1						
Nitrate as N	<0.0500		mg/L	7124067	7124067-BLK1	12/22/07 03:32

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
7124067-DUP1									
Nitrate as N	1.33	1.33		mg/L	0.2	20	7124067	NQL2368-07	12/22/07 06:36

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
7124067-BS1								
Nitrate as N	3.00	3.22		mg/L	107%	90 - 110	7124067	12/22/07 03:50

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
7124067-BSD1												
Nitrate as N		3.18		mg/L	3.00	106%	90 - 110	1	20	7124067		12/22/07 04:09

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
7124067-MS1										
Nitrate as N	ND	2.12	M8	mg/L	3.00	71%	80 - 120	7124067	NQL2361-03	12/22/07 09:58

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
7124067-MSD1												
Nitrate as N	ND	2.19	M8	mg/L	3.00	73%	80 - 120	3	20	7124067	NQL2361-03	12/22/07 10:17

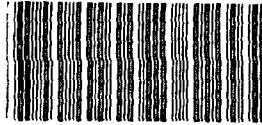
Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQL2349
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/21/07 08:25

DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



Cooler Received/Opened On: 12/21/07 07:45

NQL2349

1. Tracking # 8724 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID: 92171982

2. Temperature of rep. sample or temp blank when opened: 1.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler?

YES NO NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly?

YES NO NA

6. Were custody papers inside cooler?

YES NO NA

I certify that I opened the cooler and answered questions 1-6 (initial)

7. Were custody seals on containers:

YES NO

and Intact

YES NO NA

Were these signed and dated correctly?

YES NO NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES NO NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES NO NA

12. Did all container labels and tags agree with custody papers?

YES NO NA

13a. Were VOA vials received?

YES NO NA

b. Was there any observable headspace present in any VOA vial?

YES NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (initial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used

YES NO NA

If preservation in-house was needed, record standard ID of preservative used here

16. Was residual chlorine present?

YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial)

17. Were custody papers properly filled out (ink, signed, etc)?

YES NO NA

18. Did you sign the custody papers in the appropriate place?

YES NO NA

19. Were correct containers used for the analysis requested?

YES NO NA

20. Was sufficient amount of sample sent in each container?

YES NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial)

I certify that I attached a label with the unique LIMS number to each container (initial)

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO #

January 11, 2008

1:18:29PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQL2601
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 12/22/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
LRP-2	NQL2601-01	12/21/07 09:00

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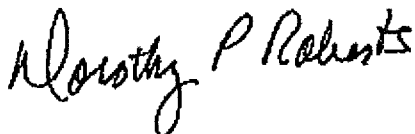
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQL2601
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/22/07 08:30

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
---------	--------	------	-------	-----	--------------------	-----------------------	--------	-------

Sample ID: NQL2601-01 (LRP-2 - Air) Sampled: 12/21/07 09:00

Subcontracted Analysis

See Attached Report

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQL2601
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/22/07 08:30

CERTIFICATION SUMMARY

Subcontracted Laboratories

GD Air Testing

903 North Bowser Road, Ste 200 - Richardson, TX 75081

Analysis Performed: Subcontract - TPH 8015 DRO (air)

Samples: NQL2601-01

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQL2601
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 12/22/07 08:30

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

COOLER RECEIPT



NQL2601

Cooler Received/Opened On 12/22/2007 @ 0830

1. Tracking # 8220 (last 4 digits, FedEx)

Courier: FedEx

IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: NA Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # 10

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____



SHELL Chain Of Custody Record

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California

NQL2601

01/10/08 23 59

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS:

1862 Keller Parkway Keller Texas 76248

PROJECT CONTACT (Please copy or PDF Report to):

John Savole

TELEPHONE:

1.682.593.0220

FAX:

1.682.593.0660

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

NAME OF PERSON TO BILL:

Ken Springer

☒ ENVIRONMENTAL SERVICES

WORK DEV / FE

☐ BILL CONSULTANT

APLANCE

☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

PO #

SAP or CRMT #

DATE: 12/21/2007

PAGE: 1 of 1

LOG CODE:

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Other Location):

John Savole, H2A Env., Jal NM

SAMPLER NAME (S) (Print)

John Savole

PHONE NO.:

1.505.631.1836

E-MAIL:

GLOBAL ID NO.:

State

NM

LAB USE ONLY

100.001

CONSULTANT PROJECT NO.:

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
--------------	-----------------------------	---------------	------	--------	--------------

LRP-2 12/21/07 900 AIR 1

PAH 8270
VOC 8260
Total Metals/Total mercury 6010
5 Oxygenates (8260B)
(MTBE, TBA, DIPE, TAME, ETBE)
Cyanide
Nitrate
Chloride
Sulfate
Flouride
TDS
PH
TPH 8016DRO

X

101

TEMPERATURE ON RECEIPT C°

N/A

FIELD NOTES:
Container/Preservative
or PID Readings
or Laboratory Notes

Relinquished By: (Signature)

Received By: (Signature)

Date: 12-21-07

Time: 1300

Relinquished By: (Signature)

Received By: (Signature)

Date: 12/21/07

Time: 1300

Relinquished By: (Signature)

Received By: (Signature)

Date: 12/21/07

Time: 1300

SUBCONTRACT ORDER

TestAmerica Nashville

NQL2601

SENDING LABORATORY:

TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Phone: 800-765-0980
Fax: 615-726-3404
Project Manager: Dorothy Roberts

RECEIVING LABORATORY:

GD Air Testing
903 North Bowser Road, Ste 200
Richardson, TX 75081
Phone : (972) 480-8908
Fax: x
Project Location: New Mexico
Receipt Temperature: _____ °C Ice: Y / N

Jal Station NM
2 miles south of Jal, NM

Analysis	Units	Due	Expires	Comments
Sample ID: NQL2601-01	Air		Sampled: 12/21/07 09:00	GP07-0443-1
Subcontract - TPH 8015 DR(%		01/08/08	09/15/10 10:00	GD Air Testing
Containers Supplied:				

Released By

12/26/07 1425
Date/Time

Received By

12/27/07 1100
Date/Time

Released By

Date/Time

Received By

Date/Time



CLIENT: Dorothy Roberts
Test America-Nashville, TN
2960 Foster Creighton Rd.
Nahville, TN 37204

GD Air Testing Lab. ID: **GD07-00443-001**
Report Date: 01/04/08
Date Analyzed: 01/04/08
Analyzed by: LAJ
GD Air QC Batch: **QC-010408BTX**
Method: EPATO14

Project No.: **NQL2601**

REPORT OF ANALYTICAL RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
NQL2601-01	Air	NA	12/21/07	12/27/07

CONSTITUENT	MW	CAS	PQL* ppmv	RESULT ppmv	NOTE mg/cu M
-------------	----	-----	--------------	----------------	-----------------

VOLATILE ORGANICS BY EPA TO-14

TPH as DRO	142.0		0.010	7.05	40.9
------------	-------	--	-------	------	------

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	4.43	88.6
Bromofluorobenzene (SS2)	175	460004	5.00	4.86	97.2

*Comparison with the method blank this sample run with a dilution factor of: **20.0**
1L BAG

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: gd5973.i\010408.B\01040815.D

Report File: GD SR\ID:\Rpt02-TO14\GD07-00443-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD08-90104-001

Report Date:

01/07/08

Date Analyzed:

01/04/08

Analyzed by:

LAJ

GD Air QC Batch:

QC-010408BTX

Project No.:

Method:

EPATO14

REPORT OF METHOD BLANK RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED	
BLK	Air	LAJ	01/04/08	01/04/08

CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE
			ppmv	ppmv	mg/cu M

VOLATILE ORGANICS BY EPA TO-14

Benzene	78.0	71432	0.0002	ND	ND
Ethylbenzene	106	100411	0.0002	ND	ND
Toluene	92.0	108883	0.0002	ND	ND
m&p-Xylenes	106	1330207	0.0002	ND	ND
o-Xylene	106	95476	0.0002	ND	ND
TPH as Gasoline	86.0		0.0005	ND	ND

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	6.23	124.6
Bromofluorobenzene (SS2)	175	460004	5.00	3.64	73

*Comparison with the method blank this sample run with a dilution factor of:

1.0

NA

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70%-130%.Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted

GD Air Testing, Inc.

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\010408.B\01040811.D

Report File: GD SR\ID:\Rpt02-TO14\GD08-90104-001

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:

GD08-90104-002

GD08-90104-003

Report Date:

01/07/08

Date Analyzed:

01/04/08

Project No.:

Analyzed by:

LAJ

Method:

EPATO14

REPORT OF BLANK SPIKE RESULTS

Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked	Found and Recovery				
	ppbv	BS/ppbv	BS R%	BSD	BSD R%	% RPD

VOLATILE ORGANICS BY EPA TO-14

Benzene	10.0	8.3	83	7.9	79	5.31
Toluene	10.0	7.1	71	6.8	68	4.77
Ethylbenzene	10.0	10.1	101	9.7	97	4.56
o-Xylene	10.0	10.8	108	10.2	102	5.71

Surrogate Recovery Report

1,4-Difluorobenzene (SS1)	5.00	4.92	98	5.14	103	4.37
Bromofluorobenzene (SS2)	5.00	5.37	107	5.44	109	1.30

* The control limit for BS Recovery % of all spiked compound is 70% - 130%

* The control limit for relative percentage difference of BS/BSD is 30%

* If any control compound is not within the control limit, please see the case narrative for more details.

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted

GD Air Testing, Inc.

AJ for Dr. Dai

George Dai, Ph.D.

Laboratory Director

Data File: gd5973.i\010408.B\01040810.D gd5973.i\010408.B\01040809.D

Report File: GD\SRID\QC02-TO14\GD08-90104-002

GROUNDWATER ANALYTICAL RESULTS



March 06, 2007

12:24:07PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQB2929
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 02/27/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-21	NQB2929-01	02/26/07 10:21
MW-17	NQB2929-02	02/26/07 10:55
MW-16	NQB2929-03	02/26/07 11:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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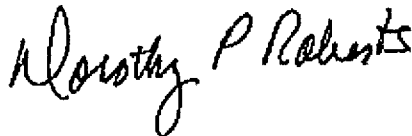
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Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2929
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB2929-01 (MW-21 - Water) Sampled: 02/26/07 10:21								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	1.85		ug/L	1.00	1	03/05/07 09:10	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 09:10	SW846 8021B	7030899
Toluene	1.76		ug/L	1.00	1	03/05/07 09:10	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/05/07 09:10	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	102 %					03/05/07 09:10	SW846 8021B	7030899
Sample ID: NQB2929-02 (MW-17 - Water) Sampled: 02/26/07 10:55								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 09:38	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 09:38	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/05/07 09:38	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/05/07 09:38	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	100 %					03/05/07 09:38	SW846 8021B	7030899
Sample ID: NQB2929-03 (MW-16 - Water) Sampled: 02/26/07 11:25								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 10:06	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 10:06	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/05/07 10:06	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/05/07 10:06	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	100 %					03/05/07 10:06	SW846 8021B	7030899

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2929
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Volatile Organic Compounds by EPA Method 8021B

7030899-BLK1

Benzene	<0.610		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Ethylbenzene	<0.460		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Toluene	0.914		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Xylenes, total	<0.840		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102%			7030899	7030899-BLK1	03/05/07 06:37

7030899-BLK2

Benzene	<0.610		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Ethylbenzene	<0.460		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Toluene	<0.600		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Xylenes, total	<0.840		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene	103%			7030899	7030899-BLK2	03/06/07 02:31

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2929
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7030899-BS1								
Benzene	20.0	18.9		ug/L	94%	74 - 127	7030899	03/05/07 14:13
Ethylbenzene	20.0	19.3		ug/L	96%	74 - 128	7030899	03/05/07 14:13
Toluene	20.0	19.5		ug/L	98%	74 - 126	7030899	03/05/07 14:13
Xylenes, total	60.0	59.6		ug/L	99%	74 - 129	7030899	03/05/07 14:13
Surrogate: <i>a,a,a</i> -Trifluorotoluene	20.0	21.6			108%	57 - 145	7030899	03/05/07 14:13
7030899-BS2								
Benzene	50.0	45.0		ug/L	90%	74 - 127	7030899	03/06/07 08:38
Ethylbenzene	50.0	47.1		ug/L	94%	74 - 128	7030899	03/06/07 08:38
Toluene	50.0	47.2		ug/L	94%	74 - 126	7030899	03/06/07 08:38
Xylenes, total	150	146		ug/L	97%	74 - 129	7030899	03/06/07 08:38
Surrogate: <i>a,a,a</i> -Trifluorotoluene	20.0	22.1			110%	57 - 145	7030899	03/06/07 08:38



Nashville Division
COOLER RECEIPT FORM

BC#



NQB2929

Cooler Received/Opened On: February 27, 2007 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1031

Fed-Ex UPS

Velocity

DHL

Route

Off-street

Misc.

2. Temperature of representative sample or temperature blank when opened: -0.5 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA.

a. If yes, how many and where: 1 - FRONT

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... RA

6. Were custody seals on containers: YES NO and Intact YES NO NA
were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag

Paper

Other

None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES NO NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... RA

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA YES

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... YES...NO...NA YES

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... RA

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... RA

I certify that I attached a label with the unique LIMS number to each container (initial)..... RA

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #

BIS = Broken in shipment
Cooler Receipt Form

LF-1
End of Form

Revised 3/9/06

LAB:
☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☐ TA - Nashville, Tennessee
☐ Cascience
☐ Other



Shell Chain of Custody Record

NAME OF PERSON TO BILL: Ken Springer

☒ ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE
☐ BILL CONSULTANT
☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (IES ONLY)
3 0 0 1 4 3
SAP or CRMT #

DATE: 2/26/07
PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

LOG CODE:

ADDRESS:
430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (Hardcopy or PDF Report to):

John Savoie

TELEPHONE:

1.817.254.9466

FAX:

1.817.254.9224

E-MAIL:

jsavoie@h2aenv.com

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCS REPORT FORMAT ☐ UST AGENCY:

- SPECIAL INSTRUCTIONS OR NOTES:
☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDP DELIVERABLE TO (Name, Company, Office Location)

John Savoie H2A Env., Jal NM

PHONE NO:

1.505.631.1836

E-MAIL:

jsavoie@h2aenv.com

State

NM

GLOBAL ID NO:

LAB USE ONLY

106.001

CONSULTANT PROJECT NO:

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

NAB2929

03/13/07 23:59

TEMPERATURE ON RECEIPT C°

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
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	MW-21	2/26/07	1021	WATER	3
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	MW-17	2/26/07	1055	WATER	3
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	MW-16	2/26/07	1125	WATER	3
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Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date: 2-26-07

Date: 2/26/07

Date: 2/26/07

Date: 2/26/07

Time: 1300

Time: 6:40

Time: 6:40

Time: 6:40

March 08, 2007

1:46:41PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 02/27/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-01	NQB2943-01	02/23/07 09:00
MW-05	NQB2943-02	02/23/07 09:27
MW-11	NQB2943-03	02/23/07 09:56
MW-15	NQB2943-04	02/23/07 10:20
MW-13	NQB2943-05	02/23/07 10:50
MW-20	NQB2943-06	02/23/07 11:05
MW-18	NQB2943-07	02/23/07 11:14
MW-06	NQB2943-08	02/23/07 11:26
MW-04	NQB2943-09	02/23/07 11:40
MW-19	NQB2943-10	02/23/07 11:52
MW-08	NQB2943-11	02/23/07 14:05
MW-02	NQB2943-12	02/23/07 14:20
MW-22	NQB2943-13	02/23/07 14:40
MW-12	NQB2943-14	02/25/07 08:48
MW-14	NQB2943-15	02/25/07 09:04
MW-03	NQB2943-16	02/25/07 11:38
MW-10	NQB2943-17	02/25/07 10:30
MW-24	NQB2943-18	02/25/07 11:26
MW-23	NQB2943-19	02/25/07 11:07

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

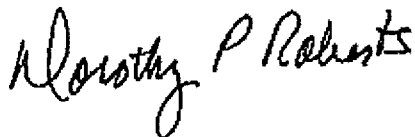
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



TestAmerica

ANALYTICAL TESTING CORPORATION

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB2943-01 (MW-01 - Water) Sampled: 02/23/07 09:00								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 12:48	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 12:48	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/05/07 12:48	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/05/07 12:48	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	100 %					03/05/07 12:48	SW846 8021B	7030899
Sample ID: NQB2943-02 (MW-05 - Water) Sampled: 02/23/07 09:27								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 13:16	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 13:16	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/05/07 13:16	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/05/07 13:16	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	100 %					03/05/07 13:16	SW846 8021B	7030899
Sample ID: NQB2943-03 (MW-11 - Water) Sampled: 02/23/07 09:56								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 13:45	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 13:45	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/05/07 13:45	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/05/07 13:45	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	98 %					03/05/07 13:45	SW846 8021B	7030899
Sample ID: NQB2943-04 (MW-15 - Water) Sampled: 02/23/07 10:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/06/07 02:59	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/06/07 02:59	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/06/07 02:59	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/06/07 02:59	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	102 %					03/06/07 02:59	SW846 8021B	7030899
Sample ID: NQB2943-05 (MW-13 - Water) Sampled: 02/23/07 10:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/06/07 03:28	SW846 8021B	7030899
Ethylbenzene	ND		ug/L	1.00	1	03/06/07 03:28	SW846 8021B	7030899
Toluene	ND		ug/L	1.00	1	03/06/07 03:28	SW846 8021B	7030899
Xylenes, total	ND		ug/L	3.00	1	03/06/07 03:28	SW846 8021B	7030899
Surr: a,a,a-Trifluorotoluene (57-145%)	102 %					03/06/07 03:28	SW846 8021B	7030899
Sample ID: NQB2943-06 (MW-20 - Water) Sampled: 02/23/07 11:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	63.7		ug/L	1.00	1	03/06/07 03:56	SW846 8021B	7030899
Ethylbenzene	126		ug/L	1.00	1	03/06/07 03:56	SW846 8021B	7030899
Toluene	2.18		ug/L	1.00	1	03/06/07 03:56	SW846 8021B	7030899
Xylenes, total	43.6		ug/L	3.00	1	03/06/07 03:56	SW846 8021B	7030899

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB2943-06 (MW-20 - Water) - cont. Sampled: 02/23/07 11:05								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (57-145%)	114 %					03/06/07 03:56	SW846 8021B	7030899
Sample ID: NQB2943-07 (MW-18 - Water) Sampled: 02/23/07 11:14								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	66.9		ug/L	1.00	1	03/06/07 01:22	SW846 8021B	7030830
Ethylbenzene	86.9		ug/L	1.00	1	03/06/07 01:22	SW846 8021B	7030830
Toluene	2.34		ug/L	1.00	1	03/06/07 01:22	SW846 8021B	7030830
Xylenes, total	13.8		ug/L	3.00	1	03/06/07 01:22	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	101 %					03/06/07 01:22	SW846 8021B	7030830
Sample ID: NQB2943-08 (MW-06 - Water) Sampled: 02/23/07 11:26								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	22.7		ug/L	1.00	1	03/06/07 01:48	SW846 8021B	7030830
Ethylbenzene	15.0		ug/L	1.00	1	03/06/07 01:48	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 01:48	SW846 8021B	7030830
Xylenes, total	14.2		ug/L	3.00	1	03/06/07 01:48	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	99 %					03/06/07 01:48	SW846 8021B	7030830
Sample ID: NQB2943-09 (MW-04 - Water) Sampled: 02/23/07 11:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 22:52	SW846 8021B	7030830
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 22:52	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/05/07 22:52	SW846 8021B	7030830
Xylenes, total	ND		ug/L	3.00	1	03/05/07 22:52	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	118 %					03/05/07 22:52	SW846 8021B	7030830
Sample ID: NQB2943-10 (MW-19 - Water) Sampled: 02/23/07 11:52								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	7.77		ug/L	1.00	1	03/06/07 02:13	SW846 8021B	7030830
Ethylbenzene	21.1		ug/L	1.00	1	03/06/07 02:13	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 02:13	SW846 8021B	7030830
Xylenes, total	19.6		ug/L	3.00	1	03/06/07 02:13	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	113 %					03/06/07 02:13	SW846 8021B	7030830
Sample ID: NQB2943-11 (MW-08 - Water) Sampled: 02/23/07 14:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/06/07 02:38	SW846 8021B	7030830
Ethylbenzene	ND		ug/L	1.00	1	03/06/07 02:38	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 02:38	SW846 8021B	7030830
Xylenes, total	ND		ug/L	3.00	1	03/06/07 02:38	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	109 %					03/06/07 02:38	SW846 8021B	7030830
Sample ID: NQB2943-12 (MW-02 - Water) Sampled: 02/23/07 14:20								
Volatile Organic Compounds by EPA Method 8021B								

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB2943-12 (MW-02 - Water) - cont. Sampled: 02/23/07 14:20								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Benzene	10.6		ug/L	1.00	1	03/06/07 03:03	SW846 8021B	7030830
Ethylbenzene	37.2		ug/L	1.00	1	03/06/07 03:03	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 03:03	SW846 8021B	7030830
Xylenes, total	30.1		ug/L	3.00	1	03/06/07 03:03	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	97 %					03/06/07 03:03	SW846 8021B	7030830
Sample ID: NQB2943-13 (MW-22 - Water) Sampled: 02/23/07 14:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 23:17	SW846 8021B	7030830
Ethylbenzene	ND		ug/L	1.00	1	03/05/07 23:17	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/05/07 23:17	SW846 8021B	7030830
Xylenes, total	ND		ug/L	3.00	1	03/05/07 23:17	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	121 %					03/05/07 23:17	SW846 8021B	7030830
Sample ID: NQB2943-14 (MW-12 - Water) Sampled: 02/25/07 08:48								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 23:42	SW846 8021B	7030830
Ethylbenzene	3.71		ug/L	1.00	1	03/05/07 23:42	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/05/07 23:42	SW846 8021B	7030830
Xylenes, total	12.5		ug/L	3.00	1	03/05/07 23:42	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	122 %					03/05/07 23:42	SW846 8021B	7030830
Sample ID: NQB2943-15 (MW-14 - Water) Sampled: 02/25/07 09:04								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	4.70		ug/L	1.00	1	03/06/07 00:57	SW846 8021B	7030830
Ethylbenzene	7.66		ug/L	1.00	1	03/06/07 00:57	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 00:57	SW846 8021B	7030830
Xylenes, total	4.69		ug/L	3.00	1	03/06/07 00:57	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	99 %					03/06/07 00:57	SW846 8021B	7030830
Sample ID: NQB2943-16 (MW-03 - Water) Sampled: 02/25/07 11:38								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/05/07 22:26	SW846 8021B	7030830
Ethylbenzene	1.63		ug/L	1.00	1	03/05/07 22:26	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/05/07 22:26	SW846 8021B	7030830
Xylenes, total	3.29		ug/L	3.00	1	03/05/07 22:26	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	125 %					03/05/07 22:26	SW846 8021B	7030830
Sample ID: NQB2943-17 (MW-10 - Water) Sampled: 02/25/07 10:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/06/07 03:28	SW846 8021B	7030830
Ethylbenzene	ND		ug/L	1.00	1	03/06/07 03:28	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 03:28	SW846 8021B	7030830
Xylenes, total	ND		ug/L	3.00	1	03/06/07 03:28	SW846 8021B	7030830

