GW - 350

MONITORING REPORTS

DATE: 3/31/2005

GW-350

ANNUAL 2004 GROUNDWATER MONITORING REPORT

JAL BASIN STATION
JAL, LEA COUNTY, NEW MEXICO

H_2A JOB NO. 106.001

Prepared for:

Shell Oil Products US
Shell Pipeline Company LP

Approved by:

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

March 2005

H2A
ENVIRONMENTAL, LTD.

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SOUTHLAKE, TX
76092
817.251.9466
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March 31, 2005

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

Re: 2004 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

H_2A Job No. 106.001

Dear Mr. Gonton:

Transmitted with this letter is the annual report for 2004, 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 2004 at Jal Basin Station.

If you have any questions concerning this information please feel free to contact me at (817) 251-9466 or email at mhawthorne@h2altd.com.

Respectfully,

for

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

Attachment

cc: Mr. Kenneth Springer, Shell Oil Products US
Chris Williams, OCD Hobbs

P:\Projects\Shell\Springer\Jal Diesel\Jal Diesel\2004 Annual Report\cover letter.doc

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FIGURES

TABLES

APPENDICES

INTRODUCTION

H_2A Environmental, Ltd. (H_2A) 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 March, June, September, and December 2004. 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, 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 2004 and analyzed for determination of BTEX concentrations. During the fourth quarter monitoring event samples were also analyzed for determination of metals and PAH concentrations.

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) were placed in 500 ml sterile plastic containers equipped with Teflon-lined caps and HNO_3 preservative, as provided by the analytical laboratory.

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

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 on March 17, June 26, September 29, and December 19, 2004. Groundwater contour maps illustrating groundwater elevations measured during each quarterly event are presented as FIG 2 through 5. Groundwater measurements are summarized in TABLE 1. Quarterly LNAPL thickness maps are presented as FIGs 6 through 9. FIG 10 summarizes groundwater elevations vs. product thicknesses through time.

GROUNDWATER MONITORING RESULTS

Laboratory results for groundwater samples obtained during the four quarterly monitoring events were determined to have the following ranges of concentrations:

PARAMETER	CONCENTRATION RANGE (mg/l)
Benzene	<0.001 to <0.005
BTEX	<0.001 to <0.005
PAH	<0.0002 to 0.0002
Metals	<0.0002 to 0.228

Constituent concentrations for each quarterly event are summarized 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. During 2003, the original LRP failed and was replaced. There are currently two LRPs in operation at the site. FIGs 11 and 12 summarize hydrocarbon recovery during 2004. The following table presents the volume and rate of groundwater and LNAPL recovered through December 31, 2004.

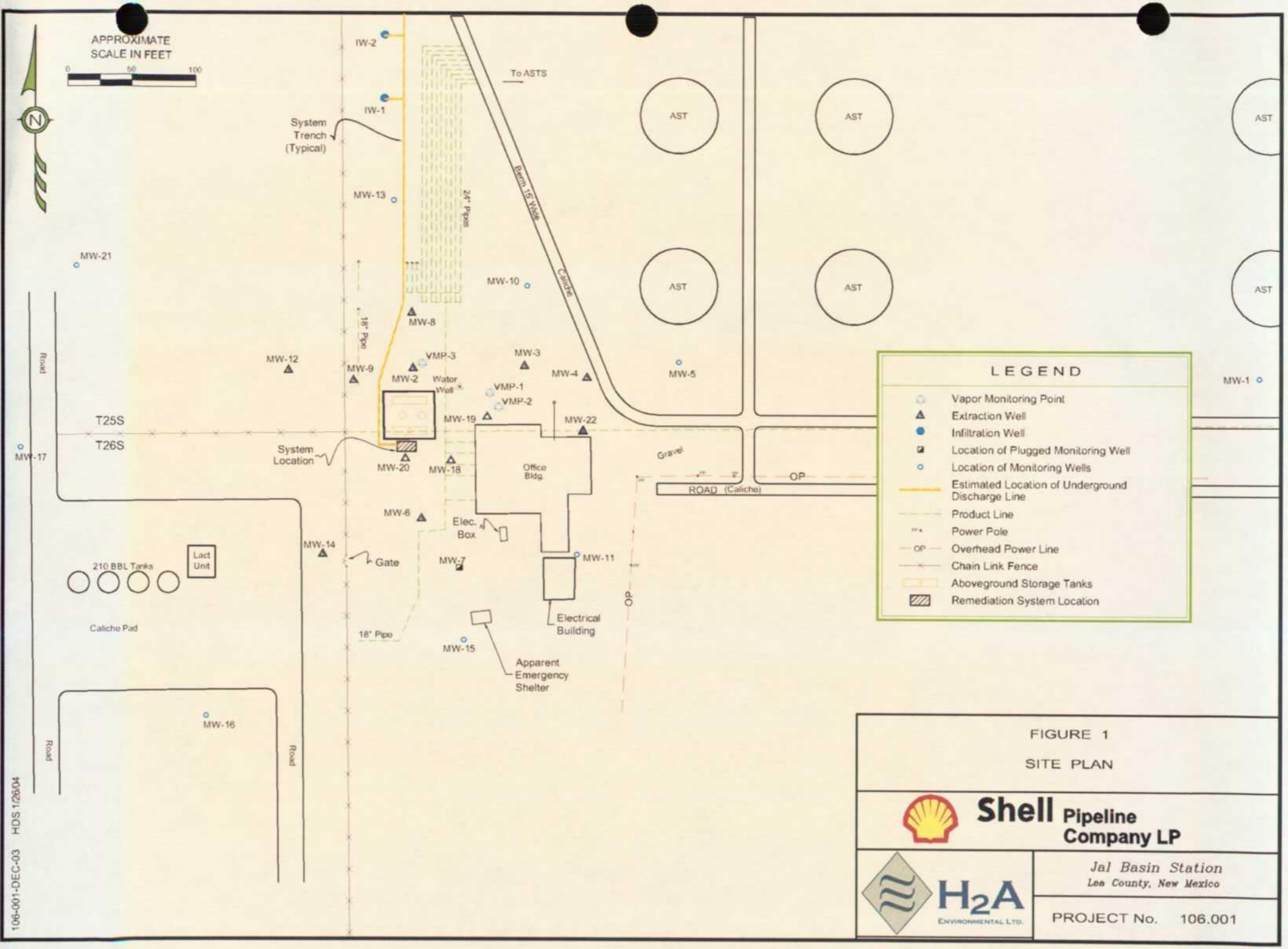
Parameter	Volume Recovered (LTD gallons)	Volume Recovered (2004 gallons)
Groundwater	2,617,491	760,865
LNAPL (diesel)	57,019	4994

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 Residual Management Team (RMT). Approximately 4,900 gallons of diesel were transported off-site during 2004. A copy of the disposal ticket is presented in APPENDIX B.

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.



106-001-DEC-03 HDS 1/26/04

FIGURE 1

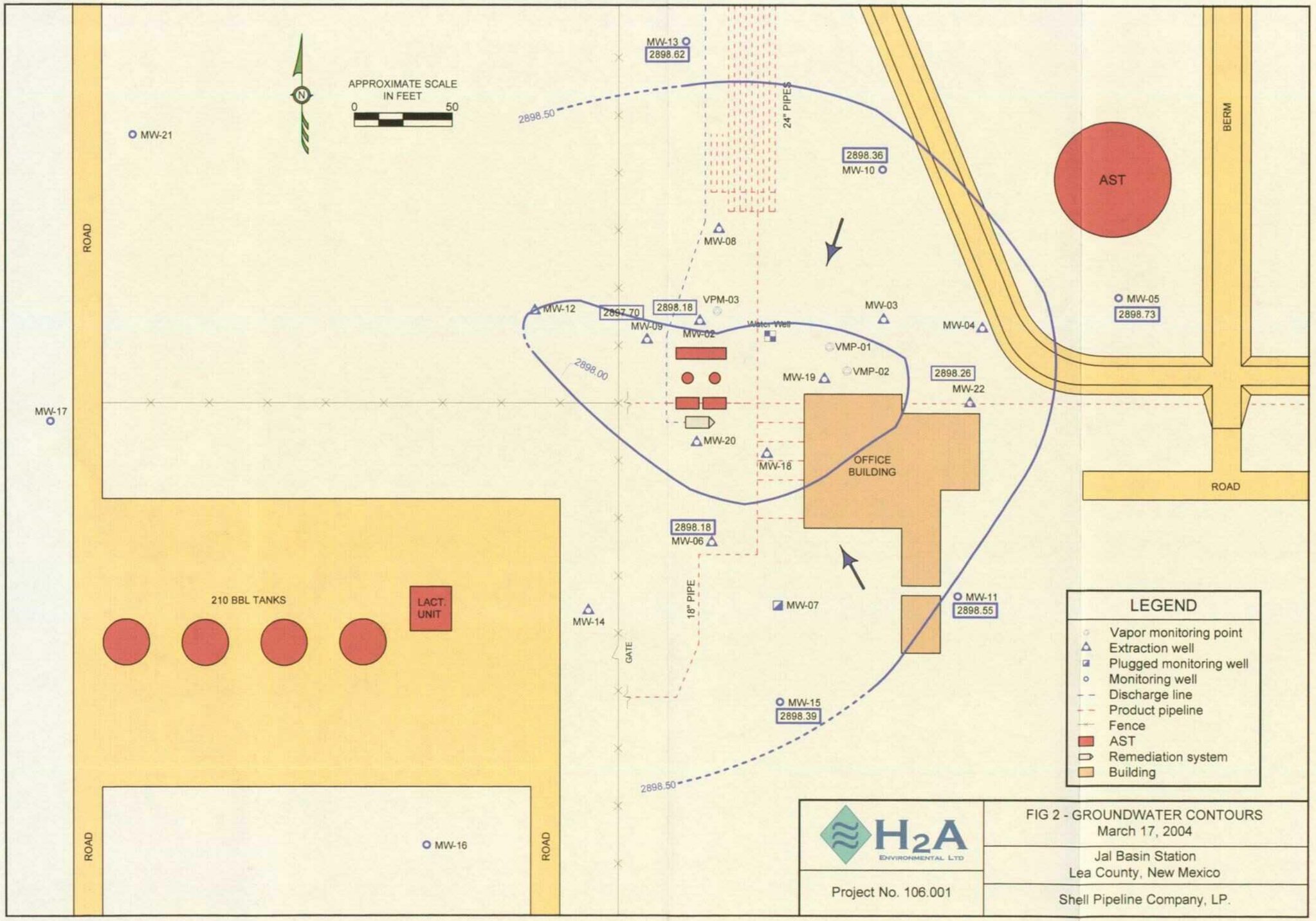
SITE PLAN

Shell Pipeline Company LP

H2A ENVIRONMENTAL LTD.

Jal Basin Station
Lea County, New Mexico

PROJECT No. 106.001



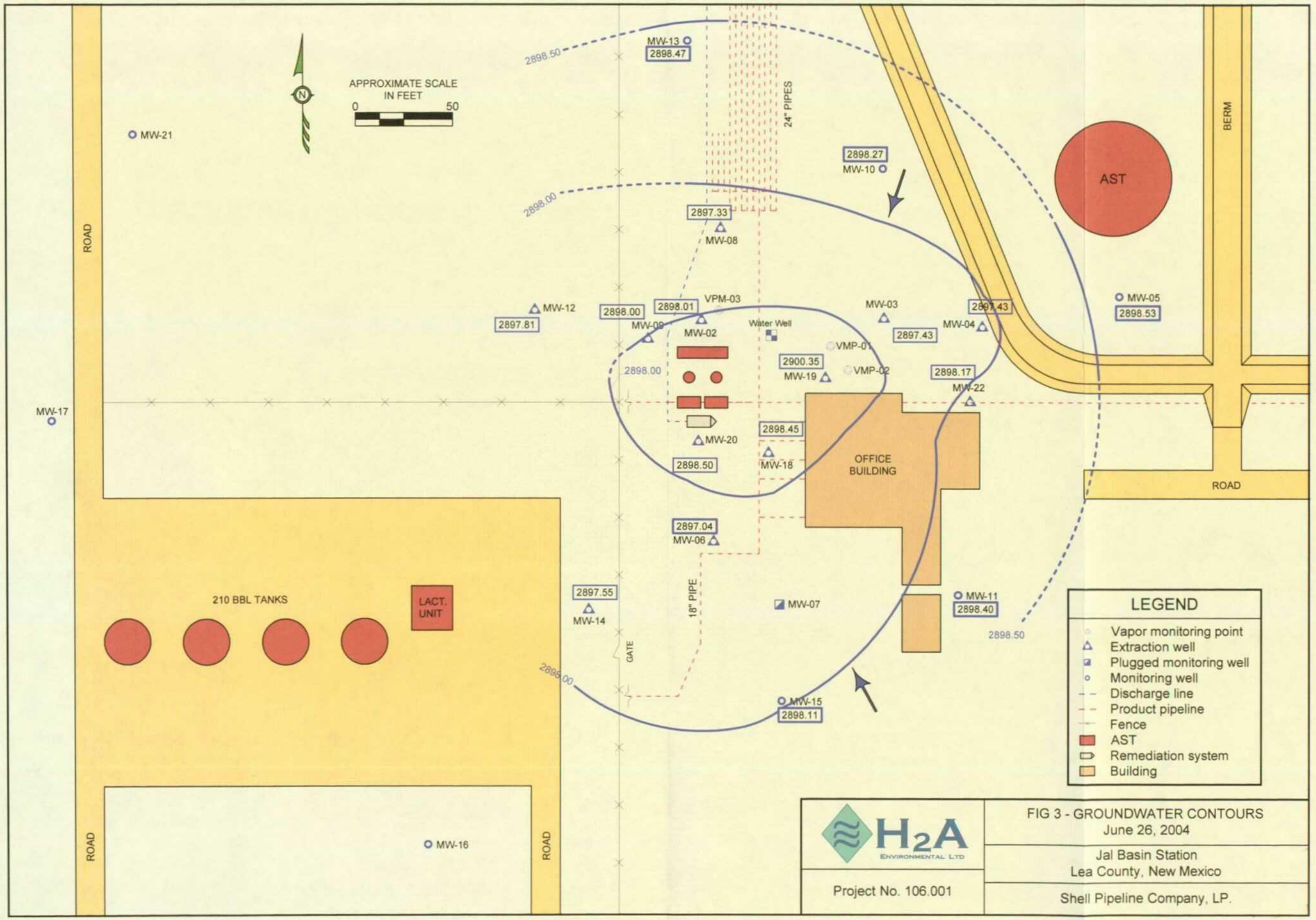
H2A Environmental Ltd

FIG 2 - GROUNDWATER CONTOURS
March 17, 2004

Jal Basin Station
Lea County, New Mexico

Project No. 106.001

Shell Pipeline Company, LP.