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQB2943-17 (MW-10 - Water) - cont. Sampled: 02/25/07 10:30								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (57-145%)	112 %					03/06/07 03:28	SW846 8021B	7030830
Sample ID: NQB2943-18RE1 (MW-24 - Water) Sampled: 02/25/07 11:26								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	26.4		ug/L	1.00	1	03/06/07 12:26	SW846 8021B	7031000
Ethylbenzene	27.7		ug/L	1.00	1	03/06/07 12:26	SW846 8021B	7031000
Toluene	ND		ug/L	1.00	1	03/06/07 12:26	SW846 8021B	7031000
Xylenes, total	14.6		ug/L	3.00	1	03/06/07 12:26	SW846 8021B	7031000
Surr: a,a,a-Trifluorotoluene (57-145%)	109 %					03/06/07 12:26	SW846 8021B	7031000
Sample ID: NQB2943-19 (MW-23 - Water) Sampled: 02/25/07 11:07								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	3.10		ug/L	1.00	1	03/06/07 04:18	SW846 8021B	7030830
Ethylbenzene	3.66		ug/L	1.00	1	03/06/07 04:18	SW846 8021B	7030830
Toluene	ND		ug/L	1.00	1	03/06/07 04:18	SW846 8021B	7030830
Xylenes, total	ND		ug/L	3.00	1	03/06/07 04:18	SW846 8021B	7030830
Surr: a,a,a-Trifluorotoluene (57-145%)	116 %					03/06/07 04:18	SW846 8021B	7030830

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7030830-BLK1						
Benzene	<0.610		ug/L	7030830	7030830-BLK1	03/05/07 19:30
Ethylbenzene	<0.460		ug/L	7030830	7030830-BLK1	03/05/07 19:30
Toluene	<0.600		ug/L	7030830	7030830-BLK1	03/05/07 19:30
Xylenes, total	<0.840		ug/L	7030830	7030830-BLK1	03/05/07 19:30
Surrogate: <i>a,a,a</i> -Trifluorotoluene	116%			7030830	7030830-BLK1	03/05/07 19:30
7030830-BLK2						
Benzene	<0.610		ug/L	7030830	7030830-BLK2	03/06/07 00:32
Ethylbenzene	<0.460		ug/L	7030830	7030830-BLK2	03/06/07 00:32
Toluene	<0.600		ug/L	7030830	7030830-BLK2	03/06/07 00:32
Xylenes, total	<0.840		ug/L	7030830	7030830-BLK2	03/06/07 00:32
Surrogate: <i>a,a,a</i> -Trifluorotoluene	113%			7030830	7030830-BLK2	03/06/07 00:32
7030899-BLK1						
Benzene	<0.610		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Ethylbenzene	<0.460		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Toluene	0.914		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Xylenes, total	<0.840		ug/L	7030899	7030899-BLK1	03/05/07 06:37
Surrogate: <i>a,a,a</i> -Trifluorotoluene	102%			7030899	7030899-BLK1	03/05/07 06:37
7030899-BLK2						
Benzene	<0.610		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Ethylbenzene	<0.460		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Toluene	<0.600		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Xylenes, total	<0.840		ug/L	7030899	7030899-BLK2	03/06/07 02:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene	103%			7030899	7030899-BLK2	03/06/07 02:31
7031000-BLK1						
Benzene	<0.610		ug/L	7031000	7031000-BLK1	03/06/07 08:01
Ethylbenzene	<0.460		ug/L	7031000	7031000-BLK1	03/06/07 08:01
Toluene	<0.600		ug/L	7031000	7031000-BLK1	03/06/07 08:01
Xylenes, total	<0.840		ug/L	7031000	7031000-BLK1	03/06/07 08:01
Surrogate: <i>a,a,a</i> -Trifluorotoluene	120%			7031000	7031000-BLK1	03/06/07 08:01

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7030830-BS1								
Benzene	100	107		ug/L	107%	74 - 127	7030830	03/06/07 05:09
Ethylbenzene	100	97.4		ug/L	97%	74 - 128	7030830	03/06/07 05:09
Toluene	100	106		ug/L	106%	74 - 126	7030830	03/06/07 05:09
Xylenes, total	200	205		ug/L	102%	74 - 129	7030830	03/06/07 05:09
Surrogate: a,a,a-Trifluorotoluene	30.0	33.5			112%	57 - 145	7030830	03/06/07 05:09
7030899-BS1								
Benzene	20.0	18.9		ug/L	94%	74 - 127	7030899	03/05/07 14:13
Ethylbenzene	20.0	19.3		ug/L	96%	74 - 128	7030899	03/05/07 14:13
Toluene	20.0	19.5		ug/L	98%	74 - 126	7030899	03/05/07 14:13
Xylenes, total	60.0	59.6		ug/L	99%	74 - 129	7030899	03/05/07 14:13
Surrogate: a,a,a-Trifluorotoluene	20.0	21.6			108%	57 - 145	7030899	03/05/07 14:13
7030899-BS2								
Benzene	50.0	45.0		ug/L	90%	74 - 127	7030899	03/06/07 08:38
Ethylbenzene	50.0	47.1		ug/L	94%	74 - 128	7030899	03/06/07 08:38
Toluene	50.0	47.2		ug/L	94%	74 - 126	7030899	03/06/07 08:38
Xylenes, total	150	146		ug/L	97%	74 - 129	7030899	03/06/07 08:38
Surrogate: a,a,a-Trifluorotoluene	20.0	22.1			110%	57 - 145	7030899	03/06/07 08:38
7031000-BS1								
Benzene	100	110		ug/L	110%	74 - 127	7031000	03/06/07 10:37
Ethylbenzene	100	100		ug/L	100%	74 - 128	7031000	03/06/07 10:37
Toluene	100	109		ug/L	109%	74 - 126	7031000	03/06/07 10:37
Xylenes, total	200	204		ug/L	102%	74 - 129	7031000	03/06/07 10:37
Surrogate: a,a,a-Trifluorotoluene	30.0	37.9			126%	57 - 145	7031000	03/06/07 10:37

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7030830-MS1										
Benzene	ND	61.8		ug/L	50.0	124%	61 - 153	7030830	NQB3089-01	03/06/07 13:15
Ethylbenzene	0.0220	60.7		ug/L	50.0	121%	64 - 151	7030830	NQB3089-01	03/06/07 13:15
Toluene	ND	64.8		ug/L	50.0	130%	59 - 152	7030830	NQB3089-01	03/06/07 13:15
Xylenes, total	0.0230	123		ug/L	100	123%	62 - 153	7030830	NQB3089-01	03/06/07 13:15
Surrogate: <i>a,a,a-Trifluorotoluene</i>		36.8		ug/L	30.0	123%	57 - 145	7030830	NQB3089-01	03/06/07 13:15

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQB2943
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 02/27/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7030830-MSD1												
Benzene	ND	58.4		ug/L	50.0	117%	61 - 153	6	30	7030830	NQB3089-01	03/06/07 14:50
Ethylbenzene	0.0220	58.8		ug/L	50.0	118%	64 - 151	3	30	7030830	NQB3089-01	03/06/07 14:50
Toluene	ND	62.5		ug/L	50.0	125%	59 - 152	4	46	7030830	NQB3089-01	03/06/07 14:50
Xylenes, total	0.0230	121		ug/L	100	121%	62 - 153	2	36	7030830	NQB3089-01	03/06/07 14:50
Surrogate: <i>a,a,a</i> -Trifluorotoluene		35.9		ug/L	30.0	120%	57 - 145			7030830	NQB3089-01	03/06/07 14:50

Nashville Division COOLER RECEIPT FORM



BC#

NQB2943

Cooler Received/Opened On 02/27/2007 @ 0800

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0929

Fed-Ex

2. Temperature of representative sample or temperature blank when opened: 1-0 Degrees Celsius
(indicate IR Gun ID#)

Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (initial)..... RR

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (initial)..... P

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used?..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (initial)..... RR

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (initial)..... RR

I certify that I attached a label with the unique LIMS number to each container (initial)..... RR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # _____



SHELL Chain Of Custody Record

LAB:

- ☐ LA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ Caldecote
☐ Other _____

NAME OF PERSON TO BILL: Ken Springer

- ☒ ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE
☐ BILL CONSULTANT
☐ RPT/CMNT

SAMPLING COMPANY:

H2A Environmental Ltd.

LOG CODE:

ADDRESS:

430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (Handcopy or PDF Report):

John Savoie

TELEPHONE:

1.817.254.9466

FAX:

1.817.254.9224

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:**SPECIAL INSTRUCTIONS OR NOTES:**

- ☐ EDO NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)
3 0 0 1 4 3
SAP or CRMT #

DATE: 2/26/07
PAGE: 2 of 2

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location):

John Savoie, H2A Env., Jal NM

PHONE NO.

NM

E-MAIL:

CONSULTANT PROJECT NO.

104.001

REQUESTED ANALYSIS**FIELD NOTES:**

Container/Preservative
or PID Readings
or Laboratory Notes

TEMPERATURE ON RECEIPT C°

Field Sample Identification

SAMPLING DATE TIME

MATRIX NO. OF CONT.

BTX 8021

MMW-08	2/23/07	1405	WATER	3	X
MMW-02	2/23/07	1420	WATER	3	X
MMW-22	2/23/07	1440	WATER	3	X
MMW-12	2/25/07	848	WATER	3	X
MMW-14	2/25/07	904	WATER	3	X
MMW-03	2/25/07	1138	WATER	3	X
MMW-10	2/25/07	1030	WATER	3	X
MMW-24	2/25/07	1126	WATER	3	X
MMW-23	2/25/07	1107	WATER	3	X

Relinquished by (Signature)

Received by (Signature)

Relinquished by (Signature)

Received by (Signature)

Relinquished by (Signature)

Received by (Signature)

Date: 2-26-07
Time: 0900

Date: 2/27/07
Time: 0800

May 31, 2007

5:40:44PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQE2881
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 05/23/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-01	NQE2881-01	05/21/07 08:27
MW-05	NQE2881-02	05/21/07 09:11
MW-11	NQE2881-03	05/21/07 09:40
MW-15	NQE2881-04	05/21/07 10:05
MW-13	NQE2881-05	05/21/07 10:27
MW-18	NQE2881-06	05/21/07 11:41
MW-20	NQE2881-07	05/21/07 11:58
MW-02	NQE2881-08	05/21/07 12:16
MW-08	NQE2881-09	05/21/07 12:27
MW-19	NQE2881-10	05/21/07 12:51
MW-03	NQE2881-11	05/21/07 13:05
MW-24	NQE2881-12	05/22/07 08:16
MW-22	NQE2881-13	05/22/07 07:50
MW-04	NQE2881-14	05/22/07 08:50
MW-12	NQE2881-15	05/22/07 07:09
MW-14	NQE2881-16	05/22/07 07:24
MW-10	NQE2881-17	05/22/07 08:40
MW-23	NQE2881-18	05/22/07 09:20
MW-06	NQE2881-19	05/22/07 09:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.

Other anomalies noted at sample log-in are outlined in accompanying LF-1 form (Cooler Receipt) and/or CSF-12 (Sample nonconformance/COC revision form).

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE2881
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/23/07 07:50



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE2881
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/23/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE2881-01 (MW-01 - Water) Sampled: 05/21/07 08:27								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/24/07 21:44	SW846 8021B	7054859
Ethylbenzene	ND		ug/L	1.00	1	05/24/07 21:44	SW846 8021B	7054859
Toluene	ND		ug/L	1.00	1	05/24/07 21:44	SW846 8021B	7054859
Xylenes, total	ND		ug/L	3.00	1	05/24/07 21:44	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	84 %					05/24/07 21:44	SW846 8021B	7054859
Sample ID: NQE2881-02 (MW-05 - Water) Sampled: 05/21/07 09:11								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/24/07 22:16	SW846 8021B	7054859
Ethylbenzene	ND		ug/L	1.00	1	05/24/07 22:16	SW846 8021B	7054859
Toluene	ND		ug/L	1.00	1	05/24/07 22:16	SW846 8021B	7054859
Xylenes, total	ND		ug/L	3.00	1	05/24/07 22:16	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	84 %					05/24/07 22:16	SW846 8021B	7054859
Sample ID: NQE2881-03 (MW-11 - Water) Sampled: 05/21/07 09:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/25/07 00:26	SW846 8021B	7054859
Ethylbenzene	ND		ug/L	1.00	1	05/25/07 00:26	SW846 8021B	7054859
Toluene	ND		ug/L	1.00	1	05/25/07 00:26	SW846 8021B	7054859
Xylenes, total	ND		ug/L	3.00	1	05/25/07 00:26	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	82 %					05/25/07 00:26	SW846 8021B	7054859
Sample ID: NQE2881-04 (MW-15 - Water) Sampled: 05/21/07 10:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/25/07 00:59	SW846 8021B	7054859
Ethylbenzene	ND		ug/L	1.00	1	05/25/07 00:59	SW846 8021B	7054859
Toluene	ND		ug/L	1.00	1	05/25/07 00:59	SW846 8021B	7054859
Xylenes, total	ND		ug/L	3.00	1	05/25/07 00:59	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	83 %					05/25/07 00:59	SW846 8021B	7054859
Sample ID: NQE2881-05 (MW-13 - Water) Sampled: 05/21/07 10:27								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/25/07 01:31	SW846 8021B	7054859
Ethylbenzene	ND		ug/L	1.00	1	05/25/07 01:31	SW846 8021B	7054859
Toluene	ND		ug/L	1.00	1	05/25/07 01:31	SW846 8021B	7054859
Xylenes, total	ND		ug/L	3.00	1	05/25/07 01:31	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	84 %					05/25/07 01:31	SW846 8021B	7054859
Sample ID: NQE2881-06 (MW-18 - Water) Sampled: 05/21/07 11:41								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	64.3		ug/L	1.00	1	05/25/07 02:04	SW846 8021B	7054859
Ethylbenzene	89.2		ug/L	1.00	1	05/25/07 02:04	SW846 8021B	7054859
Toluene	1.15		ug/L	1.00	1	05/25/07 02:04	SW846 8021B	7054859
Xylenes, total	10.5		ug/L	3.00	1	05/25/07 02:04	SW846 8021B	7054859

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
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Attn John Savoie

Work Order: NQE2881
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/23/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE2881-06 (MW-18 - Water) - cont. Sampled: 05/21/07 11:41								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (57-145%)	91 %					05/25/07 02:04	SW846 8021B	7054859
Sample ID: NQE2881-07 (MW-20 - Water) Sampled: 05/21/07 11:58								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	61.2		ug/L	1.00	1	05/25/07 02:36	SW846 8021B	7054859
Ethylbenzene	107		ug/L	1.00	1	05/25/07 02:36	SW846 8021B	7054859
Toluene	1.16		ug/L	1.00	1	05/25/07 02:36	SW846 8021B	7054859
Xylenes, total	36.7		ug/L	3.00	1	05/25/07 02:36	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	88 %					05/25/07 02:36	SW846 8021B	7054859
Sample ID: NQE2881-08 (MW-02 - Water) Sampled: 05/21/07 12:16								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	3.33		ug/L	1.00	1	05/25/07 03:09	SW846 8021B	7054859
Ethylbenzene	8.40		ug/L	1.00	1	05/25/07 03:09	SW846 8021B	7054859
Toluene	ND		ug/L	1.00	1	05/25/07 03:09	SW846 8021B	7054859
Xylenes, total	4.27		ug/L	3.00	1	05/25/07 03:09	SW846 8021B	7054859
Surr: a,a,a-Trifluorotoluene (57-145%)	80 %					05/25/07 03:09	SW846 8021B	7054859
Sample ID: NQE2881-09 (MW-08 - Water) Sampled: 05/21/07 12:27								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/25/07 20:45	SW846 8021B	7055181
Ethylbenzene	ND		ug/L	1.00	1	05/25/07 20:45	SW846 8021B	7055181
Toluene	ND		ug/L	1.00	1	05/25/07 20:45	SW846 8021B	7055181
Xylenes, total	ND		ug/L	3.00	1	05/25/07 20:45	SW846 8021B	7055181
Surr: a,a,a-Trifluorotoluene (57-145%)	91 %					05/25/07 20:45	SW846 8021B	7055181
Sample ID: NQE2881-10 (MW-19 - Water) Sampled: 05/21/07 12:51								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	11.7		ug/L	1.00	1	05/25/07 21:17	SW846 8021B	7055181
Ethylbenzene	29.7		ug/L	1.00	1	05/25/07 21:17	SW846 8021B	7055181
Toluene	ND		ug/L	1.00	1	05/25/07 21:17	SW846 8021B	7055181
Xylenes, total	17.6		ug/L	3.00	1	05/25/07 21:17	SW846 8021B	7055181
Surr: a,a,a-Trifluorotoluene (57-145%)	93 %					05/25/07 21:17	SW846 8021B	7055181
Sample ID: NQE2881-11 (MW-03 - Water) Sampled: 05/21/07 13:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/25/07 21:50	SW846 8021B	7055181
Ethylbenzene	4.19		ug/L	1.00	1	05/25/07 21:50	SW846 8021B	7055181
Toluene	ND		ug/L	1.00	1	05/25/07 21:50	SW846 8021B	7055181
Xylenes, total	9.31		ug/L	3.00	1	05/25/07 21:50	SW846 8021B	7055181
Surr: a,a,a-Trifluorotoluene (57-145%)	87 %					05/25/07 21:50	SW846 8021B	7055181
Sample ID: NQE2881-12 (MW-24 - Water) Sampled: 05/22/07 08:16								
Volatile Organic Compounds by EPA Method 8021B								

Client H2A Environmental Ltd / Shell (14016)
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Received: 05/23/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE2881-12 (MW-24 - Water) - cont. Sampled: 05/22/07 08:16								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Benzene	80.9		ug/L	1.00	1	05/25/07 22:22	SW846 8021B	7055181
Ethylbenzene	82.5		ug/L	1.00	1	05/25/07 22:22	SW846 8021B	7055181
Toluene	ND		ug/L	1.00	1	05/25/07 22:22	SW846 8021B	7055181
Xylenes, total	7.51		ug/L	3.00	1	05/25/07 22:22	SW846 8021B	7055181
Surr: a,a,a-Trifluorotoluene (57-145%)	99 %					05/25/07 22:22	SW846 8021B	7055181
Sample ID: NQE2881-13 (MW-22 - Water) Sampled: 05/22/07 07:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 15:21	SW846 8021B	7055322
Ethylbenzene	ND		ug/L	1.00	1	05/26/07 15:21	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 15:21	SW846 8021B	7055322
Xylenes, total	3.09		ug/L	3.00	1	05/26/07 15:21	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	87 %					05/26/07 15:21	SW846 8021B	7055322
Sample ID: NQE2881-14 (MW-04 - Water) Sampled: 05/22/07 08:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 15:54	SW846 8021B	7055322
Ethylbenzene	ND		ug/L	1.00	1	05/26/07 15:54	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 15:54	SW846 8021B	7055322
Xylenes, total	ND		ug/L	3.00	1	05/26/07 15:54	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	89 %					05/26/07 15:54	SW846 8021B	7055322
Sample ID: NQE2881-15 (MW-12 - Water) Sampled: 05/22/07 07:09								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 16:26	SW846 8021B	7055322
Ethylbenzene	ND		ug/L	1.00	1	05/26/07 16:26	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 16:26	SW846 8021B	7055322
Xylenes, total	ND		ug/L	3.00	1	05/26/07 16:26	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	92 %					05/26/07 16:26	SW846 8021B	7055322
Sample ID: NQE2881-16 (MW-14 - Water) Sampled: 05/22/07 07:24								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	4.19		ug/L	1.00	1	05/26/07 16:59	SW846 8021B	7055322
Ethylbenzene	7.80		ug/L	1.00	1	05/26/07 16:59	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 16:59	SW846 8021B	7055322
Xylenes, total	9.71		ug/L	3.00	1	05/26/07 16:59	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	91 %					05/26/07 16:59	SW846 8021B	7055322
Sample ID: NQE2881-17 (MW-10 - Water) Sampled: 05/22/07 08:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 17:31	SW846 8021B	7055322
Ethylbenzene	ND		ug/L	1.00	1	05/26/07 17:31	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 17:31	SW846 8021B	7055322
Xylenes, total	ND		ug/L	3.00	1	05/26/07 17:31	SW846 8021B	7055322

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ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE2881-17 (MW-10 - Water) - cont. Sampled: 05/22/07 08:40								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Surr: a,a,a-Trifluorotoluene (57-145%)	86 %					05/26/07 17:31	SW846 8021B	7055322
Sample ID: NQE2881-18 (MW-23 - Water) Sampled: 05/22/07 09:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	2.32		ug/L	1.00	1	05/26/07 18:04	SW846 8021B	7055322
Ethylbenzene	1.27		ug/L	1.00	1	05/26/07 18:04	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 18:04	SW846 8021B	7055322
Xylenes, total	ND		ug/L	3.00	1	05/26/07 18:04	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	87 %					05/26/07 18:04	SW846 8021B	7055322
Sample ID: NQE2881-19 (MW-06 - Water) Sampled: 05/22/07 09:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	43.9		ug/L	1.00	1	05/26/07 18:36	SW846 8021B	7055322
Ethylbenzene	14.7		ug/L	1.00	1	05/26/07 18:36	SW846 8021B	7055322
Toluene	1.94		ug/L	1.00	1	05/26/07 18:36	SW846 8021B	7055322
Xylenes, total	11.1		ug/L	3.00	1	05/26/07 18:36	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	95 %					05/26/07 18:36	SW846 8021B	7055322

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PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7054859-BLK1						
Benzene	<0.610		ug/L	7054859	7054859-BLK1	05/24/07 16:51
Ethylbenzene	<0.460		ug/L	7054859	7054859-BLK1	05/24/07 16:51
Toluene	<0.600		ug/L	7054859	7054859-BLK1	05/24/07 16:51
Xylenes, total	<0.840		ug/L	7054859	7054859-BLK1	05/24/07 16:51
Surrogate: <i>a,a,a</i> -Trifluorotoluene	82%			7054859	7054859-BLK1	05/24/07 16:51
7054859-BLK2						
Benzene	<0.610		ug/L	7054859	7054859-BLK2	05/24/07 23:54
Ethylbenzene	<0.460		ug/L	7054859	7054859-BLK2	05/24/07 23:54
Toluene	<0.600		ug/L	7054859	7054859-BLK2	05/24/07 23:54
Xylenes, total	<0.840		ug/L	7054859	7054859-BLK2	05/24/07 23:54
Surrogate: <i>a,a,a</i> -Trifluorotoluene	82%			7054859	7054859-BLK2	05/24/07 23:54
7055181-BLK1						
Benzene	<0.610		ug/L	7055181	7055181-BLK1	05/25/07 18:02
Ethylbenzene	<0.460		ug/L	7055181	7055181-BLK1	05/25/07 18:02
Toluene	<0.600		ug/L	7055181	7055181-BLK1	05/25/07 18:02
Xylenes, total	<0.840		ug/L	7055181	7055181-BLK1	05/25/07 18:02
Surrogate: <i>a,a,a</i> -Trifluorotoluene	87%			7055181	7055181-BLK1	05/25/07 18:02
7055322-BLK1						
Benzene	<0.610		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Ethylbenzene	<0.460		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Toluene	<0.600		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Xylenes, total	<0.840		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Surrogate: <i>a,a,a</i> -Trifluorotoluene	87%			7055322	7055322-BLK1	05/26/07 13:44
7055322-BLK2						
Benzene	<0.610		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Ethylbenzene	<0.460		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Toluene	<0.600		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Xylenes, total	<0.840		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Surrogate: <i>a,a,a</i> -Trifluorotoluene	88%			7055322	7055322-BLK2	05/26/07 20:14