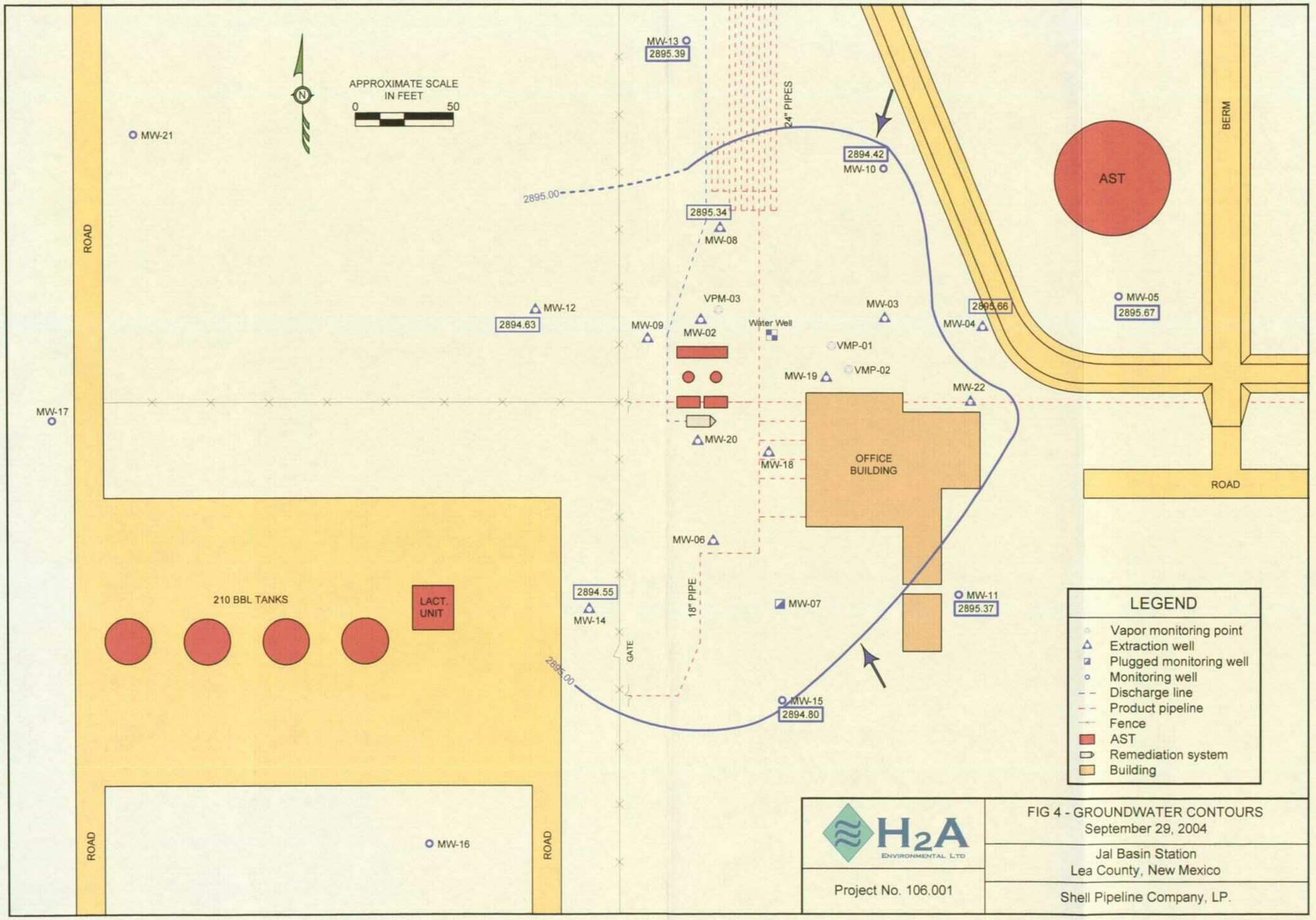
H2A ENVIRONMENTAL LTD

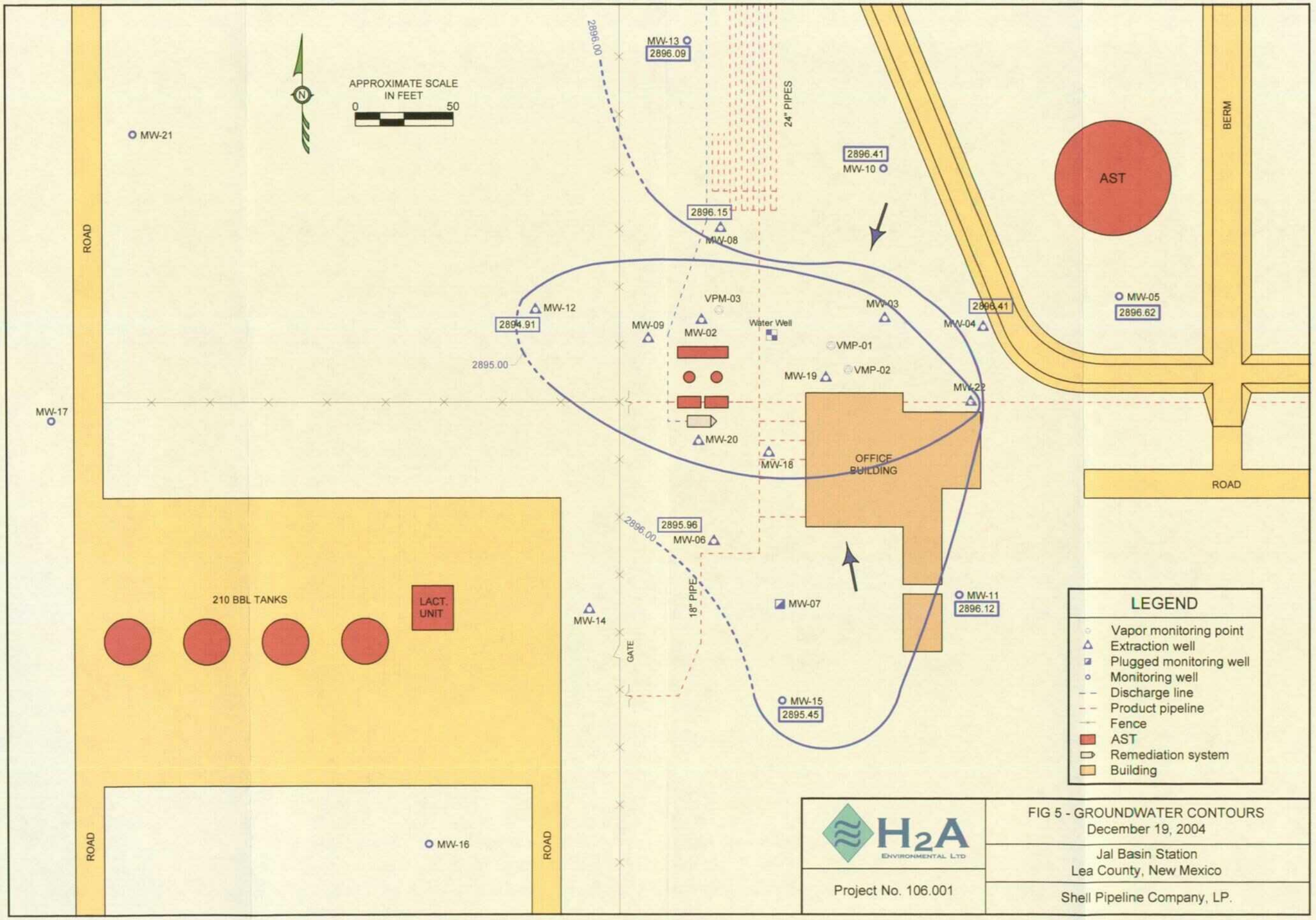
Project No. 106.001

FIG 3 - GROUNDWATER CONTOURS
June 26, 2004

Jal Basin Station
Lea County, New Mexico

Shell Pipeline Company, LP.


APPROXIMATE SCALE
IN FEET
0
50
MW-13
2895.39
MW-21
24" PIPES
2894.42
MW-10
2895.00
2895.34
MW-08
AST
BERM
MW-12
2894.63
VPM-03
MW-09
MW-02
Water Well
MW-03
2895.66
MW-04
MW-05
2895.67
VMP-01
VMP-02
MW-19
MW-22
MW-17
ROAD
MW-20
MW-18
OFFICE
BUILDING
ROAD
MW-06
210 BBL TANKS
LACT.
UNIT
2894.55
MW-14
18" PIPE
MW-07
MW-11
2895.37
GATE
2895.00
MW-15
2894.80
MW-16
ROAD
ROAD
LEGEND
Vapor monitoring point
Extraction well
Plugged monitoring well
Monitoring well
Discharge line
Product pipeline
Fence
AST
Remediation system
Building
H2A
ENVIRONMENTAL LTD
Project No. 106.001
FIG 4 - GROUNDWATER CONTOURS
September 29, 2004
Jal Basin Station
Lea County, New Mexico
Shell Pipeline Company, LP.



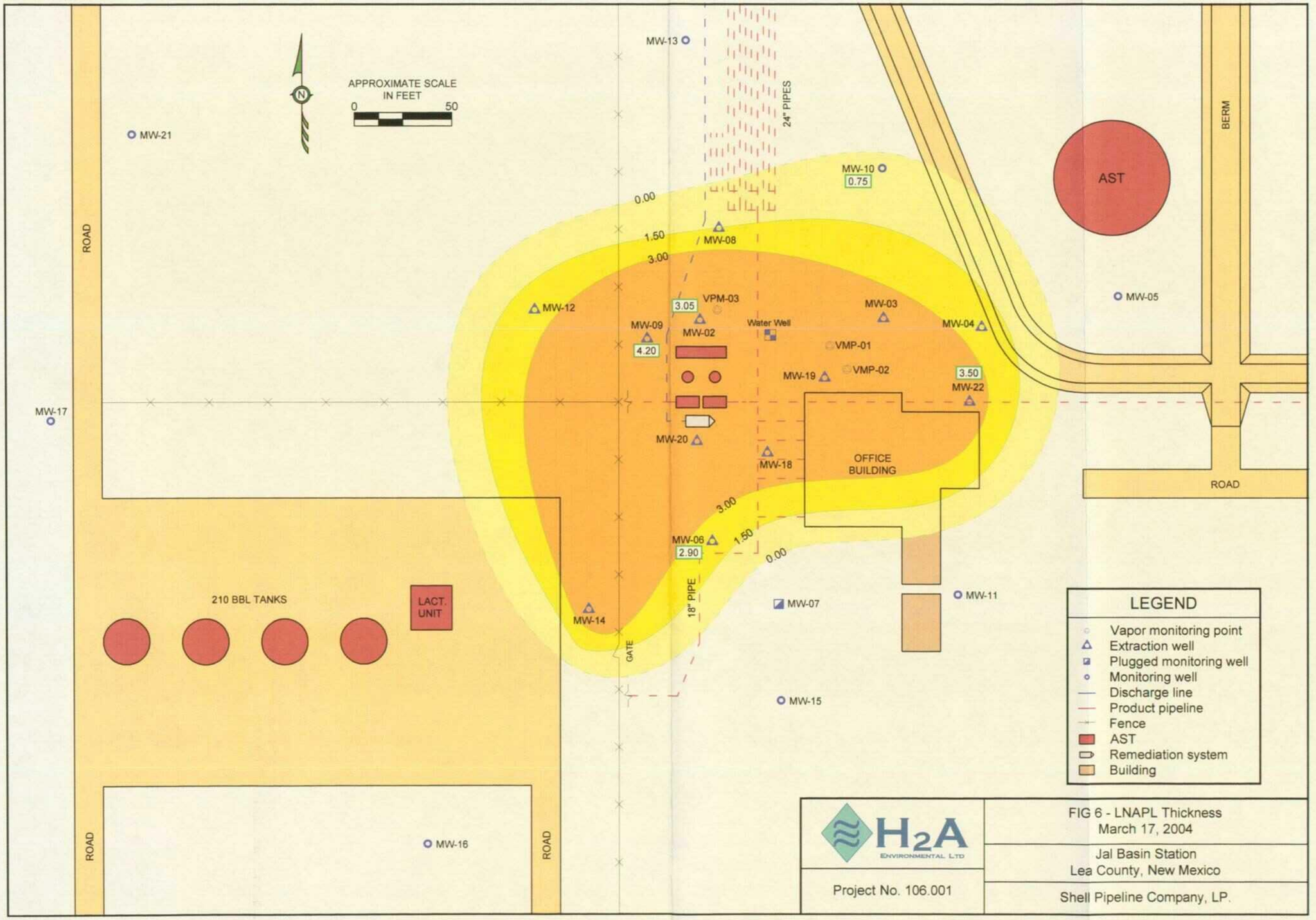
H2A ENVIRONMENTAL LTD

Project No. 106.001

FIG 5 - GROUNDWATER CONTOURS
December 19, 2004

Jal Basin Station
Lea County, New Mexico

Shell Pipeline Company, LP.



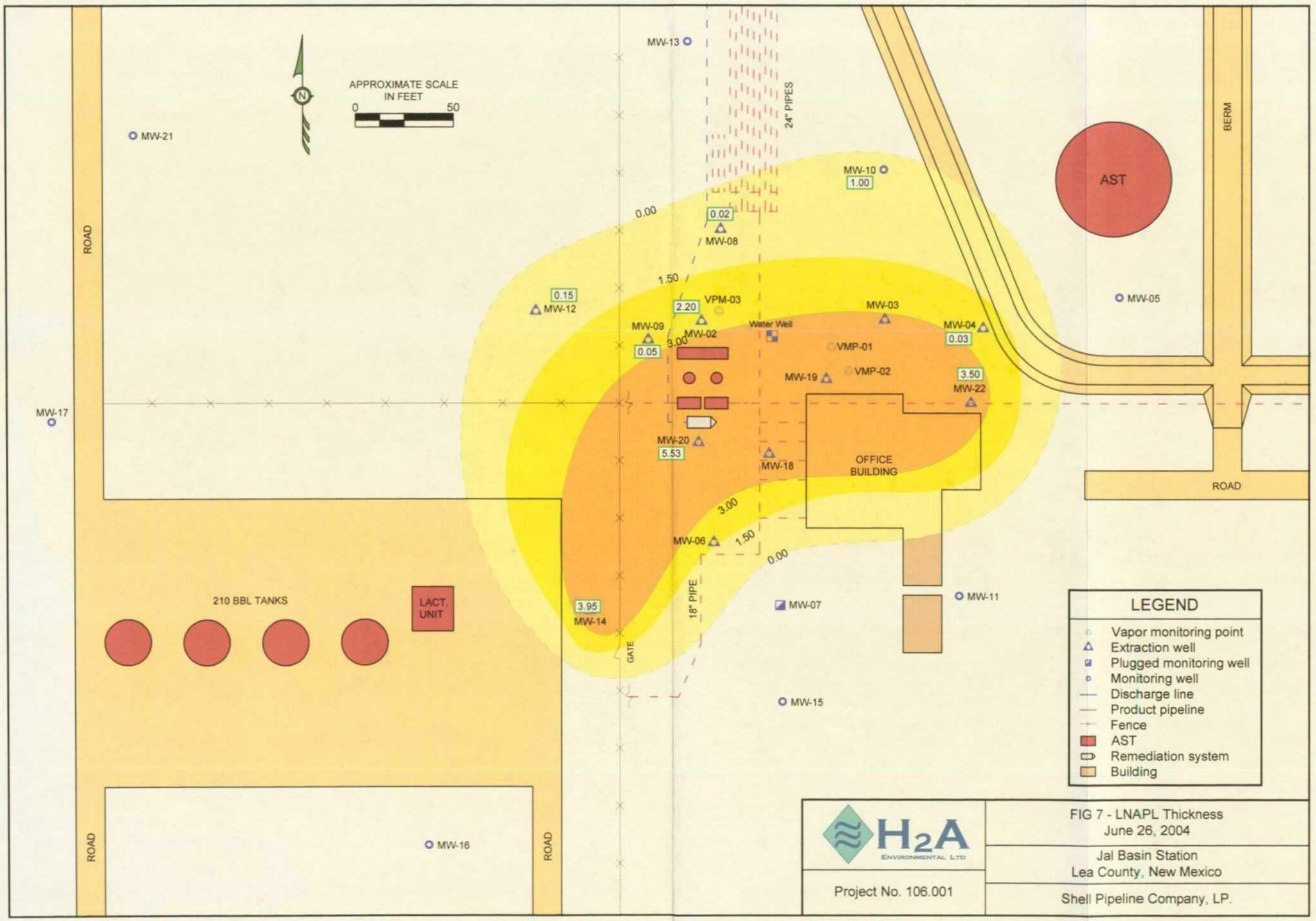
H2A ENVIRONMENTAL LTD

Project No. 106.001

FIG 6 - LNAPL Thickness
March 17, 2004

Jal Basin Station
Lea County, New Mexico

Shell Pipeline Company, LP.