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PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7054859-BS1								
Benzene	100	102		ug/L	102%	74 - 127	7054859	05/25/07 05:51
Ethylbenzene	100	91.5		ug/L	92%	74 - 128	7054859	05/25/07 05:51
Toluene	100	96.3		ug/L	96%	74 - 126	7054859	05/25/07 05:51
Xylenes, total	300	232		ug/L	77%	74 - 129	7054859	05/25/07 05:51
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	26.4			88%	57 - 145	7054859	05/25/07 05:51
7055181-BS1								
Benzene	100	102		ug/L	102%	74 - 127	7055181	05/26/07 05:25
Ethylbenzene	100	91.0		ug/L	91%	74 - 128	7055181	05/26/07 05:25
Toluene	100	94.7		ug/L	95%	74 - 126	7055181	05/26/07 05:25
Xylenes, total	300	230		ug/L	77%	74 - 129	7055181	05/26/07 05:25
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	27.3			91%	57 - 145	7055181	05/26/07 05:25
7055322-BS1								
Benzene	100	98.8		ug/L	99%	74 - 127	7055322	05/27/07 01:31
Ethylbenzene	100	89.8		ug/L	90%	74 - 128	7055322	05/27/07 01:31
Toluene	100	94.0		ug/L	94%	74 - 126	7055322	05/27/07 01:31
Xylenes, total	300	229		ug/L	76%	74 - 129	7055322	05/27/07 01:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	28.2			94%	57 - 145	7055322	05/27/07 01:31

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PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7054859-MS1										
Benzene	ND	60.8		ug/L	50.0	122%	61 - 153	7054859	NQE2881-01	05/25/07 14:40
Ethylbenzene	ND	55.9		ug/L	50.0	112%	64 - 151	7054859	NQE2881-01	05/25/07 14:40
Toluene	0.250	57.4		ug/L	50.0	114%	59 - 152	7054859	NQE2881-01	05/25/07 14:40
Xylenes, total	0.524	145		ug/L	150	96%	62 - 153	7054859	NQE2881-01	05/25/07 14:40
Surrogate: a,a,a-Trifluorotoluene		25.4		ug/L	30.0	85%	57 - 145	7054859	NQE2881-01	05/25/07 14:40
7055181-MS1										
Benzene	ND	61.8		ug/L	50.0	124%	61 - 153	7055181	NQE2881-09	05/26/07 11:01
Ethylbenzene	ND	57.1		ug/L	50.0	114%	64 - 151	7055181	NQE2881-09	05/26/07 11:01
Toluene	ND	59.2		ug/L	50.0	118%	59 - 152	7055181	NQE2881-09	05/26/07 11:01
Xylenes, total	0.342	149		ug/L	150	99%	62 - 153	7055181	NQE2881-09	05/26/07 11:01
Surrogate: a,a,a-Trifluorotoluene		28.0		ug/L	30.0	93%	57 - 145	7055181	NQE2881-09	05/26/07 11:01
7055322-MS1										
Benzene	ND	64.4		ug/L	100	64%	61 - 153	7055322	NQE3071-01	05/30/07 16:52
Ethylbenzene	ND	59.0	M8	ug/L	100	59%	64 - 151	7055322	NQE3071-01	05/30/07 16:52
Toluene	ND	61.0		ug/L	100	61%	59 - 152	7055322	NQE3071-01	05/30/07 16:52
Xylenes, total	ND	146	M8	ug/L	300	49%	62 - 153	7055322	NQE3071-01	05/30/07 16:52
Surrogate: a,a,a-Trifluorotoluene		27.4		ug/L	30.0	91%	57 - 145	7055322	NQE3071-01	05/30/07 16:52

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PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7054859-MSD1												
Benzene	ND	61.5		ug/L	50.0	123%	61 - 153	1	30	7054859	NQE2881-01	05/25/07 15:13
Ethylbenzene	ND	57.5		ug/L	50.0	115%	64 - 151	3	30	7054859	NQE2881-01	05/25/07 15:13
Toluene	0.250	59.0		ug/L	50.0	118%	59 - 152	3	46	7054859	NQE2881-01	05/25/07 15:13
Xylenes, total	0.524	147		ug/L	150	98%	62 - 153	1	36	7054859	NQE2881-01	05/25/07 15:13
Surrogate: a,a,a-Trifluorotoluene		25.3		ug/L	30.0	84%	57 - 145			7054859	NQE2881-01	05/25/07 15:13
7055181-MSD1												
Benzene	ND	58.3		ug/L	50.0	117%	61 - 153	6	30	7055181	NQE2881-09	05/26/07 11:34
Ethylbenzene	ND	54.1		ug/L	50.0	108%	64 - 151	5	30	7055181	NQE2881-09	05/26/07 11:34
Toluene	ND	55.2		ug/L	50.0	110%	59 - 152	7	46	7055181	NQE2881-09	05/26/07 11:34
Xylenes, total	0.342	140		ug/L	150	93%	62 - 153	6	36	7055181	NQE2881-09	05/26/07 11:34
Surrogate: a,a,a-Trifluorotoluene		27.8		ug/L	30.0	93%	57 - 145			7055181	NQE2881-09	05/26/07 11:34
7055322-MSD1												
Benzene	ND	62.2		ug/L	100	62%	61 - 153	3	30	7055322	NQE3071-01	05/30/07 17:24
Ethylbenzene	ND	57.1	M8	ug/L	100	57%	64 - 151	3	30	7055322	NQE3071-01	05/30/07 17:24
Toluene	ND	58.8		ug/L	100	59%	59 - 152	4	46	7055322	NQE3071-01	05/30/07 17:24
Xylenes, total	ND	143	M8	ug/L	300	48%	62 - 153	2	36	7055322	NQE3071-01	05/30/07 17:24
Surrogate: a,a,a-Trifluorotoluene		27.4		ug/L	30.0	91%	57 - 145			7055322	NQE3071-01	05/30/07 17:24

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE2881
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/23/07 07:50

DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT FORM



NQE2881

Cooler Received/Opened On: 5/23/07 @ 7:50

1. Tracking # 6878 (last 4 digits, FedEx)

Courier: FED EX IR Gun ID: 90942856

2. Temperature of rep. sample or temp blank when opened: -0.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) JR

7. Were custody seals on containers: YES NO and Intact

Were these signed and dated correctly? 5/23/07

YES...NO...NA 5/23/07
YES...NO...NA 5/23/07

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 10

I certify that I unloaded the cooler and answered questions 7-14 (initial) JR

15a. on pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used? YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Is residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) JR

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) JR

I certify that I attached a label with the unique LIMS number to each container (initial) JR

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

LAB: NAE2881
06/07/07 23:59



SHELL Chain Of Custody Record

- ☐ TA - Morgan Hill, California
☐ TA - Jn
☒ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ Caldecote
☐ Other

NAME OF PERSON TO BILL: Ken Springer

ENVIRONMENTAL SERVICES

NETWORK DEV / FE

COMPLIANCE

BILL CONSULTANT

RMT/CONT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)
3 0 0 1 4 3

DATE: 5-22-07

PAGE: 1 of 2

SAMPLES COMPANY: LOG CODE

H2A Environmental Ltd.

ADDRESS: 430 North Carroll Ave Suite 210 Southlake, TX 76092

PROJECT CONTACT (Thursday or FR Report to)

John Savole

TELEPHONE: 1.817.254.9466

FAX: 1.817.254.9224

E-MAIL: JS@H2AENV.COM

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RINGIER REPORT FORMAT ☐ LIST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

SITE ADDRESS: Street and City

2 miles south of Jal, NM

BOF DELIVERABLE TO (Name, Company, Office Location)

PHONE NO:

NM

E-MAIL:

CONSULTANT PROJECT NO:

John Savole, H2A Env., Jal NM

1.505.631.1836

SAMPLE NAME(S) (Print)

John Savole

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

BTEX 8021

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	TIME	MATRIX	NO. OF CONT.
--------------	-----------------------------	---------------	------	--------	--------------

MMW-01	5/21/07	827	WATER	3	X
MMW-05	5/21/07	911	WATER	3	X
MMW-11	5/21/07	940	WATER	3	X
MMW-15	5/21/07	1005	WATER	3	X
MMW-13	5/21/07	1027	WATER	3	X
MMW-18	5/21/07	1141	WATER	3	X
MMW-20	5/21/07	1158	WATER	3	X
MMW-02	5/21/07	1216	WATER	3	X
MMW-08	5/21/07	1227	WATER	3	X

Relinquished by: (Signature)

Received by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Relinquished by: (Signature)

Received by: (Signature)

Date: 5-22-07

Date:

Time: 1300

Date:

Time: 0750

COOLER RECEIPT FORM

Cooler Received/Opened On: 5/23/07 @ 7:50

Tracking # 685k (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID: 92171982

1. Temperature of rep. sample or temp blank when opened: 1.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 76

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SAME
HS
6870

May 31, 2007

5:48:34PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 05/24/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-21	NQE3071-01	05/23/07 07:57
MW-17	NQE3071-02	05/23/07 08:35
MW-16	NQE3071-03	05/23/07 09:10

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.

Other anomalies noted at sample log-in are outlined in accompanying LF-1 form (Cooler Receipt) and/or CSF-12 (Sample nonconformance/COC revision form).

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

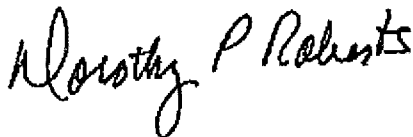
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/24/07 08:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQE3071-01 (MW-21 - Water) Sampled: 05/23/07 07:57								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 20:46	SW846 8021B	7055322
Ethylbenzene	ND	M8	ug/L	1.00	1	05/26/07 20:46	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 20:46	SW846 8021B	7055322
Xylenes, total	ND	M8	ug/L	3.00	1	05/26/07 20:46	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	88 %					05/26/07 20:46	SW846 8021B	7055322
Sample ID: NQE3071-02 (MW-17 - Water) Sampled: 05/23/07 08:35								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 21:44	SW846 8021B	7055322
Ethylbenzene	ND		ug/L	1.00	1	05/26/07 21:44	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 21:44	SW846 8021B	7055322
Xylenes, total	ND		ug/L	3.00	1	05/26/07 21:44	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	87 %					05/26/07 21:44	SW846 8021B	7055322
Sample ID: NQE3071-03 (MW-16 - Water) Sampled: 05/23/07 09:10								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	05/26/07 22:16	SW846 8021B	7055322
Ethylbenzene	ND		ug/L	1.00	1	05/26/07 22:16	SW846 8021B	7055322
Toluene	ND		ug/L	1.00	1	05/26/07 22:16	SW846 8021B	7055322
Xylenes, total	ND		ug/L	3.00	1	05/26/07 22:16	SW846 8021B	7055322
Surr: a,a,a-Trifluorotoluene (57-145%)	88 %					05/26/07 22:16	SW846 8021B	7055322

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/24/07 08:20

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7055322-BLK1						
Benzene	<0.610		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Ethylbenzene	<0.460		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Toluene	<0.600		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Xylencs, total	<0.840		ug/L	7055322	7055322-BLK1	05/26/07 13:44
Surrogate: <i>a,a,a</i> -Trifluorotoluene	87%			7055322	7055322-BLK1	05/26/07 13:44
7055322-BLK2						
Benzene	<0.610		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Ethylbenzene	<0.460		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Toluene	<0.600		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Xylencs, total	<0.840		ug/L	7055322	7055322-BLK2	05/26/07 20:14
Surrogate: <i>a,a,a</i> -Trifluorotoluene	88%			7055322	7055322-BLK2	05/26/07 20:14

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/24/07 08:20

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7055322-BS1								
Benzene	100	98.8		ug/L	99%	74 - 127	7055322	05/27/07 01:31
Ethylbenzene	100	89.8		ug/L	90%	74 - 128	7055322	05/27/07 01:31
Toluene	100	94.0		ug/L	94%	74 - 126	7055322	05/27/07 01:31
Xylenes, total	300	229		ug/L	76%	74 - 129	7055322	05/27/07 01:31
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	28.2			94%	57 - 145	7055322	05/27/07 01:31

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/24/07 08:20

PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7055322-MS1										
Benzene	ND	64.4		ug/L	100	64%	61 - 153	7055322	NQE3071-01	05/30/07 16:52
Ethylbenzene	ND	59.0	M8	ug/L	100	59%	64 - 151	7055322	NQE3071-01	05/30/07 16:52
Toluene	ND	61.0		ug/L	100	61%	59 - 152	7055322	NQE3071-01	05/30/07 16:52
Xylenes, total	ND	146	M8	ug/L	300	49%	62 - 153	7055322	NQE3071-01	05/30/07 16:52
Surrogate: <i>a,a,a</i> -Trifluorotoluene		27.4		ug/L	30.0	91%	57 - 145	7055322	NQE3071-01	05/30/07 16:52

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/24/07 08:20

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7055322-MSD1												
Benzene	ND	62.2		ug/L	100	62%	61 - 153	3	30	7055322	NQE3071-01	05/30/07 17:24
Ethylbenzene	ND	57.1	M8	ug/L	100	57%	64 - 151	3	30	7055322	NQE3071-01	05/30/07 17:24
Toluene	ND	58.8		ug/L	100	59%	59 - 152	4	46	7055322	NQE3071-01	05/30/07 17:24
Xylenes, total	ND	143	M8	ug/L	300	48%	62 - 153	2	36	7055322	NQE3071-01	05/30/07 17:24
Surrogate: a,a,a-Trifluorotoluene		27.4		ug/L	30.0	91%	57 - 145			7055322	NQE3071-01	05/30/07 17:24

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQE3071
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 05/24/07 08:20

DATA QUALIFIERS AND DEFINITIONS

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT FORM



NQE3071

Cooler Received/Opened On 5/24/07 @ 16:44

1. Tracking # 6867 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 1.0 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES NO...NA

6. Were custody papers inside cooler? YES NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [Signature]

7. Were custody seals on containers: YES NO and Intact YES NO...NA

Were these signed and dated correctly? YES NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES NO...NA

12. Did all container labels and tags agree with custody papers? YES NO...NA

13a. Were VOA vials received? YES NO...NA

b. Was there any observable headspace present in any VOA vial? YES NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) [Signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used YES NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) [Signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES NO...NA

18. Did you sign the custody papers in the appropriate place? YES NO...NA

19. Were correct containers used for the analysis requested? YES NO...NA

20. Was sufficient amount of sample sent in each container? YES NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) [Signature]

I certify that I attached a label with the unique LIMS number to each container (initial) [Signature]

21. Were there Non-Conformance Issues at login? YES NO Was a PIPE generated? YES...NO...# _____

August 30, 2007

4:06:35PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 08/23/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-18	NQH2703-01	08/20/07 08:14
MW-06	NQH2703-02	08/20/07 08:23
MW-04	NQH2703-03	08/20/07 08:50
MW-19	NQH2703-04	08/20/07 09:05
MW-22	NQH2703-05	08/20/07 09:25
MW-12	NQH2703-06	08/20/07 13:20
MW-14	NQH2703-07	08/20/07 13:55
MW-03	NQH2703-08	08/21/07 07:00
MW-02	NQH2703-09	08/21/07 07:20
MW-08	NQH2703-10	08/21/07 07:35
MW-01	NQH2703-11	08/21/07 08:15
MW-05	NQH2703-12	08/21/07 08:40
MW-11	NQH2703-13	08/21/07 09:10
MW-15	NQH2703-14	08/21/07 09:35
MW-13	NQH2703-15	08/21/07 10:05
MW-10	NQH2703-16	08/21/07 10:35

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

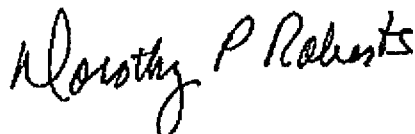
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQH2703-01 (MW-18 - Water) Sampled: 08/20/07 08:14								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	70.4		ug/L	1.00	1	08/24/07 14:56	SW846 8021B	7084648
Ethylbenzene	124		ug/L	1.00	1	08/24/07 14:56	SW846 8021B	7084648
Toluene	2.74		ug/L	1.00	1	08/24/07 14:56	SW846 8021B	7084648
Xylenes, total	9.09		ug/L	3.00	1	08/24/07 14:56	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	104 %					08/24/07 14:56	SW846 8021B	7084648
Sample ID: NQH2703-02 (MW-06 - Water) Sampled: 08/20/07 08:23								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	23.9		ug/L	1.00	1	08/24/07 15:31	SW846 8021B	7084648
Ethylbenzene	16.8		ug/L	1.00	1	08/24/07 15:31	SW846 8021B	7084648
Toluene	ND		ug/L	1.00	1	08/24/07 15:31	SW846 8021B	7084648
Xylenes, total	16.4		ug/L	3.00	1	08/24/07 15:31	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	90 %					08/24/07 15:31	SW846 8021B	7084648
Sample ID: NQH2703-03 (MW-04 - Water) Sampled: 08/20/07 08:50								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/24/07 16:05	SW846 8021B	7084648
Ethylbenzene	ND		ug/L	1.00	1	08/24/07 16:05	SW846 8021B	7084648
Toluene	ND		ug/L	1.00	1	08/24/07 16:05	SW846 8021B	7084648
Xylenes, total	ND		ug/L	3.00	1	08/24/07 16:05	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	82 %					08/24/07 16:05	SW846 8021B	7084648
Sample ID: NQH2703-04 (MW-19 - Water) Sampled: 08/20/07 09:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	7.42		ug/L	1.00	1	08/24/07 16:40	SW846 8021B	7084648
Ethylbenzene	33.2		ug/L	1.00	1	08/24/07 16:40	SW846 8021B	7084648
Toluene	ND		ug/L	1.00	1	08/24/07 16:40	SW846 8021B	7084648
Xylenes, total	26.1		ug/L	3.00	1	08/24/07 16:40	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	87 %					08/24/07 16:40	SW846 8021B	7084648
Sample ID: NQH2703-05 (MW-22 - Water) Sampled: 08/20/07 09:25								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/24/07 17:14	SW846 8021B	7084648
Ethylbenzene	ND		ug/L	1.00	1	08/24/07 17:14	SW846 8021B	7084648
Toluene	ND		ug/L	1.00	1	08/24/07 17:14	SW846 8021B	7084648
Xylenes, total	ND		ug/L	3.00	1	08/24/07 17:14	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	82 %					08/24/07 17:14	SW846 8021B	7084648
Sample ID: NQH2703-06 (MW-12 - Water) Sampled: 08/20/07 13:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/24/07 17:49	SW846 8021B	7084648
Ethylbenzene	ND		ug/L	1.00	1	08/24/07 17:49	SW846 8021B	7084648
Toluene	ND		ug/L	1.00	1	08/24/07 17:49	SW846 8021B	7084648
Xylenes, total	ND		ug/L	3.00	1	08/24/07 17:49	SW846 8021B	7084648

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
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Sample ID: NQH2703-06 (MW-12 - Water) - cont. Sampled: 08/20/07 13:20

Volatile Organic Compounds by EPA Method 8021B - cont.

Surr: a,a,a-Trifluorotoluene (46-153%)	82 %					08/24/07 17:49	SW846 8021B	7084648
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Sample ID: NQH2703-07 (MW-14 - Water) Sampled: 08/20/07 13:55

Volatile Organic Compounds by EPA Method 8021B

Benzene	2.00		ug/L	1.00	1	08/24/07 18:23	SW846 8021B	7084648
Ethylbenzene	2.20		ug/L	1.00	1	08/24/07 18:23	SW846 8021B	7084648
Toluene	ND		ug/L	1.00	1	08/24/07 18:23	SW846 8021B	7084648
Xylenes, total	ND		ug/L	3.00	1	08/24/07 18:23	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	86 %					08/24/07 18:23	SW846 8021B	7084648

Sample ID: NQH2703-08 (MW-03 - Water) Sampled: 08/21/07 07:00

Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	08/24/07 18:58	SW846 8021B	7084648
Ethylbenzene	ND		ug/L	1.00	1	08/24/07 18:58	SW846 8021B	7084648
Benzene	ND		ug/L	1.00	1	08/24/07 18:58	SW846 8021B	7084648
Xylenes, total	ND		ug/L	3.00	1	08/24/07 18:58	SW846 8021B	7084648
Surr: a,a,a-Trifluorotoluene (46-153%)	82 %					08/24/07 18:58	SW846 8021B	7084648

Sample ID: NQH2703-09RE1 (MW-02 - Water) Sampled: 08/21/07 07:20

Volatile Organic Compounds by EPA Method 8021B

Benzene	4.56		ug/L	1.00	1	08/27/07 11:17	SW846 8021B	7084977
Ethylbenzene	18.3		ug/L	1.00	1	08/27/07 11:17	SW846 8021B	7084977
Toluene	ND		ug/L	1.00	1	08/27/07 11:17	SW846 8021B	7084977
Xylenes, total	9.04		ug/L	3.00	1	08/27/07 11:17	SW846 8021B	7084977
Surr: a,a,a-Trifluorotoluene (46-153%)	85 %					08/27/07 11:17	SW846 8021B	7084977

Sample ID: NQH2703-10 (MW-08 - Water) Sampled: 08/21/07 07:35

Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	08/25/07 02:44	SW846 8021B	7084726
Ethylbenzene	ND		ug/L	1.00	1	08/25/07 02:44	SW846 8021B	7084726
Toluene	ND		ug/L	1.00	1	08/25/07 02:44	SW846 8021B	7084726
Xylenes, total	ND		ug/L	3.00	1	08/25/07 02:44	SW846 8021B	7084726
Surr: a,a,a-Trifluorotoluene (46-153%)	93 %					08/25/07 02:44	SW846 8021B	7084726

Sample ID: NQH2703-11 (MW-01 - Water) Sampled: 08/21/07 08:15

Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	08/25/07 03:08	SW846 8021B	7084726
Ethylbenzene	ND		ug/L	1.00	1	08/25/07 03:08	SW846 8021B	7084726
Toluene	ND		ug/L	1.00	1	08/25/07 03:08	SW846 8021B	7084726
Xylenes, total	ND		ug/L	3.00	1	08/25/07 03:08	SW846 8021B	7084726
Surr: a,a,a-Trifluorotoluene (46-153%)	95 %					08/25/07 03:08	SW846 8021B	7084726

Sample ID: NQH2703-12 (MW-05 - Water) Sampled: 08/21/07 08:40

Volatile Organic Compounds by EPA Method 8021B

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQH2703-12 (MW-05 - Water) - cont. Sampled: 08/21/07 08:40								
Volatile Organic Compounds by EPA Method 8021B - cont.								
Benzene	ND		ug/L	1.00	1	08/25/07 03:32	SW846 8021B	7084726
Ethylbenzene	ND		ug/L	1.00	1	08/25/07 03:32	SW846 8021B	7084726
Toluene	ND		ug/L	1.00	1	08/25/07 03:32	SW846 8021B	7084726
Xylenes, total	ND		ug/L	3.00	1	08/25/07 03:32	SW846 8021B	7084726
Surr: a,a,a-Trifluorotoluene (46-153%)	96 %					08/25/07 03:32	SW846 8021B	7084726
Sample ID: NQH2703-13 (MW-11 - Water) Sampled: 08/21/07 09:10								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/25/07 03:56	SW846 8021B	7084726
Ethylbenzene	ND		ug/L	1.00	1	08/25/07 03:56	SW846 8021B	7084726
Toluene	ND		ug/L	1.00	1	08/25/07 03:56	SW846 8021B	7084726
Xylenes, total	ND		ug/L	3.00	1	08/25/07 03:56	SW846 8021B	7084726
Surr: a,a,a-Trifluorotoluene (46-153%)	95 %					08/25/07 03:56	SW846 8021B	7084726
Sample ID: NQH2703-14 (MW-15 - Water) Sampled: 08/21/07 09:35								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/25/07 04:20	SW846 8021B	7084726
Ethylbenzene	ND		ug/L	1.00	1	08/25/07 04:20	SW846 8021B	7084726
Toluene	ND		ug/L	1.00	1	08/25/07 04:20	SW846 8021B	7084726
Xylenes, total	ND		ug/L	3.00	1	08/25/07 04:20	SW846 8021B	7084726
Surr: a,a,a-Trifluorotoluene (46-153%)	95 %					08/25/07 04:20	SW846 8021B	7084726
Sample ID: NQH2703-15 (MW-13 - Water) Sampled: 08/21/07 10:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/25/07 04:44	SW846 8021B	7084726
Ethylbenzene	ND		ug/L	1.00	1	08/25/07 04:44	SW846 8021B	7084726
Toluene	ND		ug/L	1.00	1	08/25/07 04:44	SW846 8021B	7084726
Xylenes, total	ND		ug/L	3.00	1	08/25/07 04:44	SW846 8021B	7084726
Surr: a,a,a-Trifluorotoluene (46-153%)	95 %					08/25/07 04:44	SW846 8021B	7084726
Sample ID: NQH2703-16 (MW-10 - Water) Sampled: 08/21/07 10:35								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	08/27/07 17:45	SW846 8021B	7085052
Ethylbenzene	ND		ug/L	1.00	1	08/27/07 17:45	SW846 8021B	7085052
Toluene	ND		ug/L	1.00	1	08/27/07 17:45	SW846 8021B	7085052
Xylenes, total	ND		ug/L	3.00	1	08/27/07 17:45	SW846 8021B	7085052
Surr: a,a,a-Trifluorotoluene (46-153%)	96 %					08/27/07 17:45	SW846 8021B	7085052