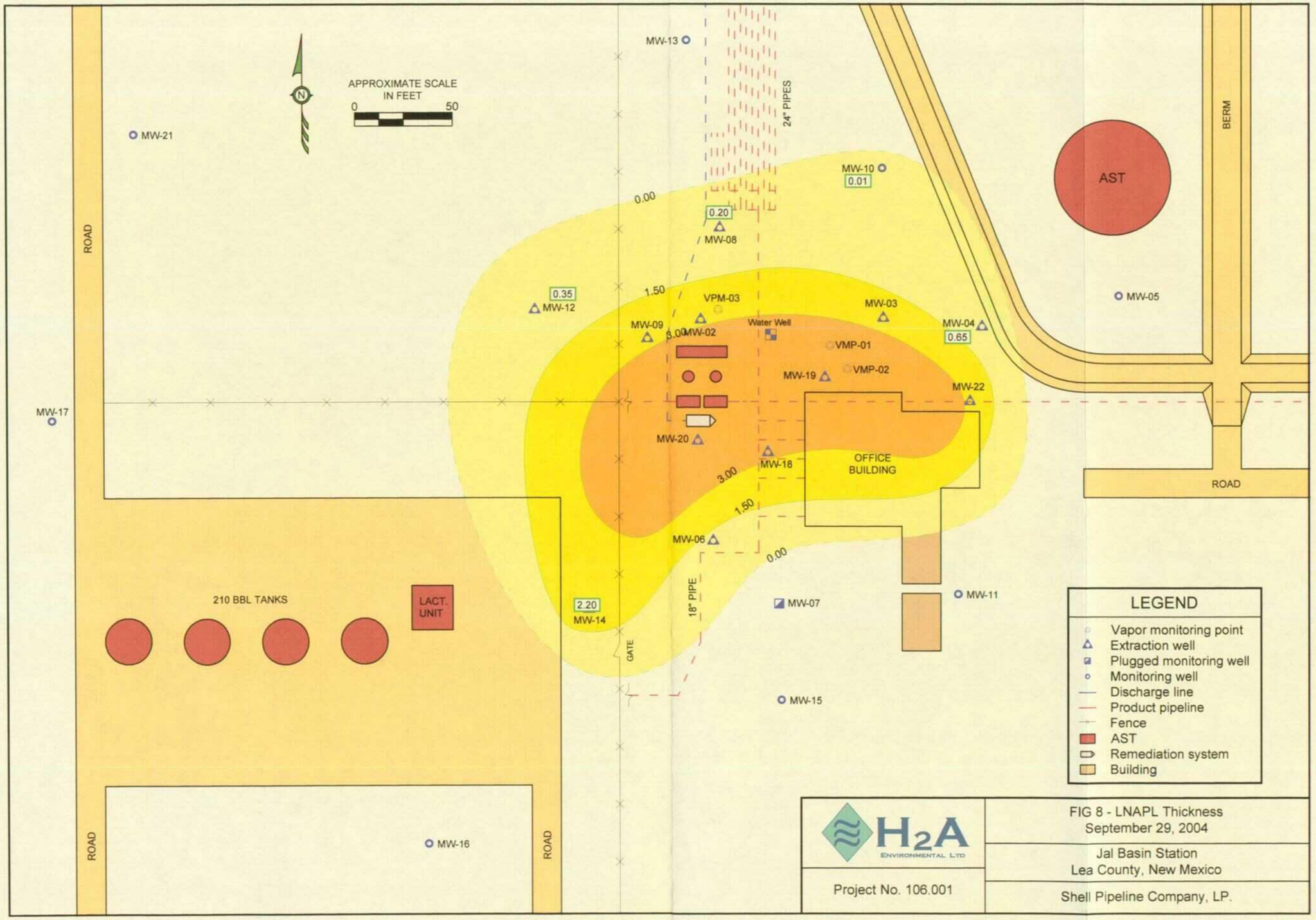
H2A ENVIRONMENTAL LTD

Project No. 106.001

FIG 7 - LNAPL Thickness
June 26, 2004

Jal Basin Station
Lea County, New Mexico

Shell Pipeline Company, LP.



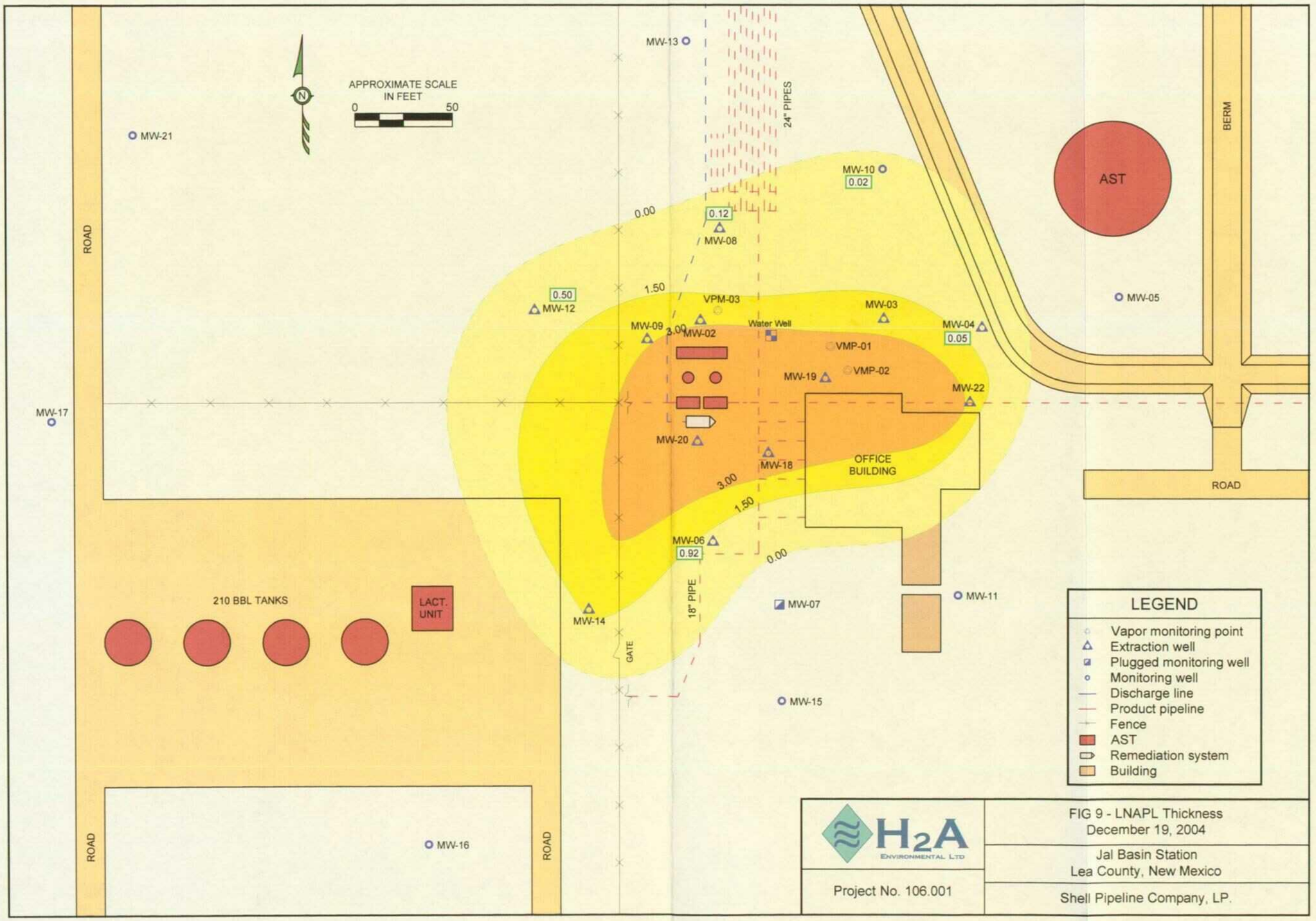
H2A ENVIRONMENTAL LTD

Project No. 106.001

FIG 8 - LNAPL Thickness
September 29, 2004

Jal Basin Station
Lea County, New Mexico

Shell Pipeline Company, LP.



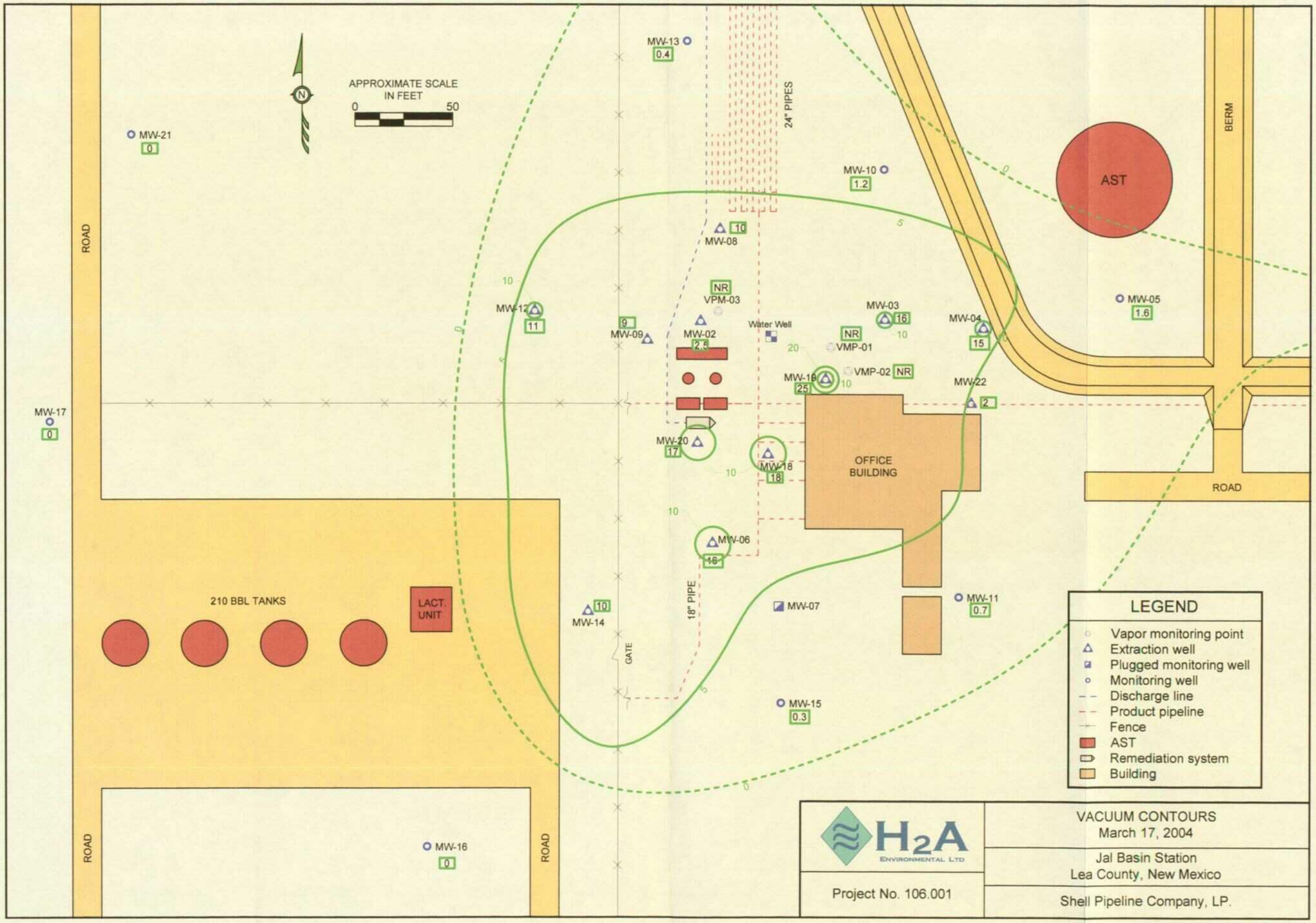
H2A Environmental Ltd

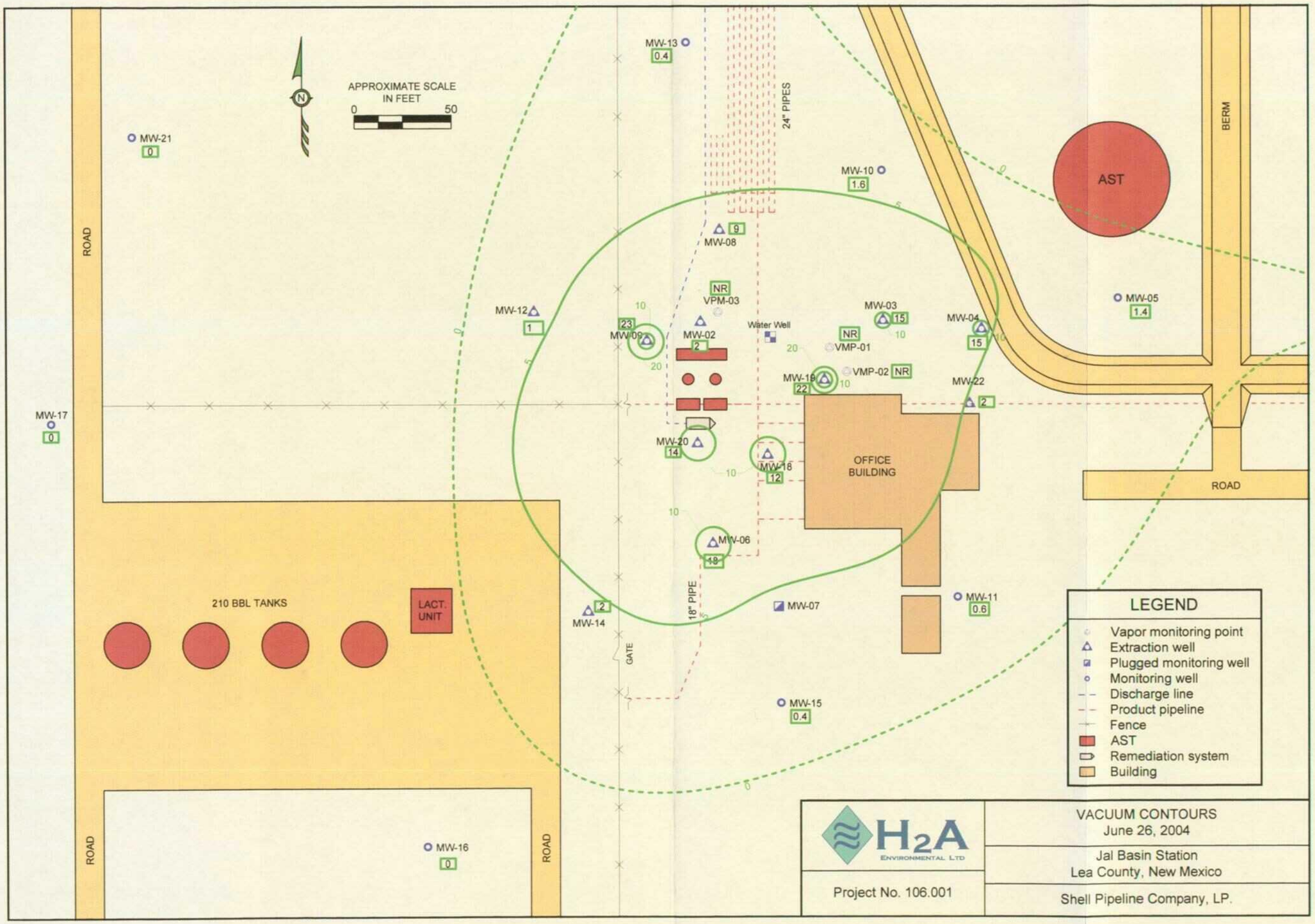
FIG 9 - LNAPL Thickness
December 19, 2004

Jal Basin Station
Lea County, New Mexico

Project No. 106.001

Shell Pipeline Company, LP.


APPROXIMATE SCALE
IN FEET
0
50
N
MW-21
0
MW-13
0.4
24" PIPES
MW-10
1.2
AST
BERM
MW-08
10
MW-12
11
NR
VPM-03
MW-09
9
MW-02
2.5
Water Well
MW-03
16
MW-04
15
NR
VMP-01
MW-05
1.6
MW-19
25
VMP-02
NR
MW-22
2
MW-17
0
MW-20
17
MW-18
18
OFFICE
BUILDING
ROAD
MW-06
16
210 BBL TANKS
LACT.
UNIT
MW-14
10
GATE
18" PIPE
MW-07
MW-11
0.7
MW-15
0.3
ROAD
ROAD
MW-16
0
LEGEND
Vapor monitoring point
Extraction well
Plugged monitoring well
Monitoring well
Discharge line
Product pipeline
Fence
AST
Remediation system
Building
H2A
ENVIRONMENTAL LTD
Project No. 106.001
VACUUM CONTOURS
March 17, 2004
Jal Basin Station
Lea County, New Mexico
Shell Pipeline Company, LP.