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7084648-BLK1						
Benzene	<0.610		ug/L	7084648	7084648-BLK1	08/24/07 10:48
Ethylbenzene	<0.460		ug/L	7084648	7084648-BLK1	08/24/07 10:48
Toluene	<0.600		ug/L	7084648	7084648-BLK1	08/24/07 10:48
Xylenes, total	<0.840		ug/L	7084648	7084648-BLK1	08/24/07 10:48
Surrogate: a,a,a-Trifluorotoluene	87%			7084648	7084648-BLK1	08/24/07 10:48
7084648-BLK2						
Benzene	<0.610		ug/L	7084648	7084648-BLK2	08/24/07 20:06
Ethylbenzene	<0.460		ug/L	7084648	7084648-BLK2	08/24/07 20:06
Toluene	<0.600		ug/L	7084648	7084648-BLK2	08/24/07 20:06
Xylenes, total	<0.840		ug/L	7084648	7084648-BLK2	08/24/07 20:06
Surrogate: a,a,a-Trifluorotoluene	84%			7084648	7084648-BLK2	08/24/07 20:06
7084726-BLK1						
Benzene	<0.610		ug/L	7084726	7084726-BLK1	08/25/07 01:07
Ethylbenzene	<0.460		ug/L	7084726	7084726-BLK1	08/25/07 01:07
Toluene	<0.600		ug/L	7084726	7084726-BLK1	08/25/07 01:07
Xylenes, total	<0.840		ug/L	7084726	7084726-BLK1	08/25/07 01:07
Surrogate: a,a,a-Trifluorotoluene	93%			7084726	7084726-BLK1	08/25/07 01:07
7084977-BLK1						
Benzene	<0.610		ug/L	7084977	7084977-BLK1	08/27/07 08:11
Ethylbenzene	<0.460		ug/L	7084977	7084977-BLK1	08/27/07 08:11
Toluene	<0.600		ug/L	7084977	7084977-BLK1	08/27/07 08:11
Xylenes, total	<0.840		ug/L	7084977	7084977-BLK1	08/27/07 08:11
Surrogate: a,a,a-Trifluorotoluene	94%			7084977	7084977-BLK1	08/27/07 08:11
7085052-BLK1						
Benzene	0.525		ug/L	7085052	7085052-BLK1	08/27/07 11:43
Ethylbenzene	0.731		ug/L	7085052	7085052-BLK1	08/27/07 11:43
Toluene	<0.540		ug/L	7085052	7085052-BLK1	08/27/07 11:43
Xylenes, total	1.26		ug/L	7085052	7085052-BLK1	08/27/07 11:43
Surrogate: a,a,a-Trifluorotoluene	102%			7085052	7085052-BLK1	08/27/07 11:43
7085052-BLK2						
Benzene	<0.440		ug/L	7085052	7085052-BLK2	08/27/07 20:57
Ethylbenzene	<0.410		ug/L	7085052	7085052-BLK2	08/27/07 20:57
Toluene	<0.540		ug/L	7085052	7085052-BLK2	08/27/07 20:57
Xylenes, total	<0.840		ug/L	7085052	7085052-BLK2	08/27/07 20:57
Surrogate: a,a,a-Trifluorotoluene	102%			7085052	7085052-BLK2	08/27/07 20:57

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7084648-BS1								
Benzene	100	106		ug/L	106%	74 - 127	7084648	08/25/07 02:25
Ethylbenzene	100	105		ug/L	105%	74 - 128	7084648	08/25/07 02:25
Toluene	100	106		ug/L	106%	74 - 126	7084648	08/25/07 02:25
Xylenes, total	200	211		ug/L	106%	74 - 129	7084648	08/25/07 02:25
Surrogate: a,a,a-Trifluorotoluene	30.0	27.8			93%	46 - 153	7084648	08/25/07 02:25
7084726-BS1								
Benzene	100	91.8		ug/L	92%	74 - 127	7084726	08/25/07 05:32
Ethylbenzene	100	93.3		ug/L	93%	74 - 128	7084726	08/25/07 05:32
Toluene	100	86.6		ug/L	87%	74 - 126	7084726	08/25/07 05:32
Xylenes, total	200	182		ug/L	91%	74 - 129	7084726	08/25/07 05:32
Surrogate: a,a,a-Trifluorotoluene	30.0	29.5			98%	46 - 153	7084726	08/25/07 05:32
7084977-BS1								
Benzene	100	93.4		ug/L	93%	74 - 127	7084977	08/27/07 12:05
Ethylbenzene	100	97.6		ug/L	98%	74 - 128	7084977	08/27/07 12:05
Toluene	100	90.5		ug/L	90%	74 - 126	7084977	08/27/07 12:05
Xylenes, total	200	192		ug/L	96%	74 - 129	7084977	08/27/07 12:05
Surrogate: a,a,a-Trifluorotoluene	30.0	30.1			100%	46 - 153	7084977	08/27/07 12:05
7085052-BS1								
Benzene	100	95.6		ug/L	96%	77 - 122	7085052	08/28/07 02:48
Ethylbenzene	100	99.1		ug/L	99%	77 - 121	7085052	08/28/07 02:48
Toluene	100	93.9		ug/L	94%	74 - 121	7085052	08/28/07 02:48
Xylenes, total	200	196		ug/L	98%	74 - 121	7085052	08/28/07 02:48
Surrogate: a,a,a-Trifluorotoluene	30.0	30.1			100%	63 - 134	7085052	08/28/07 02:48

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7085052-BSD1												
Benzene		97.9		ug/L	100	98%	77 - 122	2	30	7085052		08/28/07 03:20
Ethylbenzene		102		ug/L	100	102%	77 - 121	3	30	7085052		08/28/07 03:20
Toluene		96.1		ug/L	100	96%	74 - 121	2	33	7085052		08/28/07 03:20
Xylenes, total		201		ug/L	200	101%	74 - 121	3	35	7085052		08/28/07 03:20
Surrogate: <i>a,a,a</i> -Trifluorotoluene		31.1		ug/L	30.0	104%	63 - 134			7085052		08/28/07 03:20

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
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Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
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Received: 08/23/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7084648-MS1										
Benzene	ND	59.1		ug/L	50.0	118%	61 - 153	7084648	NQH2703-05	08/28/07 04:16
Ethylbenzene	ND	58.7		ug/L	50.0	117%	64 - 151	7084648	NQH2703-05	08/28/07 04:16
Toluene	ND	60.3		ug/L	50.0	121%	59 - 152	7084648	NQH2703-05	08/28/07 04:16
Xylenes, total	0.0110	121		ug/L	100	121%	62 - 153	7084648	NQH2703-05	08/28/07 04:16
Surrogate: a,a,a-Trifluorotoluene		26.3		ug/L	30.0	88%	46 - 153	7084648	NQH2703-05	08/28/07 04:16
7084726-MS1										
Benzene	ND	62.4		ug/L	50.0	125%	61 - 153	7084726	NQH2703-11	08/27/07 09:40
Ethylbenzene	ND	63.8		ug/L	50.0	128%	64 - 151	7084726	NQH2703-11	08/27/07 09:40
Toluene	ND	59.2		ug/L	50.0	118%	59 - 152	7084726	NQH2703-11	08/27/07 09:40
Xylenes, total	0.0910	125		ug/L	100	125%	62 - 153	7084726	NQH2703-11	08/27/07 09:40
Surrogate: a,a,a-Trifluorotoluene		29.0		ug/L	30.0	97%	46 - 153	7084726	NQH2703-11	08/27/07 09:40
7085052-MS1										
Benzene	0.153	53.6		ug/L	50.0	107%	61 - 153	7085052	NQH2607-04	08/28/07 11:34
Ethylbenzene	0.175	56.7		ug/L	50.0	113%	64 - 151	7085052	NQH2607-04	08/28/07 11:34
Toluene	0.321	53.5		ug/L	50.0	106%	59 - 152	7085052	NQH2607-04	08/28/07 11:34
Xylenes, total	0.340	111		ug/L	100	111%	62 - 153	7085052	NQH2607-04	08/28/07 11:34
Surrogate: a,a,a-Trifluorotoluene		29.5		ug/L	30.0	98%	46 - 153	7085052	NQH2607-04	08/28/07 11:34

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B												
7084648-MSD1												
Benzene	ND	60.8		ug/L	50.0	122%	61 - 153	3	30	7084648	NQH2703-05	08/28/07 04:51
Ethylbenzene	ND	60.4		ug/L	50.0	121%	64 - 151	3	30	7084648	NQH2703-05	08/28/07 04:51
Toluene	ND	62.0		ug/L	50.0	124%	59 - 152	3	46	7084648	NQH2703-05	08/28/07 04:51
Xylenes, total	0.0110	124		ug/L	100	124%	62 - 153	2	36	7084648	NQH2703-05	08/28/07 04:51
Surrogate: <i>a,a,a</i> -Trifluorotoluene		25.9		ug/L	30.0	86%	46 - 153			7084648	NQH2703-05	08/28/07 04:51
7084726-MSD1												
Benzene	ND	65.8		ug/L	50.0	132%	61 - 153	5	30	7084726	NQH2703-11	08/27/07 10:04
Ethylbenzene	ND	67.3		ug/L	50.0	135%	64 - 151	5	30	7084726	NQH2703-11	08/27/07 10:04
Toluene	ND	62.2		ug/L	50.0	124%	59 - 152	5	46	7084726	NQH2703-11	08/27/07 10:04
Xylenes, total	0.0910	132		ug/L	100	132%	62 - 153	6	36	7084726	NQH2703-11	08/27/07 10:04
Surrogate: <i>a,a,a</i> -Trifluorotoluene		29.3		ug/L	30.0	98%	46 - 153			7084726	NQH2703-11	08/27/07 10:04
7085052-MSD1												
Benzene	0.153	59.2		ug/L	50.0	118%	61 - 153	10	30	7085052	NQH2607-04	08/28/07 12:50
Ethylbenzene	0.175	63.7		ug/L	50.0	127%	64 - 151	12	30	7085052	NQH2607-04	08/28/07 12:50
Toluene	0.321	59.2		ug/L	50.0	118%	59 - 152	10	46	7085052	NQH2607-04	08/28/07 12:50
Xylenes, total	0.340	125		ug/L	100	125%	62 - 153	11	36	7085052	NQH2607-04	08/28/07 12:50
Surrogate: <i>a,a,a</i> -Trifluorotoluene		29.9		ug/L	30.0	100%	46 - 153			7085052	NQH2607-04	08/28/07 12:50

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQH2703
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 08/23/07 08:00

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

COOLER RECEIPT FORM



Cooler Received/Opened On 8-23-07 8:00

NQH2703

1. Tracking # 4625 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID 101507

2. Temperature of rep. sample or temp blank when opened: 3.3 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) W.S.

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) W.S.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) W.S.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) W.S.

I certify that I attached a label with the unique LIMS number to each container (initial) W.S.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

LAB:

- ☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee

NQH2703
09/07/07 23:59

H2A Environmental Ltd.

1882 Keller Parkway Keller Texas 76248

PROJECT CONTACT (Hardcopy or PDF Report to):

John Savole

1.682.593.0220

FAX: 1.682.593.0860

E-MAIL:

TELEPHONE: 1.682.593.0220
TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☐ RESULTS NEEDED
☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ON WEEKEND

☐ LA - RWQCS REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

- ☐ EDD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED



SHELL Chain of Custody Record

NAME OF PERSON TO BILL: Ken Springer

☐ CHECK BOX TO VERIFY IF NO INCIDENT * APPLIES

INCIDENT # (ES ONLY)

3 0 0 1 4 3

DATE: 8-21-07
PAGE: 1 of 2

SAP or CRMT #

PO#

☐ ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE
☐ BILL CONSULTANT
☐ RMT/CRMT

LOG CODE:

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDP DELIVERABLE TO (Name, Company, Order Location)

PHONE NO.:

SAVILE NAME(S) (Print)

John Savole, H2A Env., Jal NM

1.505.631.1836

NIM

E-MAIL:

CONSULTANT PROJECT NO.:

LAB USE ONLY

106.001

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

3.3

TEMPERATURE ON RECEIPT C°

BTEx 8021

LAB	FIELD Sample Identification	SAMPLING		MATRIX	NO. OF CONT.
		DATE	TIME		

MMW-18		8/20/07	814	WATER	3
MMW-06		8/20/07	823	WATER	3
MMW-04		8/20/07	850	WATER	3
MMW-19		8/20/07	905	WATER	3
MMW-22		8/20/07	925	WATER	3
MMW-12		8/20/07	1320	WATER	3
MMW-14		8/20/07	1355	WATER	3
MMW-03		8/21/07	700	WATER	3
MMW-02		8/21/07	720	WATER	3
MMW-08		8/21/07	735	WATER	3

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Date: 8-22-07

Date:

Date:

Time: 1200

Time:

Time:

06/02/06 Revision

September 24, 2007 2:29:14PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQI1050
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 09/11/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-21	NQI1050-01	09/07/07 10:15
MW-17	NQI1050-02	09/07/07 10:40
MW-16	NQI1050-03	09/07/07 11:20
MW-23	NQI1050-04	09/07/07 08:20
MW-24	NQI1050-05	09/07/07 08:45

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI1050
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQI1050-01 (MW-21 - Water) Sampled: 09/07/07 10:15								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	09/19/07 21:49	SW846 8021B	7093482
Ethylbenzene	ND		ug/L	1.00	1	09/19/07 21:49	SW846 8021B	7093482
Toluene	ND		ug/L	1.00	1	09/19/07 21:49	SW846 8021B	7093482
Xylenes, total	ND		ug/L	3.00	1	09/19/07 21:49	SW846 8021B	7093482
Surr: a,a,a-Trifluorotoluene (46-150%)	95 %					09/19/07 21:49	SW846 8021B	7093482
Sample ID: NQI1050-02 (MW-17 - Water) Sampled: 09/07/07 10:40								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	09/19/07 22:21	SW846 8021B	7093482
Ethylbenzene	ND		ug/L	1.00	1	09/19/07 22:21	SW846 8021B	7093482
Toluene	ND		ug/L	1.00	1	09/19/07 22:21	SW846 8021B	7093482
Xylenes, total	ND		ug/L	3.00	1	09/19/07 22:21	SW846 8021B	7093482
Surr: a,a,a-Trifluorotoluene (46-150%)	94 %					09/19/07 22:21	SW846 8021B	7093482
Sample ID: NQI1050-03 (MW-16 - Water) Sampled: 09/07/07 11:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	09/19/07 22:53	SW846 8021B	7093482
Ethylbenzene	ND		ug/L	1.00	1	09/19/07 22:53	SW846 8021B	7093482
Toluene	ND		ug/L	1.00	1	09/19/07 22:53	SW846 8021B	7093482
Xylenes, total	ND		ug/L	3.00	1	09/19/07 22:53	SW846 8021B	7093482
Surr: a,a,a-Trifluorotoluene (46-150%)	90 %					09/19/07 22:53	SW846 8021B	7093482
Sample ID: NQI1050-04 (MW-23 - Water) Sampled: 09/07/07 08:20								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	1.96		ug/L	1.00	1	09/19/07 23:25	SW846 8021B	7093482
Ethylbenzene	ND		ug/L	1.00	1	09/19/07 23:25	SW846 8021B	7093482
Toluene	ND		ug/L	1.00	1	09/19/07 23:25	SW846 8021B	7093482
Xylenes, total	ND		ug/L	3.00	1	09/19/07 23:25	SW846 8021B	7093482
Surr: a,a,a-Trifluorotoluene (46-150%)	93 %					09/19/07 23:25	SW846 8021B	7093482
Sample ID: NQI1050-05 (MW-24 - Water) Sampled: 09/07/07 08:45								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	30.3		ug/L	1.00	1	09/19/07 23:57	SW846 8021B	7093482
Ethylbenzene	34.9		ug/L	1.00	1	09/19/07 23:57	SW846 8021B	7093482
Toluene	ND		ug/L	1.00	1	09/19/07 23:57	SW846 8021B	7093482
Xylenes, total	17.9		ug/L	3.00	1	09/20/07 15:23	SW846 8021B	7094005
Surr: a,a,a-Trifluorotoluene (46-150%)	95 %					09/19/07 23:57	SW846 8021B	7093482
Surr: a,a,a-Trifluorotoluene (46-150%)	92 %					09/20/07 15:23	SW846 8021B	7094005

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI1050
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7093482-BLK1						
Benzene	<0.610	B	ug/L	7093482	7093482-BLK1	09/19/07 21:17
Ethylbenzene	0.688		ug/L	7093482	7093482-BLK1	09/19/07 21:17
Toluene	<0.600		ug/L	7093482	7093482-BLK1	09/19/07 21:17
Xylenes, total	3.89		ug/L	7093482	7093482-BLK1	09/19/07 21:17
Surrogate: a,a,a-Trifluorotoluene	99%		7093482	7093482-BLK1	09/19/07 21:17	
7093482-BLK2						
Benzene	<0.610		ug/L	7093482	7093482-BLK2	09/20/07 03:43
Ethylbenzene	<0.460		ug/L	7093482	7093482-BLK2	09/20/07 03:43
Toluene	<0.600		ug/L	7093482	7093482-BLK2	09/20/07 03:43
Xylenes, total	<0.840		ug/L	7093482	7093482-BLK2	09/20/07 03:43
Surrogate: a,a,a-Trifluorotoluene	89%			7093482	7093482-BLK2	09/20/07 03:43
7094005-BLK1						
Benzene	<0.610		ug/L	7094005	7094005-BLK1	09/20/07 14:40
Ethylbenzene	<0.460		ug/L	7094005	7094005-BLK1	09/20/07 14:40
Toluene	<0.600		ug/L	7094005	7094005-BLK1	09/20/07 14:40
Xylenes, total	<0.840		ug/L	7094005	7094005-BLK1	09/20/07 14:40
Surrogate: a,a,a-Trifluorotoluene	90%			7094005	7094005-BLK1	09/20/07 14:40

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI1050
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B								
7093482-BS1								
Benzene	100	89.9		ug/L	90%	74 - 120	7093482	09/20/07 11:19
Ethylbenzene	100	96.1		ug/L	96%	73 - 120	7093482	09/20/07 11:19
Toluene	100	89.7		ug/L	90%	74 - 120	7093482	09/20/07 11:19
Xylenes, total	200	189	B	ug/L	95%	67 - 120	7093482	09/20/07 11:19
Surrogate: a,a,a-Trifluorotoluene	30.0	28.3			94%	46 - 150	7093482	09/20/07 11:19
7094005-BS1								
Benzene	100	89.9		ug/L	90%	74 - 120	7094005	09/20/07 11:19
Ethylbenzene	100	96.1		ug/L	96%	73 - 120	7094005	09/20/07 11:19
Toluene	100	89.7		ug/L	90%	74 - 120	7094005	09/20/07 11:19
Xylenes, total	200	189		ug/L	95%	67 - 120	7094005	09/20/07 11:19
Surrogate: a,a,a-Trifluorotoluene	30.0	28.3			94%	46 - 150	7094005	09/20/07 11:19

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQ11050
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8021B										
7093482-MS1										
Benzene	0.247	56.9		ug/L	50.0	113%	48 - 158	7093482	NQ11383-04	09/20/07 13:36
Ethylbenzene	0.518	58.6		ug/L	50.0	116%	52 - 151	7093482	NQ11383-04	09/20/07 13:36
Toluene	0.405	54.5		ug/L	50.0	108%	53 - 147	7093482	NQ11383-04	09/20/07 13:36
Xylenes, total	2.74	116	B	ug/L	100	114%	52 - 143	7093482	NQ11383-04	09/20/07 13:36
Surrogate: a,a,a-Trifluorotoluene		27.6		ug/L	30.0	92%	46 - 150	7093482	NQ11383-04	09/20/07 13:36
7094005-MS1										
Benzene	0.0640	57.3		ug/L	50.0	115%	48 - 158	7094005	NQ11202-05	09/21/07 07:55
Ethylbenzene	ND	50.3		ug/L	50.0	101%	52 - 151	7094005	NQ11202-05	09/21/07 07:55
Toluene	0.0390	108	M7	ug/L	50.0	216%	53 - 147	7094005	NQ11202-05	09/21/07 07:55
Xylenes, total	0.0280	105		ug/L	100	105%	52 - 143	7094005	NQ11202-05	09/21/07 07:55
Surrogate: a,a,a-Trifluorotoluene		26.9		ug/L	30.0	90%	46 - 150	7094005	NQ11202-05	09/21/07 07:55

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQ11050
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7093482-MSD1												
Benzene	0.247	53.4		ug/L	50.0	106%	48 - 158	6	39	7093482	NQ11383-04	09/20/07 14:08
Ethylbenzene	0.518	54.5		ug/L	50.0	108%	52 - 151	7	37	7093482	NQ11383-04	09/20/07 14:08
Toluene	0.405	99.5	M8, R2	ug/L	50.0	198%	53 - 147	58	30	7093482	NQ11383-04	09/20/07 14:08
Xylenes, total	2.74	108	B	ug/L	100	105%	52 - 143	8	38	7093482	NQ11383-04	09/20/07 14:08
Surrogate: a,a,a-Trifluorotoluene		27.7		ug/L	30.0	92%	46 - 150			7093482	NQ11383-04	09/20/07 14:08
7094005-MSD1												
Benzene	0.0640	50.7		ug/L	50.0	101%	48 - 158	12	39	7094005	NQ11202-05	09/21/07 08:27
Ethylbenzene	ND	51.4		ug/L	50.0	103%	52 - 151	2	37	7094005	NQ11202-05	09/21/07 08:27
Toluene	0.0390	61.8	R2	ug/L	50.0	123%	53 - 147	54	30	7094005	NQ11202-05	09/21/07 08:27
Xylenes, total	0.0280	93.2		ug/L	100	93%	52 - 143	12	38	7094005	NQ11202-05	09/21/07 08:27
Surrogate: a,a,a-Trifluorotoluene		26.5		ug/L	30.0	88%	46 - 150			7094005	NQ11202-05	09/21/07 08:27

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQI1050
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 09/11/07 07:50

DATA QUALIFIERS AND DEFINITIONS

B Analyte was detected in the associated Method Blank.
M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2 The RPD exceeded the acceptance limit.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



COOLER RECEIPT

NQ11050

Cooler Received/Opened On: 9/11/07 @ 0750

1. Tracking # 8311 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 90942856

2. Temperature of rep. sample or temp blank when opened: 0.3 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) JL

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) JK

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) JK

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) JK

I certify that I attached a label with the unique LIMS number to each container (initial) JK

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____



SHELL Chain of Custody Record

LAB:
☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California

NO11050
09/25/07 23:59

NAME OF PERSON TO BILL: Ken Springer

INSTRUMENTAL SERVICES
☐ WORK DEV / FE
☐ BILL CONSULTANT
☐ COMPLIANCE
☐ RMT/CRMT

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

3 0 0 1 4 3

SAP or CRMT #

DATE: 9-9-07

PAGE: 1 of 1

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS:

1862 Keller Parkway Keller Texas 76246

PROJECT CONTACT (Photocopy or PDF Report to)

John Savole

TELEPHONE:

1.682.593.0220

FAX:

1.682.593.0660

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):
☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS
☐ RESULTS NEEDED ON WEEKEND

☐ LA - RMOC REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

☐ EOD NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

SITE ADDRESS: Street and City

2 miles south of Jal, NM

EDF DELIVERABLE TO (Name, Company, Office Location):

John Savole, H2A Env., Jal NM

PHONE NO:

1.505.631.1836

E-MAIL:

State

NM

GLOBAL ID NO:

CONSULTANT PROJECT NO:

106.001

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

TEMPERATURE ON RECEIPT C°

LAB USE ONLY
Field Sample Identification

BTEx 8021

03

LAB USE ONLY	DATE	TIME	MATRIX	NO. OF CONT.	SAMPLING	
					DATE	TIME
	9/7/07	1015	WATER	3		
	9/7/07	1040	WATER	3		
	9/7/07	1120	WATER	3		
	9/8/07	820	WATER	3		
	9/8/07	845	WATER	3		

Requisitioned by: (Signature)
Relinquished by: (Signature)
Received by: (Signature)
Received by: (Signature)
Date: 9-10-07
Time: 1200
Date: 9/11/07
Time: 750

November 16, 2007 2:50:51PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 11/06/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-21	NQK0552-01	11/03/07 12:30
MW-17	NQK0552-02	11/03/07 13:23
MW-16	NQK0552-03	11/03/07 14:05
MW-01	NQK0552-04	11/03/07 15:20
MW-05	NQK0552-05	11/03/07 15:51
MW-11	NQK0552-06	11/03/07 16:23
MW-15	NQK0552-07	11/04/07 13:25
MW-13	NQK0552-08	11/04/07 14:00
MW-18	NQK0552-09	11/04/07 14:17
MW-06	NQK0552-10	11/04/07 14:38
MW-19	NQK0552-11	11/04/07 15:00
MW-03	NQK0552-12	11/04/07 15:18
MW-04	NQK0552-13	11/04/07 09:30
MW-02	NQK0552-14	11/05/07 08:37
MW-08	NQK0552-15	11/05/07 09:00
TRIP BLANK	NQK0552-16	11/05/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.

Other anomalies noted at sample log-in are outlined in accompanying LF-1 form (Cooler Receipt) and/or CSF-12 (Sample nonconformance/COC revision form).

For the metals analysis on sample MW-15 (NQK0552-07) the container was received at a later date.

The Chain(s) of Custody, 8 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-01 (MW-21 - Water) Sampled: 11/03/07 12:30								
Dissolved Metals by EPA Method 6010B								
Arsenic	ND		mg/L	0.0100	1	11/07/07 14:22	SW846 6010B	7111141
Barium	0.0456		mg/L	0.0100	1	11/07/07 14:22	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 14:22	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 14:22	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 14:22	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 14:22	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 14:22	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:08	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 04:29	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 04:29	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 04:29	SW846 8021B	7111227
Aromatics, total	ND		ug/L	3.00	1	11/08/07 04:29	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	106 %					11/08/07 04:29	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 17:13	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 17:13	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 17:13	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 17:13	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 17:13	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	98 %					11/09/07 17:13	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	99 %					11/09/07 17:13	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	98 %					11/09/07 17:13	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/09/07 17:13	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Anthracene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Chrysene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Fluorene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081
Pyrene	ND		ug/L	2.16	1	11/08/07 19:04	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
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Sample ID: NQK0552-01 (MW-21 - Water) - cont. Sampled: 11/03/07 12:30

Polyaromatic Hydrocarbons by EPA 8270C - cont.

Surr: Terphenyl-d14 (21-123%)	64 %					11/08/07 19:04	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	76 %					11/08/07 19:04	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	75 %					11/08/07 19:04	SW846 8270C	7111081

Sample ID: NQK0552-02 (MW-17 - Water) Sampled: 11/03/07 13:23

Dissolved Metals by EPA Method 6010B

Arsenic	ND		mg/L	0.0100	1	11/07/07 14:34	SW846 6010B	7111141
Barium	0.0498		mg/L	0.0100	1	11/07/07 14:34	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 14:34	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 14:34	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 14:34	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 14:34	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 14:34	SW846 6010B	7111141

Dissolved Mercury by EPA Methods 7470A/7471A

Mercury	ND		mg/L	0.000200	1	11/09/07 11:14	SW846 7470A	711134
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Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	11/08/07 04:54	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 04:54	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 04:54	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 04:54	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	107 %					11/08/07 04:54	SW846 8021B	7111227

Volatile Organic Compounds by EPA Method 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 17:38	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 17:38	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 17:38	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 17:38	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 17:38	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 17:38	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	100 %					11/09/07 17:38	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	97 %					11/09/07 17:38	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	96 %					11/09/07 17:38	SW846 8260B	7111486

Polyaromatic Hydrocarbons by EPA 8270C

Acenaphthene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Anthracene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Chrysene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-02 (MW-17 - Water) - cont. Sampled: 11/03/07 13:23								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Fluoranthene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Fluorene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Pyrene	ND		ug/L	2.22	1	11/08/07 19:24	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	52 %					11/08/07 19:24	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	60 %					11/08/07 19:24	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	58 %					11/08/07 19:24	SW846 8270C	7111081
Sample ID: NQK0552-03 (MW-16 - Water) Sampled: 11/03/07 14:05								
Dissolved Metals by EPA Method 6010B								
Arsenic	ND		mg/L	0.0100	1	11/07/07 14:39	SW846 6010B	7111141
Barium	0.0305		mg/L	0.0100	1	11/07/07 14:39	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 14:39	SW846 6010B	7111141
Cromium	ND		mg/L	0.00500	1	11/07/07 14:39	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 14:39	SW846 6010B	7111141
Selenium	0.0382		mg/L	0.0100	1	11/07/07 14:39	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 14:39	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:21	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 05:18	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 05:18	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 05:18	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 05:18	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	106 %					11/08/07 05:18	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/10/07 20:54	SW846 8260B	7111864
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/07 20:54	SW846 8260B	7111864
Diisopropyl Ether	ND		ug/L	1.00	1	11/10/07 20:54	SW846 8260B	7111864
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/07 20:54	SW846 8260B	7111864
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/10/07 20:54	SW846 8260B	7111864
Surr: 1,2-Dichloroethane-d4 (60-140%)	101 %					11/10/07 20:54	SW846 8260B	7111864
Surr: Dibromofluoromethane (75-124%)	102 %					11/10/07 20:54	SW846 8260B	7111864
Surr: Toluene-d8 (78-121%)	96 %					11/10/07 20:54	SW846 8260B	7111864
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/10/07 20:54	SW846 8260B	7111864
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Anthracene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-03 (MW-16 - Water) - cont. Sampled: 11/03/07 14:05								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Benzo (a) pyrene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Chrysene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Fluorene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Pyrene	ND		ug/L	2.20	1	11/08/07 19:45	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	84 %					11/08/07 19:45	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	88 %					11/08/07 19:45	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	86 %					11/08/07 19:45	SW846 8270C	7111081

Sample ID: NQK0552-04 (MW-01 - Water) Sampled: 11/03/07 15:20

Dissolved Metals by EPA Method 6010B

Arsenic	ND		mg/L	0.0100	1	11/07/07 14:43	SW846 6010B	7111141
Barium	0.0277		mg/L	0.0100	1	11/07/07 14:43	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 14:43	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 14:43	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 14:43	SW846 6010B	7111141
Selenium	0.0202		mg/L	0.0100	1	11/07/07 14:43	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 14:43	SW846 6010B	7111141

Dissolved Mercury by EPA Methods 7470A/7471A

Mercury	ND		mg/L	0.000200	1	11/09/07 11:23	SW846 7470A	7111343
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Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	11/08/07 05:42	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 05:42	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 05:42	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 05:42	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	108 %					11/08/07 05:42	SW846 8021B	7111227

Volatile Organic Compounds by EPA Method 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/10/07 21:20	SW846 8260B	7111864
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/07 21:20	SW846 8260B	7111864
Diisopropyl Ether	ND		ug/L	1.00	1	11/10/07 21:20	SW846 8260B	7111864
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/07 21:20	SW846 8260B	7111864
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/10/07 21:20	SW846 8260B	7111864
Surr: 1,2-Dichloroethane-d4 (60-140%)	99 %					11/10/07 21:20	SW846 8260B	7111864
Surr: Dibromofluoromethane (75-124%)	100 %					11/10/07 21:20	SW846 8260B	7111864
Surr: Toluene-d8 (78-121%)	97 %					11/10/07 21:20	SW846 8260B	7111864
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/10/07 21:20	SW846 8260B	7111864

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-04 (MW-01 - Water) - cont. Sampled: 11/03/07 15:20								
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Anthracene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Chrysene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Fluorene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Pyrene	ND		ug/L	2.15	1	11/08/07 20:05	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	60 %					11/08/07 20:05	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	58 %					11/08/07 20:05	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	51 %					11/08/07 20:05	SW846 8270C	7111081

Sample ID: NQK0552-05 (MW-05 - Water) Sampled: 11/03/07 15:51

Dissolved Metals by EPA Method 6010B

Arsenic	0.0122		mg/L	0.0100	1	11/07/07 14:47	SW846 6010B	7111141
Barium	0.110		mg/L	0.0100	1	11/07/07 14:47	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 14:47	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 14:47	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 14:47	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 14:47	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 14:47	SW846 6010B	7111141

Dissolved Mercury by EPA Methods 7470A/7471A

Mercury	ND		mg/L	0.000200	1	11/09/07 11:25	SW846 7470A	7111343
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Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	11/08/07 06:06	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 06:06	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 06:06	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 06:06	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	107 %					11/08/07 06:06	SW846 8021B	7111227

Volatile Organic Compounds by EPA Method 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/10/07 21:45	SW846 8260B	7111864
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/07 21:45	SW846 8260B	7111864
Isopropyl Ether	ND		ug/L	1.00	1	11/10/07 21:45	SW846 8260B	7111864
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/10/07 21:45	SW846 8260B	7111864

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-05 (MW-05 - Water) - cont. Sampled: 11/03/07 15:51								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/10/07 21:45	SW846 8260B	7111864
Surr: 1,2-Dichloroethane-d4 (60-140%)	100 %					11/10/07 21:45	SW846 8260B	7111864
Surr: Dibromofluoromethane (75-124%)	100 %					11/10/07 21:45	SW846 8260B	7111864
Surr: Toluene-d8 (78-121%)	98 %					11/10/07 21:45	SW846 8260B	7111864
Surr: 4-Bromofluorobenzene (79-124%)	98 %					11/10/07 21:45	SW846 8260B	7111864
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Anthracene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Chrysene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Fluorene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Pyrene	ND		ug/L	2.15	1	11/08/07 20:25	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	50 %					11/08/07 20:25	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	70 %					11/08/07 20:25	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	68 %					11/08/07 20:25	SW846 8270C	7111081
Sample ID: NQK0552-06 (MW-11 - Water) Sampled: 11/03/07 16:23								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0136		mg/L	0.0100	1	11/07/07 14:51	SW846 6010B	7111141
Barium	0.0255		mg/L	0.0100	1	11/07/07 14:51	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 14:51	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 14:51	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 14:51	SW846 6010B	7111141
Selenium	0.0150		mg/L	0.0100	1	11/07/07 14:51	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 14:51	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:27	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 06:31	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 06:31	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 06:31	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 06:31	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	109 %					11/08/07 06:31	SW846 8021B	7111227

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-06 (MW-11 - Water) - cont. Sampled: 11/03/07 16:23								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 19:19	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 19:19	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 19:19	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 19:19	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 19:19	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 19:19	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	99 %					11/09/07 19:19	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	98 %					11/09/07 19:19	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/09/07 19:19	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Anthracene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Chrysene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Fluorene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Pyrene	ND		ug/L	2.11	1	11/08/07 20:46	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	78 %					11/08/07 20:46	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	62 %					11/08/07 20:46	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	60 %					11/08/07 20:46	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-07 (MW-15 - Water) Sampled: 11/04/07 13:25								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0142		mg/L	0.0100	1	11/08/07 10:36	SW846 6010B	7111312
Barium	0.0273		mg/L	0.0100	1	11/08/07 10:36	SW846 6010B	7111312
Cadmium	0.00340		mg/L	0.00100	1	11/08/07 10:36	SW846 6010B	7111312
Chromium	0.00600		mg/L	0.00500	1	11/08/07 10:36	SW846 6010B	7111312
Lead	ND		mg/L	0.00500	1	11/08/07 10:36	SW846 6010B	7111312
Selenium	0.0326	M1	mg/L	0.0100	1	11/08/07 10:36	SW846 6010B	7111312
Silver	ND		mg/L	0.00500	1	11/08/07 10:36	SW846 6010B	7111312
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:29	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 06:55	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 06:55	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 06:55	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 06:55	SW846 8021B	7111227
Surr: <i>a,a,a</i> -Trifluorotoluene (46-150%)	106 %					11/08/07 06:55	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 19:45	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 19:45	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 19:45	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 19:45	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 19:45	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	98 %					11/09/07 19:45	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	100 %					11/09/07 19:45	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	98 %					11/09/07 19:45	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/09/07 19:45	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Anthracene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Chrysene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Fluorene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081
Pyrene	ND		ug/L	2.22	1	11/08/07 21:06	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-07 (MW-15 - Water) - cont. Sampled: 11/04/07 13:25								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Surr: Terphenyl-d14 (21-123%)	44 %					11/08/07 21:06	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	69 %					11/08/07 21:06	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	67 %					11/08/07 21:06	SW846 8270C	7111081
Sample ID: NQK0552-08 (MW-13 - Water) Sampled: 11/04/07 14:00								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0137		mg/L	0.0100	1	11/07/07 15:10	SW846 6010B	7111141
Barium	0.143		mg/L	0.0100	1	11/07/07 15:10	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:10	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:10	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:10	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:10	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:10	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:31	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 07:20	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 07:20	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 07:20	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 07:20	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	107 %					11/08/07 07:20	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 20:10	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 20:10	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 20:10	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 20:10	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 20:10	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 20:10	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	99 %					11/09/07 20:10	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	99 %					11/09/07 20:10	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/09/07 20:10	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Anthracene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (e) pyrene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Benzo (a,h) anthracene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-08 (MW-13 - Water) - cont. Sampled: 11/04/07 14:00								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Fluoranthene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Fluorene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Pyrene	ND		ug/L	2.11	1	11/08/07 21:26	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	40 %					11/08/07 21:26	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	73 %					11/08/07 21:26	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	71 %					11/08/07 21:26	SW846 8270C	7111081
Sample ID: NQK0552-09 (MW-18 - Water) Sampled: 11/04/07 14:17								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0171		mg/L	0.0100	1	11/07/07 15:15	SW846 6010B	7111141
Barium	0.140		mg/L	0.0100	1	11/07/07 15:15	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:15	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:15	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:15	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:15	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:15	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:33	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	65.2		ug/L	1.00	1	11/08/07 08:33	SW846 8021B	7111227
Ethylbenzene	134		ug/L	1.00	1	11/08/07 08:33	SW846 8021B	7111227
Toluene	1.81		ug/L	1.00	1	11/08/07 08:33	SW846 8021B	7111227
Xylenes, total	18.5		ug/L	3.00	1	11/08/07 08:33	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	117 %					11/08/07 08:33	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 20:35	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 20:35	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 20:35	SW846 8260B	7111486
Methyl tert-Butyl Ether	9.43		ug/L	1.00	1	11/09/07 20:35	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 20:35	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	99 %					11/09/07 20:35	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	102 %					11/09/07 20:35	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	97 %					11/09/07 20:35	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	100 %					11/09/07 20:35	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Anthracene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-09 (MW-18 - Water) - cont. Sampled: 11/04/07 14:17								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Benzo (a) pyrene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Chrysene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Fluorene	7.13		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Naphthalene	26.6		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Phenanthrene	8.03		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Pyrene	ND		ug/L	2.20	1	11/08/07 21:46	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	46 %					11/08/07 21:46	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	70 %					11/08/07 21:46	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	69 %					11/08/07 21:46	SW846 8270C	7111081
Sample ID: NQK0552-10 (MW-06 - Water) Sampled: 11/04/07 14:38								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0196		mg/L	0.0100	1	11/07/07 15:19	SW846 6010B	7111141
Barium	0.0354		mg/L	0.0100	1	11/07/07 15:19	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:19	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:19	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:19	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:19	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:19	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:35	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	17.3		ug/L	1.00	1	11/08/07 08:57	SW846 8021B	7111227
Ethylbenzene	16.5		ug/L	1.00	1	11/08/07 08:57	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 08:57	SW846 8021B	7111227
Xylenes, total	9.46		ug/L	3.00	1	11/08/07 08:57	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	110 %					11/08/07 08:57	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 21:01	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 21:01	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 21:01	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 21:01	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 21:01	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	99 %					11/09/07 21:01	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	101 %					11/09/07 21:01	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	97 %					11/09/07 21:01	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	100 %					11/09/07 21:01	SW846 8260B	7111486

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-10 (MW-06 - Water) - cont. Sampled: 11/04/07 14:38								
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Anthracene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Chrysene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Fluorene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Naphthalene	28.2		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Pyrene	ND		ug/L	2.20	1	11/08/07 22:06	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	57 %					11/08/07 22:06	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	83 %					11/08/07 22:06	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	80 %					11/08/07 22:06	SW846 8270C	7111081

Sample ID: NQK0552-11 (MW-19 - Water) Sampled: 11/04/07 15:00

Dissolved Metals by EPA Method 6010B

Arsenic	0.0231		mg/L	0.0100	1	11/07/07 15:23	SW846 6010B	7111141
Barium	0.0658		mg/L	0.0100	1	11/07/07 15:23	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:23	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:23	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:23	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:23	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:23	SW846 6010B	7111141

Dissolved Mercury by EPA Methods 7470A/7471A

Mercury	ND		mg/L	0.000200	1	11/09/07 11:37	SW846 7470A	7111343
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Volatile Organic Compounds by EPA Method 8021B

Benzene	5.58		ug/L	1.00	1	11/08/07 09:21	SW846 8021B	7111227
Ethylbenzene	27.7		ug/L	1.00	1	11/08/07 09:21	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 09:21	SW846 8021B	7111227
Xylenes, total	20.2		ug/L	3.00	1	11/08/07 09:21	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	109 %					11/08/07 09:21	SW846 8021B	7111227

Volatile Organic Compounds by EPA Method 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 21:26	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 21:26	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 21:26	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 21:26	SW846 8260B	7111486

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-11 (MW-19 - Water) - cont. Sampled: 11/04/07 15:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 21:26	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 21:26	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	100 %					11/09/07 21:26	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	97 %					11/09/07 21:26	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	103 %					11/09/07 21:26	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Anthracene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (e) phtene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Benzo (a,h) anthracene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Fluorene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Naphthalene	22.9		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Pyrene	ND		ug/L	2.22	1	11/08/07 22:27	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	54 %					11/08/07 22:27	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	79 %					11/08/07 22:27	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	65 %					11/08/07 22:27	SW846 8270C	7111081
Sample ID: NQK0552-12 (MW-03 - Water) Sampled: 11/04/07 15:18								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0117		mg/L	0.0100	1	11/07/07 15:27	SW846 6010B	7111141
Barium	0.124		mg/L	0.0100	1	11/07/07 15:27	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:27	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:27	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:27	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:27	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:27	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:39	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 09:45	SW846 8021B	7111227
Ethylbenzene	1.00		ug/L	1.00	1	11/08/07 09:45	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 09:45	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 09:45	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	107 %					11/08/07 09:45	SW846 8021B	7111227

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-12 (MW-03 - Water) - cont. Sampled: 11/04/07 15:18								
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 21:51	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 21:51	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 21:51	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 21:51	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 21:51	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 21:51	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	100 %					11/09/07 21:51	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	99 %					11/09/07 21:51	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	98 %					11/09/07 21:51	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Anthracene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Chrysene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Fluorene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Pyrene	ND		ug/L	2.11	1	11/08/07 22:47	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	52 %					11/08/07 22:47	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	59 %					11/08/07 22:47	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	64 %					11/08/07 22:47	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-13 (MW-04 - Water) Sampled: 11/04/07 09:30								
Dissolved Metals by EPA Method 6010B								
Arsenic	ND		mg/L	0.0100	1	11/07/07 15:31	SW846 6010B	7111141
Barium	0.148		mg/L	0.0100	1	11/07/07 15:31	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:31	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:31	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:31	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:31	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:31	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:45	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 10:10	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 10:10	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 10:10	SW846 8021B	7111227
Aromatics, total	ND		ug/L	3.00	1	11/08/07 10:10	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	109 %					11/08/07 10:10	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 22:16	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 22:16	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 22:16	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 22:16	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 22:16	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 22:16	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	99 %					11/09/07 22:16	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	98 %					11/09/07 22:16	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	98 %					11/09/07 22:16	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Anthracene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Chrysene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Fluorene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081
Pyrene	ND		ug/L	2.15	1	11/08/07 23:07	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-13 (MW-04 - Water) - cont. Sampled: 11/04/07 09:30								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Surr: Terphenyl-d14 (21-123%)	77 %					11/08/07 23:07	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	74 %					11/08/07 23:07	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	73 %					11/08/07 23:07	SW846 8270C	7111081
Sample ID: NQK0552-14 (MW-02 - Water) Sampled: 11/05/07 08:37								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0148		mg/L	0.0100	1	11/07/07 15:35	SW846 6010B	7111141
Barium	0.988		mg/L	0.0100	1	11/07/07 15:35	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:35	SW846 6010B	7111141
Chromium	ND		mg/L	0.00500	1	11/07/07 15:35	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:35	SW846 6010B	7111141
Selenium	ND		mg/L	0.0100	1	11/07/07 15:35	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:35	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:47	SW846 7470A	7111347
Volatile Organic Compounds by EPA Method 8021B								
Benzene	5.84		ug/L	1.00	1	11/08/07 10:34	SW846 8021B	7111227
Ethylbenzene	23.1		ug/L	1.00	1	11/08/07 10:34	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 10:34	SW846 8021B	7111227
Xylenes, total	9.14		ug/L	3.00	1	11/08/07 10:34	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	108 %					11/08/07 10:34	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 22:42	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 22:42	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 22:42	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 22:42	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 22:42	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	99 %					11/09/07 22:42	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	101 %					11/09/07 22:42	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	97 %					11/09/07 22:42	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	101 %					11/09/07 22:42	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Anthracene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Benzo (a) pyrene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Chrysene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-14 (MW-02 - Water) - cont. Sampled: 11/05/07 08:37								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Fluoranthene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Fluorene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Pyrene	ND		ug/L	2.13	1	11/08/07 23:27	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	49 %					11/08/07 23:27	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	64 %					11/08/07 23:27	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	70 %					11/08/07 23:27	SW846 8270C	7111081
Sample ID: NQK0552-15 (MW-08 - Water) Sampled: 11/05/07 09:00								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0129		mg/L	0.0100	1	11/07/07 15:39	SW846 6010B	7111141
Barium	0.0961		mg/L	0.0100	1	11/07/07 15:39	SW846 6010B	7111141
Cadmium	ND		mg/L	0.00100	1	11/07/07 15:39	SW846 6010B	7111141
Cromium	ND		mg/L	0.00500	1	11/07/07 15:39	SW846 6010B	7111141
Lead	ND		mg/L	0.00500	1	11/07/07 15:39	SW846 6010B	7111141
Selenium	0.0100		mg/L	0.0100	1	11/07/07 15:39	SW846 6010B	7111141
Silver	ND		mg/L	0.00500	1	11/07/07 15:39	SW846 6010B	7111141
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:04	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 10:58	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 10:58	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 10:58	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 10:58	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	107 %					11/08/07 10:58	SW846 8021B	7111227
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/09/07 23:07	SW846 8260B	7111486
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 23:07	SW846 8260B	7111486
Diisopropyl Ether	ND		ug/L	1.00	1	11/09/07 23:07	SW846 8260B	7111486
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/09/07 23:07	SW846 8260B	7111486
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/09/07 23:07	SW846 8260B	7111486
Surr: 1,2-Dichloroethane-d4 (60-140%)	97 %					11/09/07 23:07	SW846 8260B	7111486
Surr: Dibromofluoromethane (75-124%)	101 %					11/09/07 23:07	SW846 8260B	7111486
Surr: Toluene-d8 (78-121%)	99 %					11/09/07 23:07	SW846 8260B	7111486
Surr: 4-Bromofluorobenzene (79-124%)	99 %					11/09/07 23:07	SW846 8260B	7111486
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Acenaphthylene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Anthracene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Benzo (a) anthracene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0552-15 (MW-08 - Water) - cont. Sampled: 11/05/07 09:00								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Benzo (a) pyrene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Benzo (b) fluoranthene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Benzo (g,h,i) perylene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Benzo (k) fluoranthene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Chrysene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Dibenz (a,h) anthracene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Fluoranthene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Fluorene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Naphthalene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Phenanthrene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Pyrene	ND		ug/L	2.11	1	11/08/07 23:47	SW846 8270C	7111081
Surr: Terphenyl-d14 (21-123%)	83 %					11/08/07 23:47	SW846 8270C	7111081
Surr: 2-Fluorobiphenyl (34-108%)	67 %					11/08/07 23:47	SW846 8270C	7111081
Surr: Nitrobenzene-d5 (29-116%)	60 %					11/08/07 23:47	SW846 8270C	7111081