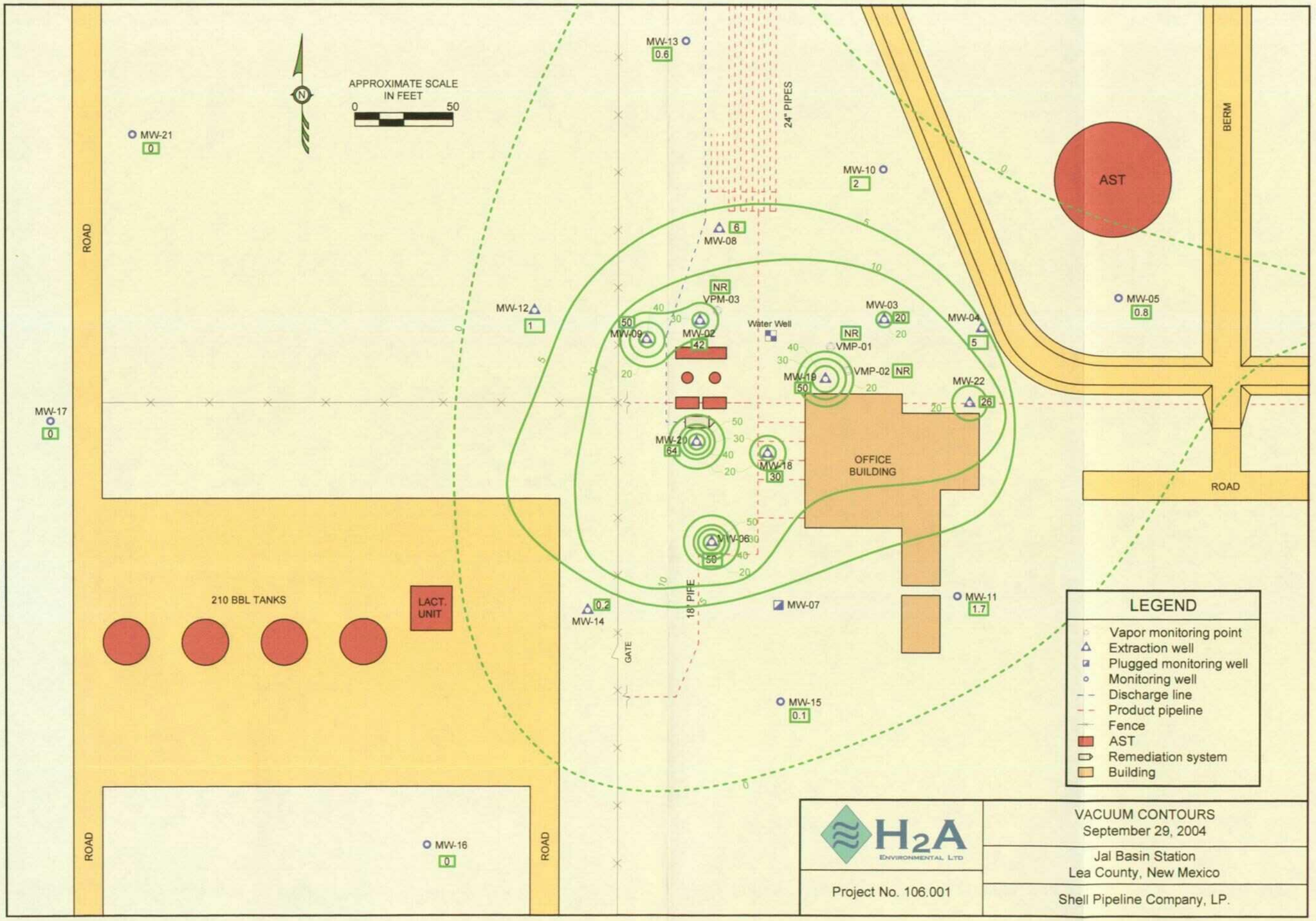
H2A ENVIRONMENTAL LTD

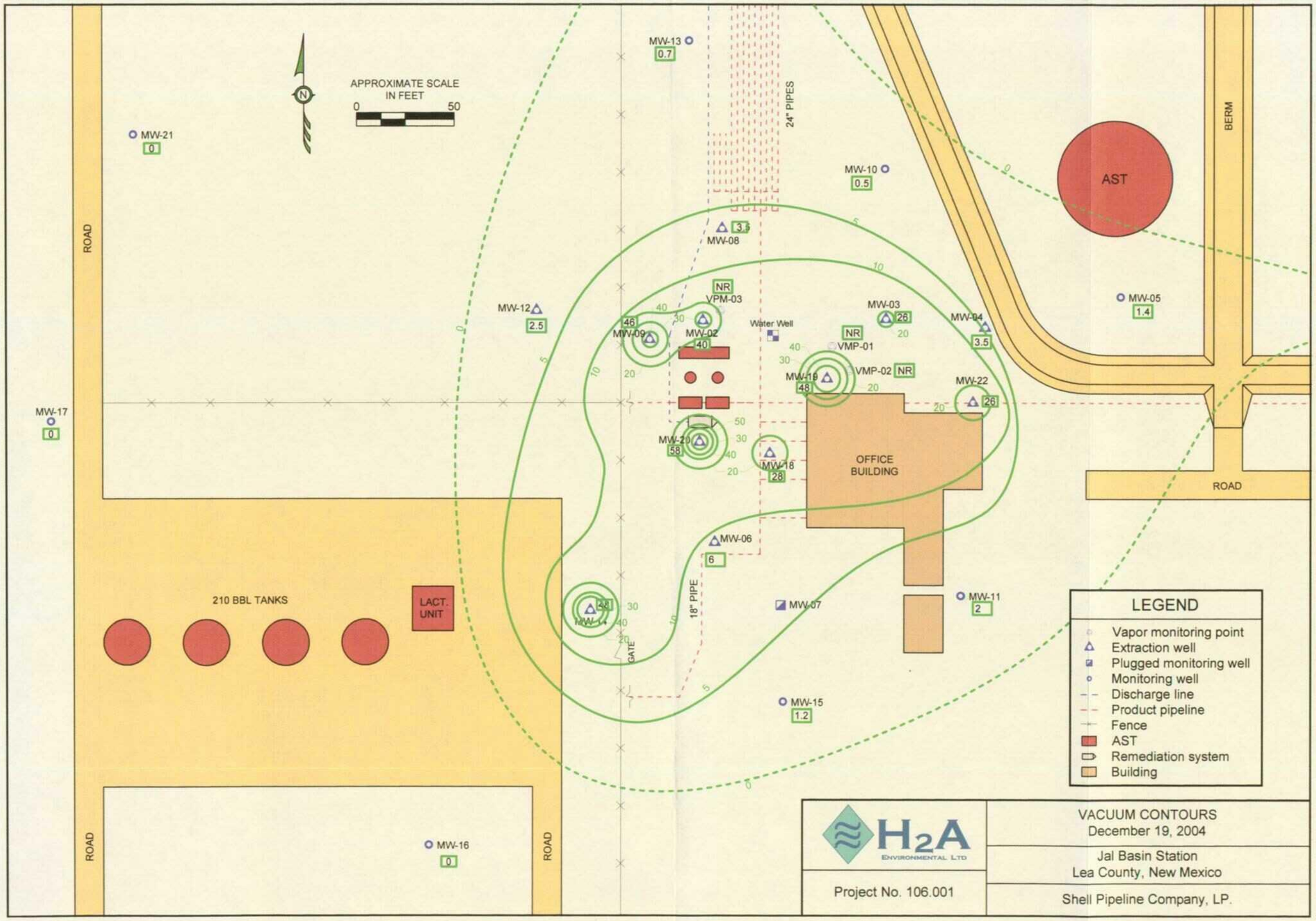
Project No. 106.001

VACUUM CONTOURS
June 26, 2004

Jal Basin Station
Lea County, New Mexico

Shell Pipeline Company, LP.


APPROXIMATE SCALE
IN FEET
0
50
N
MW-21
0
MW-13
0.6
24" PIPES
MW-10
2
AST
BERM
MW-08
6
MW-12
1
NR
VPM-03
MW-09
50
MW-02
42
Water Well
MW-03
20
MW-04
5
NR
VMP-01
VMP-02
NR
MW-19
50
MW-22
26
MW-05
0.8
MW-17
0
MW-20
64
MW-18
30
OFFICE
BUILDING
ROAD
MW-06
50
210 BBL TANKS
LACT.
UNIT
MW-14
0.2
18" PIPE
MW-07
MW-11
1.7
GATE
MW-15
0.1
ROAD
ROAD
MW-16
0
LEGEND
Vapor monitoring point
Extraction well
Plugged monitoring well
Monitoring well
Discharge line
Product pipeline
Fence
AST
Remediation system
Building
H2A
ENVIRONMENTAL LTD
Project No. 106.001
VACUUM CONTOURS
September 29, 2004
Jal Basin Station
Lea County, New Mexico
Shell Pipeline Company, LP.


APPROXIMATE SCALE
IN FEET
0
50
MW-21
0
MW-13
0.7
24" PIPES
MW-10
0.5
AST
BERM
MW-08
3.5
MW-05
1.4
MW-12
2.5
NR
VPM-03
MW-03
26
MW-04
3.5
46
MW-09
MW-02
40
Water Well
NR
VMP-01
MW-19
48
VMP-02
NR
MW-22
26
MW-17
0
MW-20
58
MW-18
28
OFFICE
BUILDING
ROAD
ROAD
MW-06
6
18" PIPE
MW-07
MW-11
2
210 BBL TANKS
LACT.
UNIT
MW-14
GATE
MW-15
1.2
MW-16
0
ROAD
ROAD
LEGEND
Vapor monitoring point
Extraction well
Plugged monitoring well
Monitoring well
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AST
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Building
H2A
ENVIRONMENTAL LTD
Project No. 106.001
VACUUM CONTOURS
December 19, 2004
Jal Basin Station
Lea County, New Mexico
Shell Pipeline Company, LP.

106.001
Shell Oil Products US
Jal Station Diesel Remediation

Jal, NM

FIGURE 10

Corrected GW Elevation (Avg) vs. LNAPL Thickness

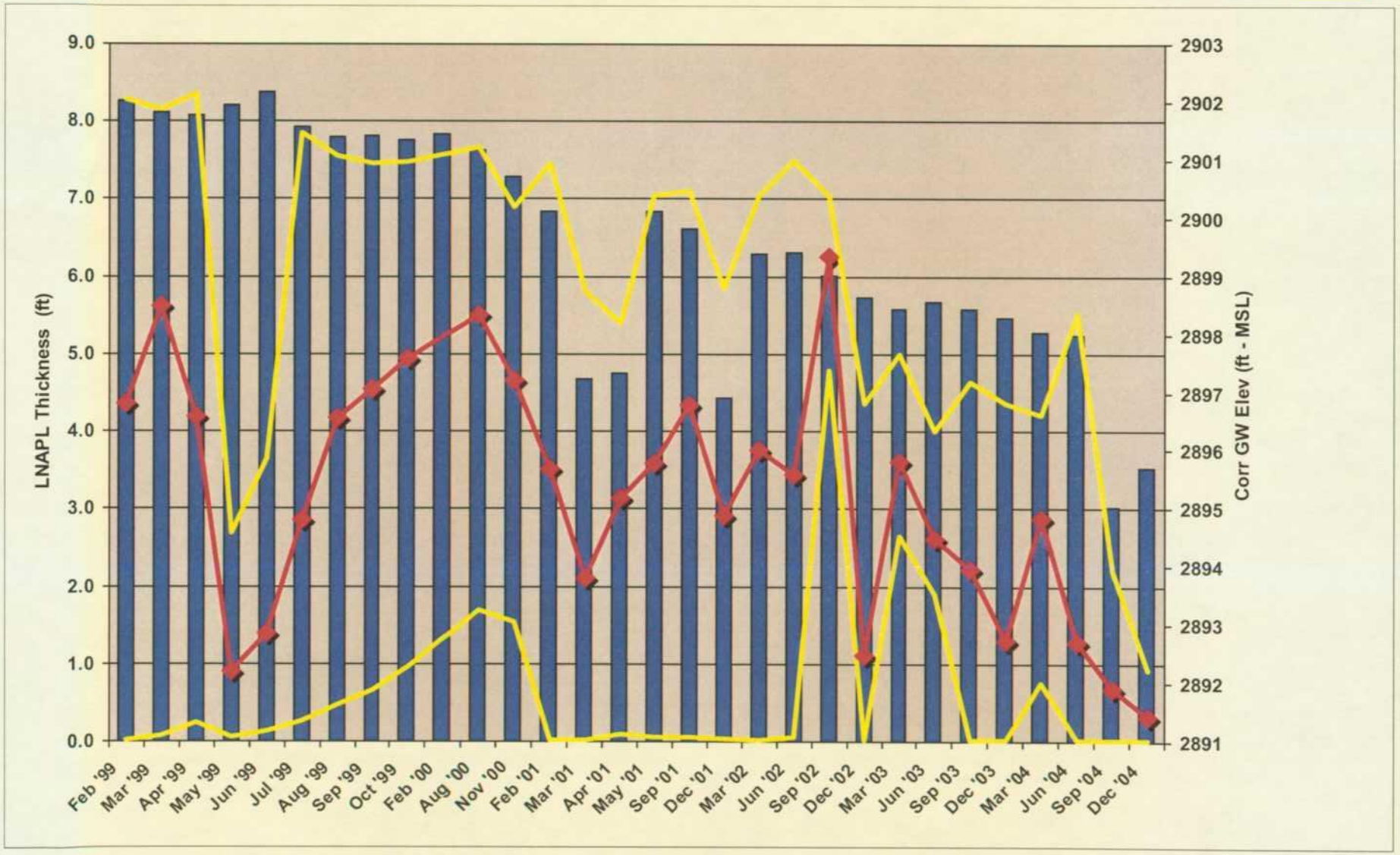
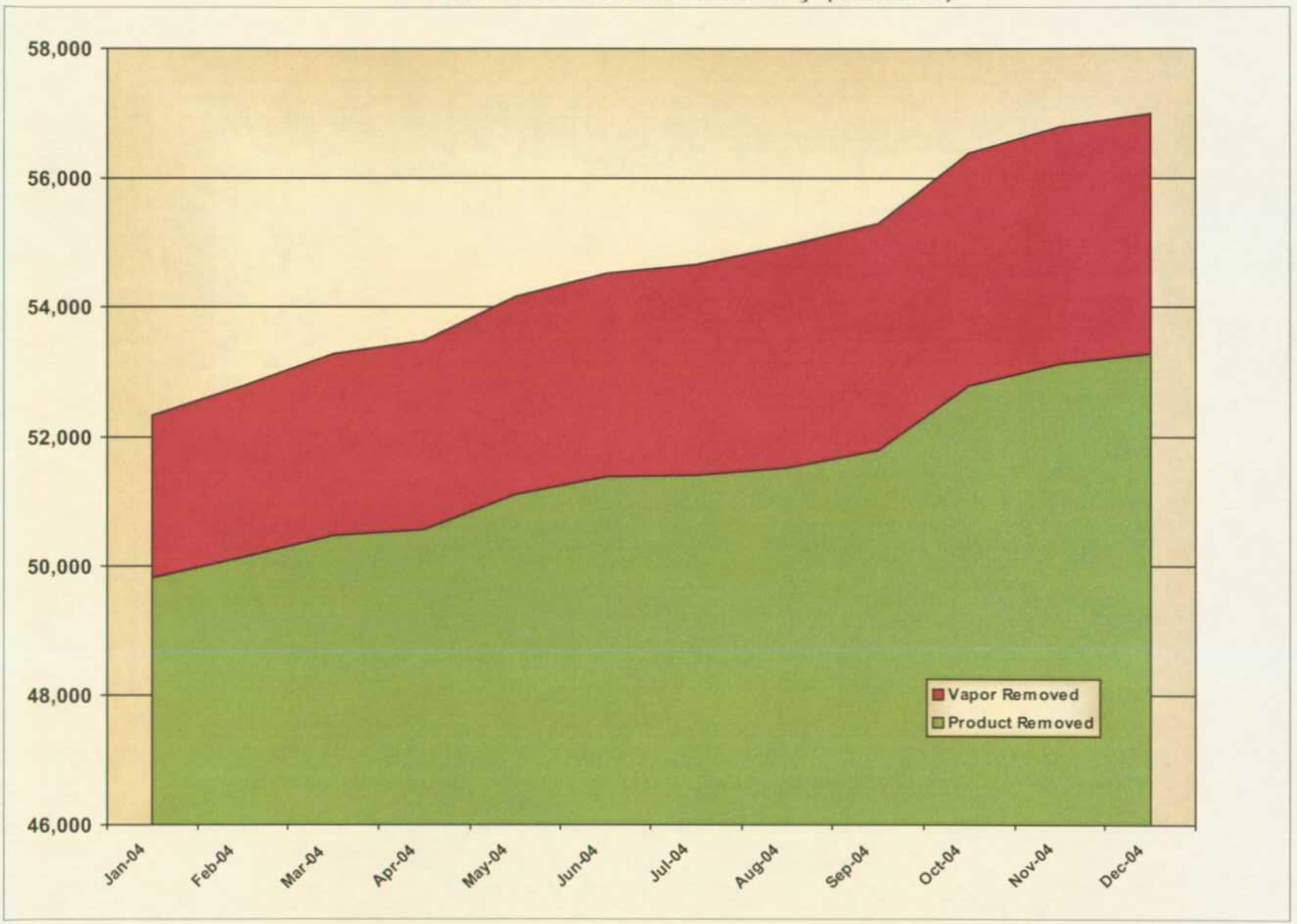