Sample ID: NQK0552-16 (TRIP BLANK - Water) Sampled: 11/05/07 00:01

Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/08/07 03:41	SW846 8021B	7111227
Ethylbenzene	ND		ug/L	1.00	1	11/08/07 03:41	SW846 8021B	7111227
Toluene	ND		ug/L	1.00	1	11/08/07 03:41	SW846 8021B	7111227
Xylenes, total	ND		ug/L	3.00	1	11/08/07 03:41	SW846 8021B	7111227
Surr: a,a,a-Trifluorotoluene (46-150%)	109 %					11/08/07 03:41	SW846 8021B	7111227

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Mercury by EPA Methods 7470A/7471A							
SW846 7470A	7111343	NQK0552-01	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-02	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-03	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-04	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-05	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-06	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-07	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-08	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-09	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-10	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-11	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-12	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-13	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-14	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0552-15	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
Dissolved Metals by EPA Method 6010B							
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-01	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-02	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-03	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-04	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-05	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-06	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0552-07	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-08	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-09	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-10	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-11	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-11	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D
SW846 6010B	7111141	NQK0552-11	50.00	50.00	11/07/07 11:15	AMB	EPA 3010A / 6010 D

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

SAMPLE EXTRACTION DATA

[illegible]

Polyaromatic Hydrocarbons by EPA 8270C

SW846 8270C	7111081	NQK0552-01	925.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-02	900.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-03	910.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-04	930.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-05	930.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-06	950.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-07	900.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-08	950.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-09	910.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-10	910.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-11	900.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-12	950.00	1.00	11/07/07 09:50	AML	EPA 3510C

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol		Date	Analyst	Extraction Method
			Extracted	Extracted Vol			
SW846 8270C	7111081	NQK0552-13	930.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-14	940.00	1.00	11/07/07 09:50	AML	EPA 3510C
SW846 8270C	7111081	NQK0552-15	950.00	1.00	11/07/07 09:50	AML	EPA 3510C

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Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Dissolved Metals by EPA Method 6010B						
7111141-BLK1						
Arsenic	<0.00500		mg/L	7111141	7111141-BLK1	11/07/07 14:14
Barium	<0.00500		mg/L	7111141	7111141-BLK1	11/07/07 14:14
Cadmium	<0.000800		mg/L	7111141	7111141-BLK1	11/07/07 14:14
Chromium	<0.00200		mg/L	7111141	7111141-BLK1	11/07/07 14:14
Lead	<0.00300		mg/L	7111141	7111141-BLK1	11/07/07 14:14
Selenium	<0.00500		mg/L	7111141	7111141-BLK1	11/07/07 14:14
Silver	<0.00200		mg/L	7111141	7111141-BLK1	11/07/07 14:14
7111312-BLK1						
Arsenic	<0.00500		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Barium	<0.00500		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Cadmium	<0.000800		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Chromium	<0.00200		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Lead	<0.00300		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Selenium	<0.00500		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Silver	<0.00200		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Dissolved Mercury by EPA Methods 7470A/7471A						
7111343-BLK1						
Mercury	<0.000100		mg/L	7111343	7111343-BLK1	11/09/07 11:04
Volatile Organic Compounds by EPA Method 8021B						
7111227-BLK1						
Benzene	<0.500		ug/L	7111227	7111227-BLK1	11/08/07 03:16
Ethylbenzene	<0.520		ug/L	7111227	7111227-BLK1	11/08/07 03:16
Toluene	<0.500		ug/L	7111227	7111227-BLK1	11/08/07 03:16
Xylenes, total	<1.68		ug/L	7111227	7111227-BLK1	11/08/07 03:16
Surrogate: <i>a,a,a-Trifluorotoluene</i>	107%			7111227	7111227-BLK1	11/08/07 03:16
7111227-BLK2						
Benzene	<0.500		ug/L	7111227	7111227-BLK2	11/08/07 08:08
Ethylbenzene	<0.520		ug/L	7111227	7111227-BLK2	11/08/07 08:08
Toluene	<0.500		ug/L	7111227	7111227-BLK2	11/08/07 08:08
Xylenes, total	<1.68		ug/L	7111227	7111227-BLK2	11/08/07 08:08
Surrogate: <i>a,a,a-Trifluorotoluene</i>	108%			7111227	7111227-BLK2	11/08/07 08:08
Volatile Organic Compounds by EPA Method 8260B						
7111486-BLK1						
Tert-Amyl Methyl Ether	<0.450		ug/L	7111486	7111486-BLK1	11/09/07 16:48
Ethyl tert-Butyl Ether	<0.330		ug/L	7111486	7111486-BLK1	11/09/07 16:48
Isopropyl Ether	<0.500		ug/L	7111486	7111486-BLK1	11/09/07 16:48
Methyl tert-Butyl Ether	<0.420		ug/L	7111486	7111486-BLK1	11/09/07 16:48

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7111486-BLK1						
Tertiary Butyl Alcohol	<6.40		ug/L	7111486	7111486-BLK1	11/09/07 16:48
Surrogate: 1,2-Dichloroethane-d4	97%			7111486	7111486-BLK1	11/09/07 16:48
Surrogate: Dibromofluoromethane	99%			7111486	7111486-BLK1	11/09/07 16:48
Surrogate: Toluene-d8	98%			7111486	7111486-BLK1	11/09/07 16:48
Surrogate: 4-Bromofluorobenzene	98%			7111486	7111486-BLK1	11/09/07 16:48
Polyaromatic Hydrocarbons by EPA 8270C						
7111081-BLK1						
Acenaphthene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Acenaphthylene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Anthracene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Benzo (a) anthracene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Benzo (a) pyrene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Benzo (b) fluoranthene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Benzo (g,h,i) perylene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Benzo (k) fluoranthene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Chrysene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Dibenz (a,h) anthracene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Fluoranthene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Fluorene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Naphthalene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Phenanthrene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Pyrene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
1-Methylnaphthalene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
2-Methylnaphthalene	<1.00		ug/L	7111081	7111081-BLK1	11/08/07 03:43
Surrogate: Terphenyl-d14	81%			7111081	7111081-BLK1	11/08/07 03:43
Surrogate: 2-Fluorobiphenyl	77%			7111081	7111081-BLK1	11/08/07 03:43
Surrogate: Nitrobenzene-d5	72%			7111081	7111081-BLK1	11/08/07 03:43

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Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Dissolved Metals by EPA Method 6010B								
7111141-BS1								
Arsenic	0.0500	0.0494		mg/L	99%	80 - 120	7111141	11/07/07 14:18
Barium	2.00	2.00		mg/L	100%	80 - 120	7111141	11/07/07 14:18
Cadmium	0.0500	0.0525		mg/L	105%	80 - 120	7111141	11/07/07 14:18
Chromium	0.200	0.214		mg/L	107%	80 - 120	7111141	11/07/07 14:18
Lead	0.0500	0.0529		mg/L	106%	80 - 120	7111141	11/07/07 14:18
Selenium	0.0500	0.0460		mg/L	92%	80 - 120	7111141	11/07/07 14:18
Silver	0.0500	0.0541		mg/L	108%	80 - 120	7111141	11/07/07 14:18
7111312-BS1								
Arsenic	0.0500	0.0504		mg/L	101%	80 - 120	7111312	11/08/07 10:32
Barium	2.00	2.22		mg/L	111%	80 - 120	7111312	11/08/07 10:32
Cadmium	0.0500	0.0540		mg/L	108%	80 - 120	7111312	11/08/07 10:32
Chromium	0.200	0.215		mg/L	108%	80 - 120	7111312	11/08/07 10:32
Lead	0.0500	0.0517		mg/L	103%	80 - 120	7111312	11/08/07 10:32
Selenium	0.0500	0.0545		mg/L	109%	80 - 120	7111312	11/08/07 10:32
Silver	0.0500	0.0525		mg/L	105%	80 - 120	7111312	11/08/07 10:32
Dissolved Mercury by EPA Methods 7470A/7471A								
7111343-BS1								
Mercury	0.00100	0.00109		mg/L	109%	78 - 124	7111343	11/09/07 11:06
Volatile Organic Compounds by EPA Method 8021B								
7111227-BS1								
Benzene	100	84.2		ug/L	84%	74 - 120	7111227	11/08/07 12:35
Ethylbenzene	100	95.0		ug/L	95%	73 - 120	7111227	11/08/07 12:35
Toluene	100	88.3		ug/L	88%	74 - 120	7111227	11/08/07 12:35
Xylenes, total	200	189		ug/L	95%	67 - 120	7111227	11/08/07 12:35
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	31.8			106%	46 - 150	7111227	11/08/07 12:35
Volatile Organic Compounds by EPA Method 8260B								
7111486-BS1								
Tert-Amyl Methyl Ether	50.0	56.5		ug/L	113%	76 - 129	7111486	11/09/07 15:07
Ethyl tert-Butyl Ether	50.0	53.7		ug/L	107%	74 - 128	7111486	11/09/07 15:07
Diisopropyl Ether	50.0	46.9		ug/L	94%	69 - 129	7111486	11/09/07 15:07
Methyl tert-Butyl Ether	50.0	47.4		ug/L	95%	70 - 129	7111486	11/09/07 15:07
Tertiary Butyl Alcohol	500	460		ug/L	92%	39 - 150	7111486	11/09/07 15:07
Surrogate: <i>1,2-Dichloroethane-d4</i>	25.0	23.2			93%	60 - 140	7111486	11/09/07 15:07
Surrogate: <i>Dibromofluoromethane</i>	25.0	24.5			98%	75 - 124	7111486	11/09/07 15:07
Surrogate: <i>Toluene-d8</i>	25.0	23.8			95%	78 - 121	7111486	11/09/07 15:07
Surrogate: <i>4-Bromofluorobenzene</i>	25.0	25.7			103%	79 - 124	7111486	11/09/07 15:07

Polyaromatic Hydrocarbons by EPA 8270C

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
7111081-BS1								
Acenaphthene	50.0	43.0	MNR1	ug/L	86%	49 - 107	7111081	11/08/07 04:03
Acenaphthylene	50.0	47.5	MNR1	ug/L	95%	50 - 108	7111081	11/08/07 04:03
Anthracene	50.0	51.2	MNR1	ug/L	102%	50 - 132	7111081	11/08/07 04:03
Benzo (a) anthracene	50.0	48.9	MNR1	ug/L	98%	55 - 118	7111081	11/08/07 04:03
Benzo (a) pyrene	50.0	48.2	MNR1	ug/L	96%	51 - 132	7111081	11/08/07 04:03
Benzo (b) fluoranthene	50.0	41.7	MNR1	ug/L	83%	50 - 122	7111081	11/08/07 04:03
Benzo (g,h,i) perylene	50.0	44.9	MNR1	ug/L	90%	47 - 123	7111081	11/08/07 04:03
Benzo (k) fluoranthene	50.0	52.7	MNR1	ug/L	105%	46 - 125	7111081	11/08/07 04:03
Chrysene	50.0	49.6	MNR1	ug/L	99%	54 - 116	7111081	11/08/07 04:03
Dibenz (a,h) anthracene	50.0	43.6	MNR1	ug/L	87%	50 - 124	7111081	11/08/07 04:03
Fluoranthene	50.0	48.2	MNR1	ug/L	96%	55 - 120	7111081	11/08/07 04:03
Fluorene	50.0	46.9	MNR1	ug/L	94%	53 - 113	7111081	11/08/07 04:03
Indeno (1,2,3-cd) pyrene	50.0	43.8	MNR1	ug/L	88%	50 - 123	7111081	11/08/07 04:03
Naphthalene	50.0	34.7	MNR1	ug/L	69%	39 - 100	7111081	11/08/07 04:03
Phenanthrene	50.0	46.6	MNR1	ug/L	93%	53 - 116	7111081	11/08/07 04:03
Pyrene	50.0	53.2	MNR1	ug/L	106%	54 - 123	7111081	11/08/07 04:03
1-Methylnaphthalene	50.5	35.5	MNR1	ug/L	70%	28 - 100	7111081	11/08/07 04:03
2-Methylnaphthalene	50.0	37.4	MNR1	ug/L	75%	35 - 105	7111081	11/08/07 04:03
Surrogate: Terphenyl-d14	50.0	47.5			95%	29 - 123	7111081	11/08/07 04:03
Surrogate: 2-Fluorobiphenyl	50.0	43.0			86%	34 - 86	7111081	11/08/07 04:03
Surrogate: Nitrobenzene-d5	50.0	34.8			70%	29 - 116	7111081	11/08/07 04:03

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8260B												
7111486-BSD1												
Tert-Amyl Methyl Ether		55.0	MNR I	ug/L	50.0	110%	76 - 129	3	25	7111486		11/09/07 15:32
Ethyl tert-Butyl Ether		49.4	MNR I	ug/L	50.0	99%	74 - 128	8	26	7111486		11/09/07 15:32
Diisopropyl Ether		44.7	MNR I	ug/L	50.0	89%	69 - 129	5	23	7111486		11/09/07 15:32
Methyl tert-Butyl Ether		46.2	MNR I	ug/L	50.0	92%	70 - 129	3	32	7111486		11/09/07 15:32
Tertiary Butyl Alcohol		445	MNR I	ug/L	500	89%	39 - 150	3	50	7111486		11/09/07 15:32
Surrogate: 1,2-Dichloroethane-d4		22.8		ug/L	25.0	91%	60 - 140			7111486		11/09/07 15:32
Surrogate: Dibromofluoromethane		24.7		ug/L	25.0	99%	75 - 124			7111486		11/09/07 15:32
Surrogate: Toluene-d8		24.1		ug/L	25.0	96%	78 - 121			7111486		11/09/07 15:32
Surrogate: 4-Bromofluorobenzene		25.8		ug/L	25.0	103%	79 - 124			7111486		11/09/07 15:32

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Dissolved Metals by EPA Method 6010B										
7111141-MS1										
Arsenic	0.00910	0.0591		mg/L	0.0500	100%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
Barium	0.0456	2.07		mg/L	2.00	101%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
Cadmium	ND	0.0508		mg/L	0.0500	102%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
Chromium	0.00450	0.216		mg/L	0.200	106%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
Lead	ND	0.0488		mg/L	0.0500	98%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
Selenium	ND	0.0597		mg/L	0.0500	119%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
Silver	ND	0.0530		mg/L	0.0500	106%	75 - 125	7111141	NQK0552-01	11/07/07 14:26
7111312-MS1										
Arsenic	0.0142	0.0680		mg/L	0.0500	108%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Barium	0.0273	2.23		mg/L	2.00	110%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Cadmium	0.00340	0.0565		mg/L	0.0500	106%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Chromium	0.00600	0.215		mg/L	0.200	105%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Lead	ND	0.0525		mg/L	0.0500	105%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Selenium	0.0326	0.0975	M1	mg/L	0.0500	130%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Silver	0.00310	0.0597		mg/L	0.0500	113%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Dissolved Mercury by EPA Methods 7470A/7471A										
7111343-MS1										
Mercury	ND	0.00108		mg/L	0.00100	108%	63 - 138	7111343	NQK0552-01	11/09/07 11:10
Volatile Organic Compounds by EPA Method 8021B										
7111227-MS1										
Benzene	ND	45.3		ug/L	50.0	91%	48 - 158	7111227	NQK0605-01	11/08/07 13:24
Ethylbenzene	ND	52.9		ug/L	50.0	106%	52 - 151	7111227	NQK0605-01	11/08/07 13:24
Toluene	ND	48.2		ug/L	50.0	96%	53 - 147	7111227	NQK0605-01	11/08/07 13:24
Xylenes, total	ND	104		ug/L	100	104%	52 - 143	7111227	NQK0605-01	11/08/07 13:24
Surrogate: a,a,a-Trifluorotoluene		31.8		ug/L	30.0	106%	46 - 150	7111227	NQK0605-01	11/08/07 13:24

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Dissolved Metals by EPA Method 6010B												
7111141-MSD1												
Arsenic	0.00910	0.0606		mg/L	0.0500	103%	75 - 125	3	20	7111141	NQK0552-01	11/07/07 14:30
Barium	0.0456	2.06		mg/L	2.00	101%	75 - 125	0.6	20	7111141	NQK0552-01	11/07/07 14:30
Cadmium	ND	0.0506		mg/L	0.0500	101%	75 - 125	0.4	20	7111141	NQK0552-01	11/07/07 14:30
Chromium	0.00450	0.214		mg/L	0.200	105%	75 - 125	0.8	20	7111141	NQK0552-01	11/07/07 14:30
Lead	ND	0.0479		mg/L	0.0500	96%	75 - 125	2	20	7111141	NQK0552-01	11/07/07 14:30
Selenium	ND	0.0593		mg/L	0.0500	119%	75 - 125	0.7	20	7111141	NQK0552-01	11/07/07 14:30
Silver	ND	0.0533		mg/L	0.0500	107%	75 - 125	0.6	20	7111141	NQK0552-01	11/07/07 14:30
7111312-MSD1												
Arsenic	0.0142	0.0678		mg/L	0.0500	107%	75 - 125	0.3	20	7111312	NQK0552-07	11/08/07 10:45
Barium	0.0273	2.22		mg/L	2.00	110%	75 - 125	0.5	20	7111312	NQK0552-07	11/08/07 10:45
Cadmium	0.00340	0.0574		mg/L	0.0500	108%	75 - 125	2	20	7111312	NQK0552-07	11/08/07 10:45
Chromium	0.00600	0.219		mg/L	0.200	106%	75 - 125	2	20	7111312	NQK0552-07	11/08/07 10:45
Lead	ND	0.0531		mg/L	0.0500	106%	75 - 125	1	20	7111312	NQK0552-07	11/08/07 10:45
Selenium	0.0326	0.0949		mg/L	0.0500	124%	75 - 125	3	20	7111312	NQK0552-07	11/08/07 10:45
Silver	0.00310	0.0606		mg/L	0.0500	115%	75 - 125	1	20	7111312	NQK0552-07	11/08/07 10:45
Dissolved Mercury by EPA Methods 7470A/7471A												
7111343-MSD1												
Mercury	ND	0.00108		mg/L	0.00100	108%	63 - 138	0	22	7111343	NQK0552-01	11/09/07 11:12
Volatile Organic Compounds by EPA Method 8021B												
7111227-MSD1												
Benzene	ND	50.3		ug/L	50.0	101%	48 - 158	11	39	7111227	NQK0605-01	11/08/07 13:48
Ethylbenzene	ND	58.2		ug/L	50.0	116%	52 - 151	9	37	7111227	NQK0605-01	11/08/07 13:48
Toluene	ND	55.4		ug/L	50.0	111%	53 - 147	14	30	7111227	NQK0605-01	11/08/07 13:48
Xylenes, total	ND	117		ug/L	100	117%	52 - 143	11	38	7111227	NQK0605-01	11/08/07 13:48
Surrogate: <i>a,a,a</i> -Trifluorotoluene		32.4		ug/L	30.0	108%	46 - 150			7111227	NQK0605-01	11/08/07 13:48

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0552
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/06/07 08:45

DATA QUALIFIERS AND DEFINITIONS

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER RECEIPT



NQK0552

Cooler Received/Opened On 11/6/2007 @ 0845

1. Tracking # 4658 (last 4 digits, FedEx)

Courier: FedEx

IR Gun ID A00750

2. Temperature of rep. sample or temp blank when opened: 0.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler?

YES...NO...NA

If yes, how many and where: 1 (Front)

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) J

7. Were custody seals on containers:

YES NO

and intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES NO...NA

14. Was there a Trip Blank in this cooler?

YES...NO...NA

If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) AAN

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) BA

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) BA

I certify that I attached a label with the unique LIMS number to each container (initial) BA

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 46048

LAB:
☐ TA - Irvine, California
☐ TA - Morgan Hill, California
☐ TA - Sacramento, California
☒ TA - Nashville, Tennessee
☐ CalScience
☐ Other _____



SHELL Chain Of Custody Record

NAME OF PERSON TO BILL: Ken Springer

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

INCIDENT # (ES ONLY)

11-5-07

PAGE: 2 of 2

ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE
☐ BILL CONSULTANT
☐ RMT/CRMT

LOG CODE:

SAMPLE COMPANY

H2A Environmental Ltd.

ADDRESS:

1882 Keller Parkway Keller Texas 76248

PROJECT CONTACT (Please print or PDF Report to)

John Savoie

TELEPHONE: 1.682.593.0220

FAX: 1.682.593.0860

E-MAIL:

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS): ☐ RESULTS NEEDED

☒ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS ☐ ON WEEKEND

☐ U - RMCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

☐ END NOT NEEDED
☐ SHELL CONTRACT RATE APPLIES
☐ STATE REIMB RATE APPLIES
☐ RECEIPT VERIFICATION REQUESTED

PO # _____
SITE ADDRESS: Street and City
2 miles south of Jal, NM
EDF DELIVERABLE TO (Name, Company, Office Location):
John Savoie, H2A Env., Jal NM
SAMPLER NAME(S) (Print):
John Savoie
PHONE NO.: 1.505.631.1836
E-MAIL:
NIM
GLOBAL ID NO.:
LAB USE ONLY
100.001

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative
or PID Readings
or Laboratory Notes

TEMPERATURE ON RECEIPT C°

LAB USE ONLY
Field Sample Identification

BTEX #021
PAH
Total Metals/Total Mercury
Oxygenates

LAB USE ONLY	DATE	TIME	MATRIX	NO. OF CONT.
MMW-19	11/4/07	1500	WATER	5
MMW-03	11/4/07	1518	WATER	5
MMW-04	11/5/07	930	WATER	5
MMW-02	11/5/07	837	WATER	5
MMW-08	11/5/07	900	WATER	5
TRIP BLANK				

Relinquished by (Signature):

Relinquished by (Signature):

Relinquished by (Signature):

Date: 11-5-07

Date: 11-5-07

Date: 11-5-07

Time: 1300

Time: 1300

Time: 1300

COOLER RECEIPT FORM

Cooler Received/Opened On 11/6/07 @ 08:45_

1. Tracking # 1585 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 0.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen?

Will 607
☒ YES ☐ NO ☐ NA

4. Were custody seals on outside of cooler?

☒ YES ☐ NO ☐ NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly?

☒ YES ☐ NO ☐ NA

6. Were custody papers inside cooler?

YES ☒ NO ☐ NA

I certify that I opened the cooler and answered questions 1-6 (initial) MM

7. Were custody seals on containers:

YES ☒ NO ☐

and Intact

YES...NO...NA

Were these signed and dated correctly?

☒ YES ☐ NO ☐ NA

8. Packing mat'l used? ☒ Bubblewrap ☐ Plastic bag ☐ Peanuts ☐ Vermiculite ☐ Foam Insert ☐ Paper ☐ Other ☐ None

9. Cooling process:

☒ Ice

☐ Ice-pack

☐ Ice (direct contact)

☐ Dry ice

☐ Other

☐ None

10. Did all containers arrive in good condition (unbroken)?

☒ YES ☐ NO ☐ NA

11. Were all container labels complete (#, date, signed, pres., etc)?

☒ YES ☐ NO ☐ NA

12. Did all container labels and tags agree with custody papers?

☒ YES ☐ NO ☐ NA

13a. Were VOA vials received?

YES ☒ NO ☐ NA

b. Was there any observable headspace present in any VOA vial?

YES...NO ☒ NA

14. Was there a Trip Blank in this cooler?

YES ☒ NO ☐ NA

If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) AAN

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level?

YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SAME
AS
4650

COOLER RECEIPT FORM

Cooler Received/Opened On: 11/6/07 @8:45

1. Tracking # 1574 (last 4 digits, FedEx)

Fed-Ex: _____ IR Gun ID: 9217982

2. Temperature of rep. sample or temp blank when opened: 2.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler?

YES NO NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly?

YES NO NA

6. Were custody papers inside cooler?

YES NO NA

I certify that I opened the cooler and answered questions 1-6 (initial) AA

7. Were custody seals on containers:

YES

NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES NO NA

b. Was there any observable headspace present in any VOA vial?

YES...NO NA

14. Was there a Trip Blank in this cooler? YES NO NA If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (initial) AAV

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SAME
AS
4658

COOLER RECEIPT FORM

Cooler Received/Opened On 11/6/07 @ 08:45

1. Tracking # 1596 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 0.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) [initials]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES NO...NA 1 missing

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA MW5

12. Did all container labels and tags agree with custody papers? YES...NO...NA METHS

13a. Were VOA vials received? YES NO...NA CONTAINER

b. Was there any observable headspace present in any VOA vial? YES...NO NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # 4

I certify that I unloaded the cooler and answered questions 7-14 (initial) AAV

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) _____

I certify that I attached a label with the unique LIMS number to each container (initial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

SAME
AS
4658

Dorothy Roberts

From: John Savoie [jsavoie@windstream.net]
Sent: Wednesday, November 07, 2007 9:14 AM
To: Dorothy Roberts
Subject: Re: Jal, NM NQK0552

Dorothy

That all looks good to me.

Thanks again for your help.

John Savoie
H2A Environmental LTD

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

From: Dorothy Roberts
To: John Savoie
Sent: Wednesday, November 07, 2007 7:35 AM
Subject: Jal, NM NQK0552

John,

Per our phone conversation, the total metals/total mercury on the attached chain were field filtered prior to preservation. I will change the analysis to reflect dissolved metals analyses, RCRA 8 method 6010 and mercury. The PAH method will be 8270 and the oxygenates will be conducted by 8260. Please reply to this correspondence as confirmation.

Regards,

DOROTHY ROBERTS
Project Management

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Drive
Nashville, TN 37204
Tel 615.726.0177 | Direct 615.301.5040
www.testamericainc.com www.stl-inc.com

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11/7/2007

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11/7/2007

November 19, 2007 4:18:58PM

Client: H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn: John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Nbr: SAP 7208037 /106.001
P/O Nbr: 300143
Date Received: 11/07/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-12	NQK0770-01	11/06/07 09:28
MW-14	NQK0770-02	11/06/07 09:50
MW-10	NQK0770-03	11/06/07 10:29
MW-24	NQK0770-04	11/06/07 12:25
MW-23	NQK0770-05	11/06/07 12:10
TRIP BLANK	NQK0770-06	11/06/07 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:

There will be further explanation of pertinent data qualifiers and definitions at the end of this report.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

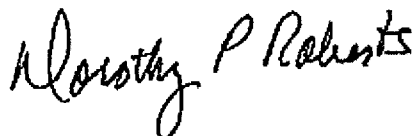
These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Dorothy Roberts

Project Management

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0770-01 (MW-12 - Water) Sampled: 11/06/07 09:28								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0100		mg/L	0.0100	1	11/08/07 11:35	SW846 6010B	7111312
Barium	0.132		mg/L	0.0100	1	11/08/07 11:35	SW846 6010B	7111312
Cadmium	0.00260		mg/L	0.00100	1	11/08/07 11:35	SW846 6010B	7111312
Chromium	ND		mg/L	0.00500	1	11/08/07 11:35	SW846 6010B	7111312
Lead	ND		mg/L	0.00500	1	11/08/07 11:35	SW846 6010B	7111312
Selenium	0.0156		mg/L	0.0100	1	11/08/07 11:35	SW846 6010B	7111312
Silver	ND		mg/L	0.00500	1	11/08/07 11:35	SW846 6010B	7111312
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:51	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/10/07 08:46	SW846 8021B	7111531
Ethylbenzene	ND		ug/L	1.00	1	11/10/07 08:46	SW846 8021B	7111531
Toluene	ND		ug/L	1.00	1	11/10/07 08:46	SW846 8021B	7111531
Xylenes, total	ND		ug/L	3.00	1	11/10/07 08:46	SW846 8021B	7111531
Surr: a,a,a-Trifluorotoluene (46-150%)	106 %					11/10/07 08:46	SW846 8021B	7111531
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/11/07 08:10	SW846 8260B	7111562
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/11/07 08:10	SW846 8260B	7111562
Diisopropyl Ether	ND		ug/L	1.00	1	11/11/07 08:10	SW846 8260B	7111562
Methyl tert-Butyl Ether	3.66		ug/L	1.00	1	11/11/07 08:10	SW846 8260B	7111562
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/11/07 08:10	SW846 8260B	7111562
Surr: 1,2-Dichloroethane-d4 (60-140%)	91 %					11/11/07 08:10	SW846 8260B	7111562
Surr: Dibromofluoromethane (75-124%)	97 %					11/11/07 08:10	SW846 8260B	7111562
Surr: Toluene-d8 (78-121%)	97 %					11/11/07 08:10	SW846 8260B	7111562
Surr: 4-Bromofluorobenzene (79-124%)	97 %					11/11/07 08:10	SW846 8260B	7111562
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Acenaphthylene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Anthracene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Benzo (a) anthracene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Benzo (a) pyrene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Benzo (b) fluoranthene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Benzo (g,h,i) perylene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Benzo (k) fluoranthene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Chrysene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Dibenz (a,h) anthracene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Fluoranthene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Fluorene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Naphthalene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Phenanthrene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289
Pyrene	ND		ug/L	2.06	1	11/11/07 11:56	SW846 8270C	7111289

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0770-01 (MW-12 - Water) - cont. Sampled: 11/06/07 09:28								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Surr: Terphenyl-d14 (21-123%)	31 %					11/11/07 11:56	SW846 8270C	7111289
Surr: 2-Fluorobiphenyl (34-108%)	76 %					11/11/07 11:56	SW846 8270C	7111289
Surr: Nitrobenzene-d5 (29-116%)	86 %					11/11/07 11:56	SW846 8270C	7111289
Sample ID: NQK0770-02 (MW-14 - Water) Sampled: 11/06/07 09:50								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0168		mg/L	0.0100	1	11/08/07 11:39	SW846 6010B	7111312
Barium	0.0649		mg/L	0.0100	1	11/08/07 11:39	SW846 6010B	7111312
Cadmium	0.00330		mg/L	0.00100	1	11/08/07 11:39	SW846 6010B	7111312
Chromium	0.00540		mg/L	0.00500	1	11/08/07 11:39	SW846 6010B	7111312
Lead	ND		mg/L	0.00500	1	11/08/07 11:39	SW846 6010B	7111312
Selenium	0.0125		mg/L	0.0100	1	11/08/07 11:39	SW846 6010B	7111312
Silver	ND		mg/L	0.00500	1	11/08/07 11:39	SW846 6010B	7111312
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:53	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	2.16		ug/L	1.00	1	11/10/07 09:10	SW846 8021B	7111531
Ethylbenzene	3.79		ug/L	1.00	1	11/10/07 09:10	SW846 8021B	7111531
Toluene	ND		ug/L	1.00	1	11/10/07 09:10	SW846 8021B	7111531
Xylenes, total	ND		ug/L	3.00	1	11/10/07 09:10	SW846 8021B	7111531
Surr: a,a,a-Trifluorotoluene (46-150%)	109 %					11/10/07 09:10	SW846 8021B	7111531
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/11/07 08:39	SW846 8260B	7111562
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/11/07 08:39	SW846 8260B	7111562
Diisopropyl Ether	ND		ug/L	1.00	1	11/11/07 08:39	SW846 8260B	7111562
Methyl tert-Butyl Ether	9.31		ug/L	1.00	1	11/11/07 08:39	SW846 8260B	7111562
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/11/07 08:39	SW846 8260B	7111562
Surr: 1,2-Dichloroethane-d4 (60-140%)	93 %					11/11/07 08:39	SW846 8260B	7111562
Surr: Dibromofluoromethane (75-124%)	98 %					11/11/07 08:39	SW846 8260B	7111562
Surr: Toluene-d8 (78-121%)	97 %					11/11/07 08:39	SW846 8260B	7111562
Surr: 4-Bromofluorobenzene (79-124%)	98 %					11/11/07 08:39	SW846 8260B	7111562
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Acenaphthylene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Anthracene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (a) anthracene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (a) pyrene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (b) fluoranthene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (g,h,i) perylene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (k) fluoranthene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (a) perylene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Benzo (a,h) anthracene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0770-02 (MW-14 - Water) - cont. Sampled: 11/06/07 09:50								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Fluoranthene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Fluorene	4.86		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Naphthalene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Phenanthrene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Pyrene	ND		ug/L	2.00	1	11/11/07 12:19	SW846 8270C	7111289
Surr: Terphenyl-d14 (21-123%)	34 %					11/11/07 12:19	SW846 8270C	7111289
Surr: 2-Fluorobiphenyl (34-108%)	76 %					11/11/07 12:19	SW846 8270C	7111289
Surr: Nitrobenzene-d5 (29-116%)	82 %					11/11/07 12:19	SW846 8270C	7111289

Sample ID: NQK0770-03 (MW-10 - Water) Sampled: 11/06/07 10:29

Dissolved Metals by EPA Method 6010B								
Arsenic	ND		mg/L	0.0100	1	11/08/07 11:44	SW846 6010B	7111312
Barium	0.178		mg/L	0.0100	1	11/08/07 11:44	SW846 6010B	7111312
Cadmium	0.00230		mg/L	0.00100	1	11/08/07 11:44	SW846 6010B	7111312
Chromium	ND		mg/L	0.00500	1	11/08/07 11:44	SW846 6010B	7111312
Lead	ND		mg/L	0.00500	1	11/08/07 11:44	SW846 6010B	7111312
Selenium	ND		mg/L	0.0100	1	11/08/07 11:44	SW846 6010B	7111312
Silver	ND		mg/L	0.00500	1	11/08/07 11:44	SW846 6010B	7111312

Dissolved Mercury by EPA Methods 7470A/7471A

Mercury	ND		mg/L	0.000200	1	11/09/07 11:55	SW846 7470A	7111343
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Volatile Organic Compounds by EPA Method 8021B

Benzene	ND		ug/L	1.00	1	11/10/07 09:34	SW846 8021B	7111531
Ethylbenzene	ND		ug/L	1.00	1	11/10/07 09:34	SW846 8021B	7111531
Toluene	ND		ug/L	1.00	1	11/10/07 09:34	SW846 8021B	7111531
Xylenes, total	ND		ug/L	3.00	1	11/10/07 09:34	SW846 8021B	7111531
Surr: a,a,a-Trifluorotoluene (46-150%)	108 %					11/10/07 09:34	SW846 8021B	7111531

Volatile Organic Compounds by EPA Method 8260B

Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/11/07 09:07	SW846 8260B	7111562
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/11/07 09:07	SW846 8260B	7111562
Diisopropyl Ether	ND		ug/L	1.00	1	11/11/07 09:07	SW846 8260B	7111562
Methyl tert-Butyl Ether	1.25		ug/L	1.00	1	11/11/07 09:07	SW846 8260B	7111562
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/11/07 09:07	SW846 8260B	7111562
Surr: 1,2-Dichloroethane-d4 (60-140%)	91 %					11/11/07 09:07	SW846 8260B	7111562
Surr: Dibromofluoromethane (75-124%)	98 %					11/11/07 09:07	SW846 8260B	7111562
Surr: Toluene-d8 (78-121%)	97 %					11/11/07 09:07	SW846 8260B	7111562
Surr: 4-Bromofluorobenzene (79-124%)	99 %					11/11/07 09:07	SW846 8260B	7111562

Polyaromatic Hydrocarbons by EPA 8270C

Acenaphthene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Acenaphthylene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Anthracene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Benzo (a) anthracene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0770-03 (MW-10 - Water) - cont. Sampled: 11/06/07 10:29								
Polyaromatic Hydrocarbons by EPA 8270C - cont.								
Benzo (a) pyrene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Benzo (b) fluoranthene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Benzo (g,h,i) perylene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Benzo (k) fluoranthene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Chrysene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Dibenz (a,h) anthracene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Fluoranthene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Fluorene	20.1		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Naphthalene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Phenanthrene	20.2		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Pyrene	ND		ug/L	2.02	1	11/11/07 12:43	SW846 8270C	7111289
Surr: Terphenyl-d14 (21-123%)	22 %					11/11/07 12:43	SW846 8270C	7111289
Surr: 2-Fluorobiphenyl (34-108%)	59 %					11/11/07 12:43	SW846 8270C	7111289
Surr: Nitrobenzene-d5 (29-116%)	90 %					11/11/07 12:43	SW846 8270C	7111289
Sample ID: NQK0770-04 (MW-24 - Water) Sampled: 11/06/07 12:25								
Dissolved Metals by EPA Method 6010B								
Arsenic	0.0214		mg/L	0.0100	1	11/08/07 11:48	SW846 6010B	7111312
Barium	0.0355		mg/L	0.0100	1	11/08/07 11:48	SW846 6010B	7111312
Cadmium	0.00320		mg/L	0.00100	1	11/08/07 11:48	SW846 6010B	7111312
Chromium	0.00500		mg/L	0.00500	1	11/08/07 11:48	SW846 6010B	7111312
Lead	ND		mg/L	0.00500	1	11/08/07 11:48	SW846 6010B	7111312
Selenium	ND		mg/L	0.0100	1	11/08/07 11:48	SW846 6010B	7111312
Silver	ND		mg/L	0.00500	1	11/08/07 11:48	SW846 6010B	7111312
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:57	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	67.9		ug/L	1.00	1	11/10/07 09:58	SW846 8021B	7111531
Ethylbenzene	88.1		ug/L	1.00	1	11/10/07 09:58	SW846 8021B	7111531
Toluene	ND		ug/L	1.00	1	11/10/07 09:58	SW846 8021B	7111531
Xylenes, total	5.89		ug/L	3.00	1	11/10/07 09:58	SW846 8021B	7111531
Surr: a,a,a-Trifluorotoluene (46-150%)	130 %					11/10/07 09:58	SW846 8021B	7111531
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/14/07 11:40	SW846 8260B	7111575
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/14/07 11:40	SW846 8260B	7111575
Diisopropyl Ether	ND		ug/L	1.00	1	11/14/07 11:40	SW846 8260B	7111575
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/14/07 11:40	SW846 8260B	7111575
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/14/07 11:40	SW846 8260B	7111575
Surr: 1,2-Dichloroethane-d4 (60-140%)	94 %					11/14/07 11:40	SW846 8260B	7111575
Surr: Dibromofluoromethane (75-124%)	100 %					11/14/07 11:40	SW846 8260B	7111575
Surr: Toluene-d8 (78-121%)	96 %					11/14/07 11:40	SW846 8260B	7111575
Surr: 4-Bromofluorobenzene (79-124%)	99 %					11/14/07 11:40	SW846 8260B	7111575

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0770-04 (MW-24 - Water) - cont. Sampled: 11/06/07 12:25								
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Acenaphthylene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Anthracene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Benzo (a) anthracene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Benzo (a) pyrene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Benzo (b) fluoranthene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Benzo (g,h,i) perylene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Benzo (k) fluoranthene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Chrysene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Dibenz (a,h) anthracene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Fluoranthene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Fluorene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Naphthalene	25.3		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Phenanthrene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Pyrene	ND		ug/L	2.22	1	11/11/07 13:07	SW846 8270C	7111289
Surr: Terphenyl-d14 (21-123%)	19 %	ZX				11/11/07 13:07	SW846 8270C	7111289
Surr: 2-Fluorobiphenyl (34-108%)	53 %					11/11/07 13:07	SW846 8270C	7111289
Surr: Nitrobenzene-d5 (29-116%)	72 %					11/11/07 13:07	SW846 8270C	7111289

Sample ID: NQK0770-05 (MW-23 - Water) Sampled: 11/06/07 12:10

Dissolved Metals by EPA Method 6010B								
Arsenic	ND		mg/L	0.0100	1	11/08/07 11:53	SW846 6010B	7111312
Barium	0.0481		mg/L	0.0100	1	11/08/07 11:53	SW846 6010B	7111312
Cadmium	0.00270		mg/L	0.00100	1	11/08/07 11:53	SW846 6010B	7111312
Chromium	ND		mg/L	0.00500	1	11/08/07 11:53	SW846 6010B	7111312
Lead	ND		mg/L	0.00500	1	11/08/07 11:53	SW846 6010B	7111312
Selenium	0.0148		mg/L	0.0100	1	11/08/07 11:53	SW846 6010B	7111312
Silver	ND		mg/L	0.00500	1	11/08/07 11:53	SW846 6010B	7111312
Dissolved Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	11/09/07 11:59	SW846 7470A	7111343
Volatile Organic Compounds by EPA Method 8021B								
Benzene	5.75		ug/L	1.00	1	11/10/07 10:23	SW846 8021B	7111531
Ethylbenzene	7.50		ug/L	1.00	1	11/10/07 10:23	SW846 8021B	7111531
Toluene	ND		ug/L	1.00	1	11/10/07 10:23	SW846 8021B	7111531
Xylenes, total	4.63		ug/L	3.00	1	11/10/07 10:23	SW846 8021B	7111531
Surr: a,a,a-Trifluorotoluene (46-150%)	107 %					11/10/07 10:23	SW846 8021B	7111531
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	1.00	1	11/14/07 12:09	SW846 8260B	7111575
Ethyl tert-Butyl Ether	ND		ug/L	1.00	1	11/14/07 12:09	SW846 8260B	7111575
Diisopropyl Ether	ND		ug/L	1.00	1	11/14/07 12:09	SW846 8260B	7111575
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	11/14/07 12:09	SW846 8260B	7111575

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date /Time	Method	Batch
Sample ID: NQK0770-05 (MW-23 - Water) - cont. Sampled: 11/06/07 12:10								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	ND		ug/L	20.0	1	11/14/07 12:09	SW846 8260B	7111575
Surr: 1,2-Dichloroethane-d4 (60-140%)	94 %					11/14/07 12:09	SW846 8260B	7111575
Surr: Dibromofluoromethane (75-124%)	98 %					11/14/07 12:09	SW846 8260B	7111575
Surr: Toluene-d8 (78-121%)	96 %					11/14/07 12:09	SW846 8260B	7111575
Surr: 4-Bromofluorobenzene (79-124%)	100 %					11/14/07 12:09	SW846 8260B	7111575
Polyaromatic Hydrocarbons by EPA 8270C								
Acenaphthene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Acenaphthylene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Anthracene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Benzo (a) anthracene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Benzo (a) pyrene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Benzo (b) fluoranthene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Benzo (g,h,i) perylene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Benzo (k) fluoranthene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Benzo (a,h) anthracene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Fluoranthene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Fluorene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Indeno (1,2,3-cd) pyrene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Naphthalene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Phenanthrene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Pyrene	ND		ug/L	2.13	1	11/11/07 13:30	SW846 8270C	7111289
Surr: Terphenyl-d14 (21-123%)	22 %					11/11/07 13:30	SW846 8270C	7111289
Surr: 2-Fluorobiphenyl (34-108%)	62 %					11/11/07 13:30	SW846 8270C	7111289
Surr: Nitrobenzene-d5 (29-116%)	71 %					11/11/07 13:30	SW846 8270C	7111289
Sample ID: NQK0770-06 (TRIP BLANK - Water) Sampled: 11/06/07 00:01								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	11/10/07 03:55	SW846 8021B	7111531
Ethylbenzene	ND		ug/L	1.00	1	11/10/07 03:55	SW846 8021B	7111531
Toluene	ND		ug/L	1.00	1	11/10/07 03:55	SW846 8021B	7111531
Xylenes, total	ND		ug/L	3.00	1	11/10/07 03:55	SW846 8021B	7111531
Surr: a,a,a-Trifluorotoluene (46-150%)	106 %					11/10/07 03:55	SW846 8021B	7111531

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Mercury by EPA Methods 7470A/7471A							
SW846 7470A	7111343	NQK0770-01	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0770-02	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0770-03	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0770-04	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
SW846 7470A	7111343	NQK0770-05	30.00	30.00	11/08/07 08:25	JMR	EPA 7470
Dissolved Metals by EPA Method 6010B							
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-01	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-02	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-03	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-04	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
SW846 6010B	7111312	NQK0770-05	50.00	50.00	11/08/07 07:45	AMB	EPA 3010A / 6010 D
Polyaromatic Hydrocarbons by EPA 8270C							
SW846 8270C	7111289	NQK0770-01	970.00	1.00	11/08/07 08:10	LRW	EPA 3510C
SW846 8270C	7111289	NQK0770-02	1000.00	1.00	11/08/07 08:10	LRW	EPA 3510C