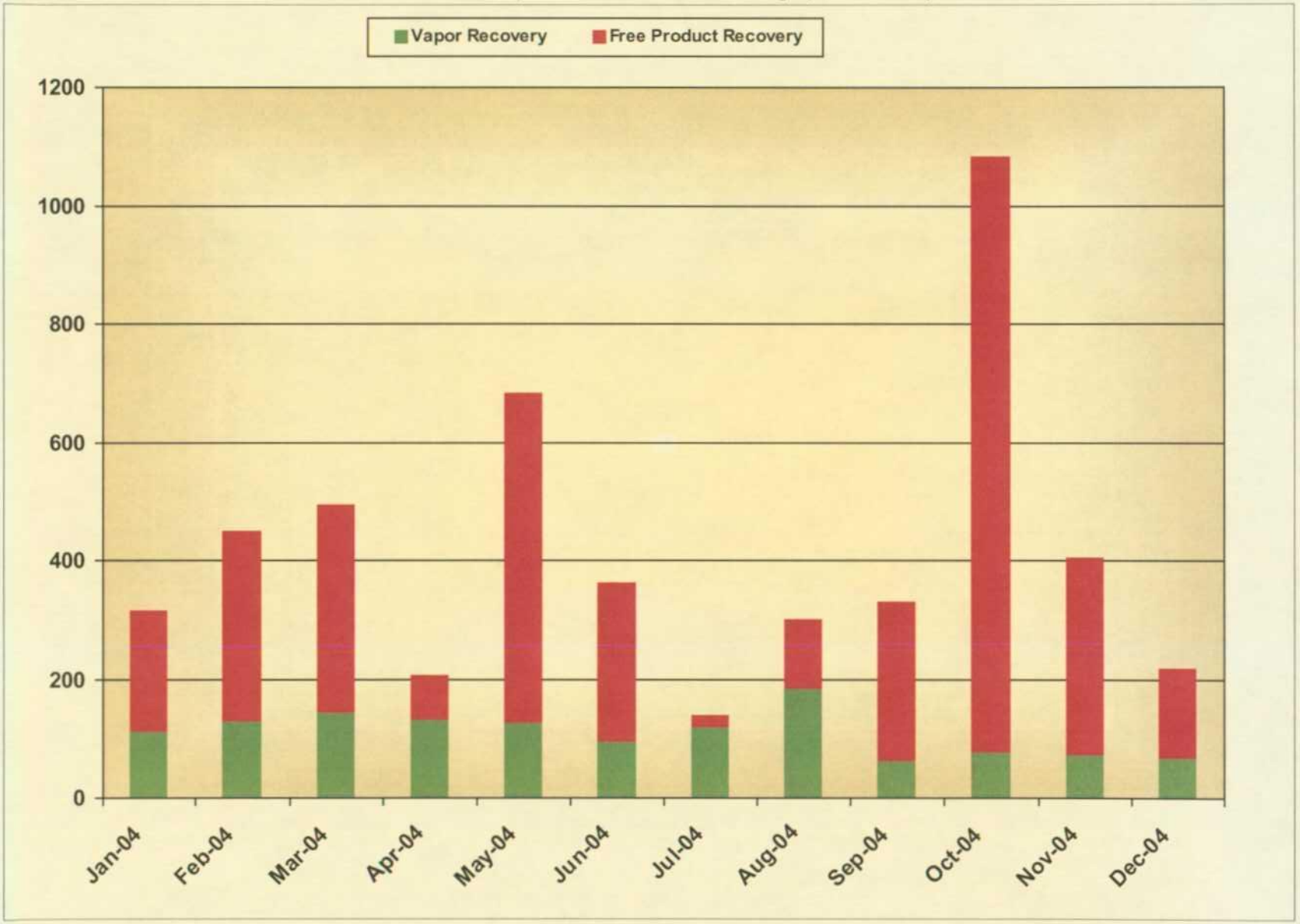
FIGURE 11
Cumulative Product Recovery (Gallons)



Site: Jal Pumping Station
Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25
March 23, 2005

FIGURE 12
Monthly Product Recovery (Gallons)



Site: Jal Pumping Station
Project: Diesel NAPL Plume

System: LRP-001 NA LRP-25
March 23, 2005

TABLE 1 - SUMMARY OF GROUNDWATER MONITORING
SUMMARY OF WELL GAUGING DATA
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					
3/17/2004		2992.30	TOC			93.28				2899.02
6/26/2004		2992.30	TOC			93.43				2898.87
9/29/2004		2992.30	TOC			95.65				2896.65
12/19/2004		2992.30	TOC			94.85				2897.45

MW-02

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					
3/17/2004		2987.02	TOC			91.64	88.59	3.05	0.830	2897.91
6/26/2004		2987.02	TOC			90.84	88.64	2.20	0.830	2898.01

MW-03

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					
6/26/2004		2987.91	TOC			90.50	90.48	0.02	0.830	2897.43

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					
6/26/2004		2988.22	TOC			90.81	90.78	0.03	0.830	2897.43
9/29/2004		2988.22	TOC			93.10	92.45	0.65	0.830	2895.66
12/19/2004		2988.22	TOC			91.85	91.80	0.05	0.830	2896.41

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					
3/17/2004		2988.47	TOC			89.74				2898.73
6/26/2004		2988.47	TOC			89.94				2898.53
9/29/2004		2988.47	TOC			92.80				2895.67
12/19/2004		2988.47	TOC			91.85				2896.62

MW-06

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					
3/17/2004		2987.40	TOC			91.63	88.73	2.90	0.830	2898.18
6/26/2004		2987.40	TOC			90.38	90.35	0.03	0.830	2897.04
12/19/2004		2987.40	TOC			92.20	91.28	0.92	0.830	2895.96

TABLE 1 - SUMMARY OF GROUNDWATER MONITORING
SUMMARY OF WELL GAUGING DATA
Jal Station Diesel Remediation

Jal, NM

MW-08

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					
6/26/2004		2987.97	TOC			90.66	90.64	0.02	0.830	2897.33
9/29/2004		2987.97	TOC			92.80	92.60	0.20	0.830	2895.34
12/19/2004		2987.97	TOC			91.92	91.80	0.12	0.830	2896.15

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					
3/17/2004		2987.39	TOC			93.18	88.98	4.20	0.830	2897.70
6/26/2004		2987.39	TOC			89.43	89.38	0.05	0.830	2898.00

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					
3/17/2004		2987.96	TOC			90.22	89.47	0.75	0.830	2898.36
6/26/2004		2987.96	TOC			90.52	89.52	1.00	0.830	2898.27
9/29/2004		2987.96	TOC			93.55	93.54	0.01	0.830	2894.42
12/19/2004		2987.96	TOC			91.57	91.55	0.02	0.830	2896.41

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					
3/17/2004		2989.37	TOC			90.82				2898.55
6/26/2004		2989.37	TOC			90.97				2898.40
9/29/2004		2989.37	TOC			94.00				2895.37
12/19/2004		2989.37	TOC			93.25				2896.12