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8270C	7111289	NQK0770-03	990.00	1.00	11/08/07 08:10	LRW	EPA 3510C
SW846 8270C	7111289	NQK0770-04	900.00	1.00	11/08/07 08:10	LRW	EPA 3510C
SW846 8270C	7111289	NQK0770-05	940.00	1.00	11/08/07 08:10	LRW	EPA 3510C

Client H2A Environmental Ltd / Shell (14016)
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Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Dissolved Metals by EPA Method 6010B						
7111312-BLK1						
Arsenic	<0.00500		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Barium	<0.00500		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Cadmium	<0.000800		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Chromium	<0.00200		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Lead	<0.00300		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Selenium	<0.00500		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Silver	<0.00200		mg/L	7111312	7111312-BLK1	11/08/07 10:27
Dissolved Mercury by EPA Methods 7470A/7471A						
7111343-BLK1						
Mercury	<0.000100		mg/L	7111343	7111343-BLK1	11/09/07 11:04
Volatile Organic Compounds by EPA Method 8021B						
7111531-BLK1						
Benzene	<0.440		ug/L	7111531	7111531-BLK1	11/10/07 03:06
Ethylbenzene	<0.410		ug/L	7111531	7111531-BLK1	11/10/07 03:06
Toluene	<0.500		ug/L	7111531	7111531-BLK1	11/10/07 03:06
Xylenes, total	<1.23		ug/L	7111531	7111531-BLK1	11/10/07 03:06
Surrogate: <i>a,a,a</i> -Trifluorotoluene	110%			7111531	7111531-BLK1	11/10/07 03:06
7111531-BLK2						
Benzene	<0.440		ug/L	7111531	7111531-BLK2	11/10/07 07:57
Ethylbenzene	<0.410		ug/L	7111531	7111531-BLK2	11/10/07 07:57
Toluene	<0.500		ug/L	7111531	7111531-BLK2	11/10/07 07:57
Xylenes, total	<1.23		ug/L	7111531	7111531-BLK2	11/10/07 07:57
Surrogate: <i>a,a,a</i> -Trifluorotoluene	105%			7111531	7111531-BLK2	11/10/07 07:57
Volatile Organic Compounds by EPA Method 8260B						
7111562-BLK1						
Tert-Amyl Methyl Ether	<0.450		ug/L	7111562	7111562-BLK1	11/11/07 00:02
Ethyl tert-Butyl Ether	<0.330		ug/L	7111562	7111562-BLK1	11/11/07 00:02
Diisopropyl Ether	<0.500		ug/L	7111562	7111562-BLK1	11/11/07 00:02
Methyl tert-Butyl Ether	<0.420		ug/L	7111562	7111562-BLK1	11/11/07 00:02
Tertiary Butyl Alcohol	<6.40		ug/L	7111562	7111562-BLK1	11/11/07 00:02
Surrogate: <i>1,2</i> -Dichloroethane- <i>d</i> 4	88%			7111562	7111562-BLK1	11/11/07 00:02
Surrogate: Dibromofluoromethane	97%			7111562	7111562-BLK1	11/11/07 00:02
Surrogate: Toluene- <i>d</i> 8	98%			7111562	7111562-BLK1	11/11/07 00:02
Surrogate: 4-Bromofluorobenzene	97%			7111562	7111562-BLK1	11/11/07 00:02
7111575-BLK1						
Tert-Amyl Methyl Ether	<0.450		ug/L	7111575	7111575-BLK1	11/14/07 09:45
Ethyl tert-Butyl Ether	<0.330		ug/L	7111575	7111575-BLK1	11/14/07 09:45

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7111575-BLK1						
Diisopropyl Ether	<0.500		ug/L	7111575	7111575-BLK1	11/14/07 09:45
Methyl tert-Butyl Ether	<0.420		ug/L	7111575	7111575-BLK1	11/14/07 09:45
Tertiary Butyl Alcohol	<6.40		ug/L	7111575	7111575-BLK1	11/14/07 09:45
Surrogate: 1,2-Dichloroethane-d4	92%			7111575	7111575-BLK1	11/14/07 09:45
Surrogate: Dibromofluoromethane	99%			7111575	7111575-BLK1	11/14/07 09:45
Surrogate: Toluene-d8	99%			7111575	7111575-BLK1	11/14/07 09:45
Surrogate: 4-Bromofluorobenzene	97%			7111575	7111575-BLK1	11/14/07 09:45

Polyaromatic Hydrocarbons by EPA 8270C

7111289-BLK1						
Acenaphthene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Acenaphthylene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Anthracene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Benzo (a) anthracene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Benzo (a) pyrene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Benzo (b) fluoranthene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Benzo (g,h,i) perylene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Benzo (k) fluoranthene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Chrysene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Dibenz (a,h) anthracene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Fluoranthene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Fluorene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Naphthalene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Phenanthrene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Pyrene	<1.00		ug/L	7111289	7111289-BLK1	11/11/07 11:09
Surrogate: Terphenyl-d14	77%			7111289	7111289-BLK1	11/11/07 11:09
Surrogate: 2-Fluorobiphenyl	78%			7111289	7111289-BLK1	11/11/07 11:09
Surrogate: Nitrobenzene-d5	80%			7111289	7111289-BLK1	11/11/07 11:09

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Dissolved Metals by EPA Method 6010B								
7111312-BS1								
Arsenic	0.0500	0.0504		mg/L	101%	80 - 120	7111312	11/08/07 10:32
Barium	2.00	2.22		mg/L	111%	80 - 120	7111312	11/08/07 10:32
Cadmium	0.0500	0.0540		mg/L	108%	80 - 120	7111312	11/08/07 10:32
Chromium	0.200	0.215		mg/L	108%	80 - 120	7111312	11/08/07 10:32
Lead	0.0500	0.0517		mg/L	103%	80 - 120	7111312	11/08/07 10:32
Selenium	0.0500	0.0545		mg/L	109%	80 - 120	7111312	11/08/07 10:32
Silver	0.0500	0.0525		mg/L	105%	80 - 120	7111312	11/08/07 10:32
Dissolved Mercury by EPA Methods 7470A/7471A								
7111343-BS1								
Mercury	0.00100	0.00109		mg/L	109%	78 - 124	7111343	11/09/07 11:06
Volatile Organic Compounds by EPA Method 8021B								
7111531-BS1								
Benzene	100	98.1		ug/L	98%	77 - 120	7111531	11/10/07 12:24
Ethylbenzene	100	98.0		ug/L	98%	77 - 120	7111531	11/10/07 12:24
Toluene	100	94.8		ug/L	95%	74 - 120	7111531	11/10/07 12:24
Xylenes, total	200	192		ug/L	96%	72 - 120	7111531	11/10/07 12:24
Surrogate: <i>a,a,a</i> -Trifluorotoluene	30.0	33.5			112%	63 - 134	7111531	11/10/07 12:24
Volatile Organic Compounds by EPA Method 8260B								
7111562-BS1								
Tert-Amyl Methyl Ether	50.0	50.0		ug/L	100%	76 - 129	7111562	11/10/07 22:36
Ethyl tert-Butyl Ether	50.0	49.1		ug/L	98%	74 - 128	7111562	11/10/07 22:36
Diisopropyl Ether	50.0	46.7		ug/L	93%	69 - 129	7111562	11/10/07 22:36
Methyl tert-Butyl Ether	50.0	47.7		ug/L	95%	70 - 129	7111562	11/10/07 22:36
Tertiary Butyl Alcohol	500	538		ug/L	108%	39 - 150	7111562	11/10/07 22:36
Surrogate: <i>1,2</i> -Dichloroethane- <i>d</i> ₄	50.0	44.6			89%	60 - 140	7111562	11/10/07 22:36
Surrogate: Dibromofluoromethane	50.0	48.6			97%	75 - 124	7111562	11/10/07 22:36
Surrogate: Toluene- <i>d</i> ₈	50.0	47.9			96%	78 - 121	7111562	11/10/07 22:36
Surrogate: 4-Bromofluorobenzene	50.0	48.4			97%	79 - 124	7111562	11/10/07 22:36
7111575-BS1								
Tert-Amyl Methyl Ether	50.0	48.6		ug/L	97%	76 - 129	7111575	11/14/07 08:19
Ethyl tert-Butyl Ether	50.0	48.4		ug/L	97%	74 - 128	7111575	11/14/07 08:19
Diisopropyl Ether	50.0	46.6		ug/L	93%	69 - 129	7111575	11/14/07 08:19
Methyl tert-Butyl Ether	50.0	47.3		ug/L	95%	70 - 129	7111575	11/14/07 08:19
Tertiary Butyl Alcohol	500	469		ug/L	94%	39 - 150	7111575	11/14/07 08:19
Surrogate: <i>1,2</i> -Dichloroethane- <i>d</i> ₄	50.0	50.6			101%	60 - 140	7111575	11/14/07 08:19
Surrogate: Dibromofluoromethane	50.0	49.4			99%	75 - 124	7111575	11/14/07 08:19
Surrogate: Toluene- <i>d</i> ₈	50.0	47.8			96%	78 - 121	7111575	11/14/07 08:19
Surrogate: 4-Bromofluorobenzene	50.0	48.2			96%	79 - 124	7111575	11/14/07 08:19

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/ Time
Volatile Organic Compounds by EPA Method 8260B								
Polyaromatic Hydrocarbons by EPA 8270C								
7111289-BS1								
Accenaphthene	50.0	45.2		ug/L	90%	49 - 107	7111289	11/11/07 11:33
Acenaphthylene	50.0	47.0		ug/L	94%	50 - 108	7111289	11/11/07 11:33
Anthracene	50.0	50.6		ug/L	101%	45 - 133	7111289	11/11/07 11:33
Benzo (a) anthracene	50.0	48.5		ug/L	97%	53 - 118	7111289	11/11/07 11:33
Benzo (a) pyrene	50.0	51.8		ug/L	104%	35 - 138	7111289	11/11/07 11:33
Benzo (b) fluoranthene	50.0	44.0		ug/L	88%	50 - 122	7111289	11/11/07 11:33
Benzo (g,h,i) perylene	50.0	51.8		ug/L	104%	47 - 123	7111289	11/11/07 11:33
Benzo (k) fluoranthene	50.0	51.5		ug/L	103%	46 - 125	7111289	11/11/07 11:33
Chrysene	50.0	45.9		ug/L	92%	53 - 116	7111289	11/11/07 11:33
Dibenz (a,h) anthracene	50.0	53.4		ug/L	107%	50 - 124	7111289	11/11/07 11:33
Fluoranthene	50.0	50.8		ug/L	102%	55 - 120	7111289	11/11/07 11:33
Pyrene	50.0	46.3		ug/L	93%	53 - 113	7111289	11/11/07 11:33
Indeno (1,2,3-cd) pyrene	50.0	52.0		ug/L	104%	50 - 123	7111289	11/11/07 11:33
Naphthalene	50.0	42.9		ug/L	86%	39 - 150	7111289	11/11/07 11:33
Phenanthrene	50.0	48.0		ug/L	96%	53 - 116	7111289	11/11/07 11:33
Pyrene	50.0	45.9		ug/L	92%	53 - 123	7111289	11/11/07 11:33
Surrogate: Terphenyl-d14	50.0	35.3			71%	21 - 123	7111289	11/11/07 11:33
Surrogate: 2-Fluorobiphenyl	50.0	39.2			78%	34 - 108	7111289	11/11/07 11:33
Surrogate: Nitrobenzene-d5	50.0	43.0			86%	29 - 116	7111289	11/11/07 11:33

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7111531-BSD1												
Benzene		100		ug/L	100	100%	77 - 120	2	33	7111531		11/10/07 12:48
Ethylbenzene		100		ug/L	100	100%	77 - 120	2	35	7111531		11/10/07 12:48
Toluene		96.7		ug/L	100	97%	74 - 120	2	30	7111531		11/10/07 12:48
Xylenes, total		197		ug/L	200	98%	72 - 120	2	35	7111531		11/10/07 12:48
Surrogate: <i>a,a,a</i> -Trifluorotoluene		33.8		ug/L	30.0	113%	63 - 134			7111531		11/10/07 12:48
Volatile Organic Compounds by EPA Method 8260B												
7111562-BSD1												
Tert-Amyl Methyl Ether		47.0		ug/L	50.0	94%	76 - 129	6	25	7111562		11/10/07 23:04
Ethyl tert-Butyl Ether		46.7		ug/L	50.0	93%	74 - 128	5	26	7111562		11/10/07 23:04
Diisopropyl Ether		45.7		ug/L	50.0	91%	69 - 129	2	23	7111562		11/10/07 23:04
Methyl tert-Butyl Ether		44.3		ug/L	50.0	89%	70 - 129	7	32	7111562		11/10/07 23:04
Tertiary Butyl Alcohol		465		ug/L	500	93%	39 - 150	15	50	7111562		11/10/07 23:04
Surrogate: <i>1,2</i> -Dichloroethane- <i>d4</i>		44.4		ug/L	50.0	89%	60 - 140			7111562		11/10/07 23:04
Surrogate: Dibromofluoromethane		49.1		ug/L	50.0	98%	75 - 124			7111562		11/10/07 23:04
Surrogate: Toluene- <i>d8</i>		49.0		ug/L	50.0	98%	78 - 121			7111562		11/10/07 23:04
Surrogate: 4-Bromofluorobenzene		47.6		ug/L	50.0	95%	79 - 124			7111562		11/10/07 23:04
7111575-BSD1												
Tert-Amyl Methyl Ether		52.1		ug/L	50.0	104%	76 - 129	7	25	7111575		11/14/07 08:48
Ethyl tert-Butyl Ether		52.6		ug/L	50.0	105%	74 - 128	8	26	7111575		11/14/07 08:48
Diisopropyl Ether		50.6		ug/L	50.0	101%	69 - 129	8	23	7111575		11/14/07 08:48
Methyl tert-Butyl Ether		51.5		ug/L	50.0	103%	70 - 129	9	32	7111575		11/14/07 08:48
Tertiary Butyl Alcohol		525		ug/L	500	105%	39 - 150	11	50	7111575		11/14/07 08:48
Surrogate: <i>1,2</i> -Dichloroethane- <i>d4</i>		50.0		ug/L	50.0	100%	60 - 140			7111575		11/14/07 08:48
Surrogate: Dibromofluoromethane		51.3		ug/L	50.0	103%	75 - 124			7111575		11/14/07 08:48
Surrogate: Toluene- <i>d8</i>		48.1		ug/L	50.0	96%	78 - 121			7111575		11/14/07 08:48
Surrogate: 4-Bromofluorobenzene		48.4		ug/L	50.0	97%	79 - 124			7111575		11/14/07 08:48

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/ Time
Dissolved Metals by EPA Method 6010B										
7111312-MS1										
Arsenic	0.0142	0.0680		mg/L	0.0500	108%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Barium	0.0273	2.23		mg/L	2.00	110%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Cadmium	0.00340	0.0565		mg/L	0.0500	106%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Chromium	0.00600	0.215		mg/L	0.200	105%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Lead	ND	0.0525		mg/L	0.0500	105%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Selenium	0.0326	0.0975	M1	mg/L	0.0500	130%	75 - 125	7111312	NQK0552-07	11/08/07 10:41
Silver	0.00310	0.0597		mg/L	0.0500	113%	75 - 125	7111312	NQK0552-07	11/08/07 10:41

Dissolved Mercury by EPA Methods 7470A/7471A

7111343-MS1

Mercury	ND	0.00108		mg/L	0.00100	108%	63 - 138	7111343	NQK0552-01	11/09/07 11:10
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Stable Organic Compounds by EPA Method 8021B

7111531-MS1

Benzene	2.44	57.0		ug/L	50.0	109%	50 - 158	7111531	NQK0413-01	11/10/07 13:12
Ethylbenzene	0.780	55.4		ug/L	50.0	109%	52 - 151	7111531	NQK0413-01	11/10/07 13:12
Toluene	1.28	53.4		ug/L	50.0	104%	57 - 147	7111531	NQK0413-01	11/10/07 13:12
Xylenes, total	4.91	111		ug/L	100	106%	52 - 143	7111531	NQK0413-01	11/10/07 13:12
Surrogate: <i>a,a,a</i> -Trifluorotoluene		33.8		ug/L	30.0	113%	63 - 134	7111531	NQK0413-01	11/10/07 13:12

Volatile Organic Compounds by EPA Method 8260B

7111575-MS1

Tert-Amyl Methyl Ether	ND	48.2		ug/L	50.0	96%	73 - 135	7111575	NQK1113-07	11/14/07 18:24
Ethyl tert-Butyl Ether	ND	49.4		ug/L	50.0	99%	73 - 136	7111575	NQK1113-07	11/14/07 18:24
Diisopropyl Ether	ND	48.2		ug/L	50.0	96%	69 - 132	7111575	NQK1113-07	11/14/07 18:24
Methyl tert-Butyl Ether	ND	49.6		ug/L	50.0	99%	60 - 144	7111575	NQK1113-07	11/14/07 18:24
Tertiary Butyl Alcohol	ND	612		ug/L	500	122%	31 - 200	7111575	NQK1113-07	11/14/07 18:24
Surrogate: <i>1,2</i> -Dichloroethane- <i>d4</i>		49.5		ug/L	50.0	99%	60 - 140	7111575	NQK1113-07	11/14/07 18:24
Surrogate: Dibromofluoromethane		49.1		ug/L	50.0	98%	75 - 124	7111575	NQK1113-07	11/14/07 18:24
Surrogate: Toluene- <i>d8</i>		48.2		ug/L	50.0	96%	78 - 121	7111575	NQK1113-07	11/14/07 18:24
Surrogate: 4-Bromofluorobenzene		47.6		ug/L	50.0	95%	79 - 124	7111575	NQK1113-07	11/14/07 18:24

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/ Time
Dissolved Metals by EPA Method 6010B												
7111312-MSD1												
Arsenic	0.0142	0.0678		mg/L	0.0500	107%	75 - 125	0.3	20	7111312	NQK0552-07	11/08/07 10:45
Barium	0.0273	2.22		mg/L	2.00	110%	75 - 125	0.5	20	7111312	NQK0552-07	11/08/07 10:45
Cadmium	0.00340	0.0574		mg/L	0.0500	108%	75 - 125	2	20	7111312	NQK0552-07	11/08/07 10:45
Chromium	0.00600	0.219		mg/L	0.200	106%	75 - 125	2	20	7111312	NQK0552-07	11/08/07 10:45
Lead	ND	0.0531		mg/L	0.0500	106%	75 - 125	1	20	7111312	NQK0552-07	11/08/07 10:45
Selenium	0.0326	0.0949		mg/L	0.0500	124%	75 - 125	3	20	7111312	NQK0552-07	11/08/07 10:45
Silver	0.00310	0.0606		mg/L	0.0500	115%	75 - 125	1	20	7111312	NQK0552-07	11/08/07 10:45

Dissolved Mercury by EPA Methods 7470A/7471A

7111343-MSD1

Mercury	ND	0.00108		mg/L	0.00100	108%	63 - 138	0	22	7111343	NQK0552-01	11/09/07 11:12
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Volatile Organic Compounds by EPA Method 8021B

7111531-MSD1

Benzene	2.44	51.3		ug/L	50.0	98%	50 - 158	11	33	7111531	NQK0413-01	11/10/07 13:36
Ethylbenzene	0.780	48.8		ug/L	50.0	96%	52 - 151	13	35	7111531	NQK0413-01	11/10/07 13:36
Toluene	1.28	47.7		ug/L	50.0	93%	57 - 147	11	30	7111531	NQK0413-01	11/10/07 13:36
Xylenes, total	4.91	97.6		ug/L	100	93%	52 - 143	12	35	7111531	NQK0413-01	11/10/07 13:36
Surrogate: <i>a,a,a</i> -Trifluorotoluene		33.1		ug/L	30.0	110%	63 - 134			7111531	NQK0413-01	11/10/07 13:36

Volatile Organic Compounds by EPA Method 8260B

7111575-MSD1

Tert-Amyl Methyl Ether	ND	52.0		ug/L	50.0	104%	73 - 135	7	25	7111575	NQK1113-07	11/14/07 18:53
Ethyl tert-Butyl Ether	ND	53.0		ug/L	50.0	106%	73 - 136	7	26	7111575	NQK1113-07	11/14/07 18:53
Diisopropyl Ether	ND	52.3		ug/L	50.0	105%	69 - 132	8	23	7111575	NQK1113-07	11/14/07 18:53
Methyl tert-Butyl Ether	ND	54.1		ug/L	50.0	108%	60 - 144	9	32	7111575	NQK1113-07	11/14/07 18:53
Tertiary Butyl Alcohol	ND	68.1		ug/L	500	136%	31 - 200	11	50	7111575	NQK1113-07	11/14/07 18:53
Surrogate: <i>1,2</i> -Dichloroethane- <i>d</i> 4		45.8		ug/L	50.0	92%	60 - 140			7111575	NQK1113-07	11/14/07 18:53
Surrogate: Dibromofluoromethane		50.7		ug/L	50.0	101%	75 - 124			7111575	NQK1113-07	11/14/07 18:53
Surrogate: Toluene- <i>d</i> 8		47.7		ug/L	50.0	95%	78 - 121			7111575	NQK1113-07	11/14/07 18:53
Surrogate: 4-Bromofluorobenzene		48.0		ug/L	50.0	96%	79 - 124			7111575	NQK1113-07	11/14/07 18:53

Client H2A Environmental Ltd / Shell (14016)
420 South 7th Street
Jal, NM 88252
Attn John Savoie

Work Order: NQK0770
Project Name: Jal, NM Basin Jal Pump Station
Project Number: SAP 7208037 /106.001
Received: 11/07/07 08:00

DATA QUALIFIERS AND DEFINITIONS

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
ZX Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

COOLER REC'D



NQK0770

Cooler Received/Opened On 11/7/07 @ 08:00

1. Tracking # 4669 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID A00466

2. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) W

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (initial) W

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) W

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) W

I certify that I attached a label with the unique LIMS number to each container (initial) W

21. Were there Non-Conformance Issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

LAB: NAK0770
11/21/07 23:59



SHELL Chain of Custody Record

NAME OF PERSON TO BILL: Ken Springer
☐ ENVIRONMENTAL SERVICES
☐ NETWORK DEV / FE
☐ COMPLIANCE
☐ BILL CONSULTANT
☐ RMT/CRMT

SAMPLING COMPANY:

H2A Environmental Ltd.

ADDRESS:

1862 Keller Parkway Keller Texas 76248

PROJECT CONTRACT (Inventory or PDF Report ID):

John Savoie

TELEPHONE:

1.882.593.0220

FAX:

1.882.593.0660

E-MAIL:

John Savoie

TAT (STD IS 10 BUSINESS DAYS / RUSH IS CALENDAR DAYS):

☐ STD ☐ 5 DAY ☐ 3 DAY ☐ 2 DAY ☐ 24 HOURS

☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWOCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES:

☐ EDD NOT NEEDED

☐ SHELL CONTRACT RATE APPLIES

☐ STATE REIMB RATE APPLIES

☐ RECEIPT VERIFICATION REQUESTED

☐ CHECK BOX TO VERIFY IF NO INCIDENT # APPLIES

P.O. #

2 miles south of Jal, NM

EDS DELIVERABLE TO (Name, Company, Other Location):

John Savoie/H2A Env., Jal NM

SAMPLER NAME(S) (Print):

John Savoie

PHONE NO.:

1.505.631.1836

E-MAIL:

John Savoie

LAB USE ONLY

106.001

CONSULTANT PROJECT NO.:

106.001

REQUESTED ANALYSIS

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

Field Filtered Metals

RCRA 8 ON METALS

TEMPERATURE ON RECEIPT C°

11.6-07

1500

11/6-07

1500

11/6-07

1500

11/6-07

1500

11/6-07

1500

11/6-07

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