MW-12

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					
6/26/2004		2987.79	TOC			90.10	89.95	0.15	0.830	2897.81
9/29/2004		2987.79	TOC			93.45	93.10	0.35	0.830	2894.63
12/19/2004		2987.79	TOC			93.30	92.80	0.50	0.830	2894.91

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					
3/17/2004		2989.79	TOC			91.17				2898.62
6/26/2004		2989.79	TOC			91.32				2898.47
9/29/2004		2989.79	TOC			94.40				2895.39
12/19/2004		2989.79	TOC			93.70				2896.09

TABLE 1 - SUMMARY OF GROUNDWATER MONITORING
SUMMARY OF WELL GAUGING DATA
Jal Station Diesel Remediation

Jal, NM

MW-14

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					
6/26/2004		2986.02	TOC			91.75	87.80	3.95	0.830	2897.55
9/29/2004		2986.02	TOC			93.30	91.10	2.20	0.830	2894.55

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					
3/17/2004		2986.45	TOC			88.06				2898.39
6/26/2004		2986.45	TOC			88.34				2898.11
9/29/2004		2986.45	TOC			91.65				2894.80
12/19/2004		2986.45	TOC			91.00				2895.45

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					
3/17/2004		2985.80	TOC			88.49				2897.31
6/26/2004		2985.80	TOC			88.79				2897.01
9/29/2004		2985.80	TOC			91.65				2894.15
12/19/2004		2985.80	TOC			91.35				2894.45

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					
3/17/2004		2985.09	TOC			89.02				2896.07
6/26/2004		2985.09	TOC			88.27				2896.82
9/29/2004		2985.09	TOC			91.00				2894.09
12/19/2004		2985.09	TOC			91.70				2893.39

MW-18

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					
6/26/2004		2987.16	TOC			88.73	88.71	0.02	0.830	2898.45

MW-19

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					
6/26/2004		2988.86	TOC			88.52	88.51	0.01	0.830	2900.35

TABLE 1 - SUMMARY OF GROUNDWATER MONITORING
SUMMARY OF WELL GAUGING DATA
Jal Station Diesel Remediation

Jal, NM

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					
6/26/2004		2987.22	TOC			93.31	87.78	5.53	0.830	2898.50

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					
3/17/2004		2986.63	TOC			89.24				2897.39
6/26/2004		2986.63	TOC			89.44				2897.19
9/29/2004		2986.63	TOC			92.00				2894.63
12/19/2004		2986.63	TOC			91.65				2894.98

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					
3/17/2004		2989.24	TOC			93.88	90.38	3.50	0.830	2898.26
6/26/2004		2989.24	TOC			93.98	90.48	3.50	0.830	2898.17

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
4-Methyl-2-pentanone (MIBK)	8260	12/29/2004		0.0		U		4.2E-04
Acenaphthene	8270	12/29/2004		0.0		U	3.0E-02	4.2E-05
Acenaphthylene	8270	12/29/2004		0.0		U	3.0E-02	3.8E-05
Acetone (2-propanone)	8260	12/29/2004		0.0		U		5.5E-03
Acrylonitrile	8260	12/29/2004		0.0		U		9.7E-05
Anthracene	8270	12/29/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	200.7	12/29/2004		0.0		U	1.0E-01	8.6E-03
Barium	200.7	12/29/2004		0.0	3.3E-02		1.0E+00	
Benz-a-anthracene	8270	12/29/2004		0.0		U	3.0E-02	9.9E-05
Benzene	8021	1/30/2004		0.0	1.8E-03		1.0E-02	
Benzene	8021	2/19/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	4/27/2004		0.0			1.0E-02	1.3E-03
Benzene	8021	5/30/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	6/26/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	7/21/2004		0.0			1.0E-02	3.4E-04
Benzene	8021	8/24/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	10/26/2004		0.0		U	1.0E-02	3.4E-04
Benzene	8021	11/30/2004		0.0		U	1.0E-02	6.5E-04
Benzene	8021	12/29/2004		0.0		U	1.0E-02	2.5E-04
Benzene	8260	12/29/2004		0.0		U	1.0E-02	1.5E-04
Benzo-a-pyrene	8270	12/29/2004		0.0		U	3.0E-02	1.4E-04
Benzo-b-fluoranthene	8270	12/29/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/29/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/29/2004		0.0		U	3.0E-02	9.5E-05
Bromobenzene	8260	12/29/2004		0.0		U		1.1E-04
Bromodichloromethane	8260	12/29/2004		0.0		U		1.6E-04
Bromoform	8260	12/29/2004		0.0		U		5.7E-05
Bromomethane	8260	12/29/2004		0.0		U		1.2E-03
Butylbenzene, n-	8260	12/29/2004		0.0	2.2E-04	JB		
Butylbenzene, sec-	8260	12/29/2004		0.0	8.0E-05	JB		
Butylbenzene, tert-	8260	12/29/2004		0.0		U		1.1E-04
Cadmium	200.7	12/29/2004		0.0		U	1.0E-02	5.8E-04
Carbon disulfide	8260	12/29/2004		0.0	8.0E-05	J		
Carbon tetrachloride	8260	12/29/2004		0.0		U	1.0E-02	7.9E-05
Chloride	300.0	12/29/2004		0.0	6.4E+01			
Chlorobenzene	8260	12/29/2004		0.0		U		5.4E-05
Chlorobromomethane (bromochlor	8260	12/29/2004		0.0		U		1.8E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Chloroethane (ethyl chloride)	8260	12/29/2004		0.0		U		1.8E-04
Chloroethoxy ethene, 2- (2-chloroe	8260	12/29/2004		0.0		U		3.9E-04
Chloroform	8260	12/29/2004		0.0		U	1.0E-01	1.4E-04
Chloromethane	8260	12/29/2004		0.0		U		1.3E-04
Chlorotoluene, o- (2-chlorotoluene	8260	12/29/2004		0.0		U		5.7E-05
Chlorotoluene, p- (4-chlorotoluene	8260	12/29/2004		0.0		U		9.4E-05
Chromium (total)	200.7	12/29/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/29/2004		0.0		U	3.0E-02	1.2E-04
Cumene (isopropylbenzene)	8260	12/29/2004		0.0		U		8.5E-05
Cyanide	4500	12/29/2004		0.0		U		4.0E-03
Cymene (isopropyltoluene)	8260	12/29/2004		0.0	1.2E-04	J		
Dibenz-a,h-anthracene	8270	12/29/2004		0.0		U	3.0E-02	1.8E-04
Dibromo-3-chloropropane, 1,2-	8260	12/29/2004		0.0		U		6.9E-04
Dibromochloromethane (chlorodibr	8260	12/29/2004		0.0		U		9.0E-05
Dichlorobenzene, 1,2-	8260	12/29/2004		0.0		U		1.0E-04
Dichlorobenzene, 1,3-	8260	12/29/2004		0.0		U		6.9E-05
Dichlorobenzene, 1,4-	8260	12/29/2004		0.0		U		2.2E-04
Dichlorodifluoromethane	8260	12/29/2004		0.0		U		2.1E-04
Dichloroethane, 1,1-	8260	12/29/2004		0.0		U	2.5E-02	6.0E-05
Dichloroethane, 1,2-	8260	12/29/2004		0.0		U	1.0E-02	1.1E-04
Dichloroethylene, 1,1-	8260	12/29/2004		0.0		U	5.0E-03	1.4E-04
Dichloroethylene, cis-1,2-	8260	12/29/2004		0.0		U		1.5E-04
Dichloroethylene, trans-1,2	8260	12/29/2004		0.0		U		1.3E-04
Dichloropropane, 1,2-	8260	12/29/2004		0.0		U		1.1E-04
Dichloropropane, 1,3-	8260	12/29/2004		0.0		U		9.9E-05
Dichloropropane, 2,2-	8260	12/29/2004		0.0		U		1.8E-04
Dichloropropene, 1,1-	8260	12/29/2004		0.0		U		5.4E-05
Dichloropropene, cis 1,3-	8260	12/29/2004		0.0		U		8.9E-05
Dichloropropene, trans 1,3-	8260	12/29/2004		0.0		U		7.6E-05
Ethyl benzene	8021	1/30/2004		0.0			7.5E-01	1.6E-04
Ethyl benzene	8021	2/19/2004		0.0	1.8E-03		7.5E-01	
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	4/27/2004		0.0			7.5E-01	1.1E-03
Ethyl benzene	8021	5/30/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	6/26/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	7/21/2004		0.0			7.5E-01	4.7E-04
Ethyl benzene	8021	8/24/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	10/26/2004		0.0		U	7.5E-01	4.7E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Ethyl benzene	8021	11/30/2004		0.0		U	7.5E-01	8.4E-04
Ethyl benzene	8021	12/29/2004		0.0		U	7.5E-01	2.3E-04
Ethyl benzene	8260	12/29/2004		0.0		U	7.5E-01	3.6E-05
Ethylene dibromide (dibromoethan	8260	12/29/2004		0.0		U	1.0E-04	7.0E-05
Fluoranthene	8270	12/29/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/29/2004		0.0		U	3.0E-02	6.6E-05
Fluoride	300.0	12/29/2004		0.0	4.4E+00			
Hexachlorobutadiene	8260	12/29/2004		0.0	3.6E-04	JB		
Hexanone, 2-	8260	12/29/2004		0.0		U		1.7E-04
Indeno-1,2,3-cd-pyrene	8270	12/29/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	200.7	12/29/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/29/2004		0.0		U	2.0E-03	3.3E-05
Methyl ethyl ketone (2-butanone)	8260	12/29/2004		0.0		U		5.3E-04
Methyl iodide (iodomethane)	8260	12/29/2004		0.0		U		1.1E-04
Methylene bromide (dibromometha	8260	12/29/2004		0.0		U		1.4E-04
Methylene chloride (dichlorometha	8260	12/29/2004		0.0		U	1.0E-01	6.5E-04
Methylnaphthalene, 1-	8270	1/30/2004		0.0			3.0E-02	1.7E-03
Methylnaphthalene, 2-	8270	1/30/2004		0.0			3.0E-02	1.5E-03
MTBE (methyl tert-butyl ether)	8260	12/29/2004		0.0		U		1.2E-04
Naphthalene	8270	12/29/2004		0.0		U	3.0E-02	4.5E-05
Naphthalene	8260	12/29/2004		0.0	7.4E-04	JB	3.0E-02	
Nitrate	300.0	12/29/2004		0.0	1.8E+00		1.0E+01	
pH	4500	12/29/2004		0.0	8.5E+00			
Phenanthrene	8270	12/29/2004		0.0		U	3.0E-02	3.8E-05
Phenol	8270	1/30/2004		0.0			5.0E-03	4.9E-04
Propylbenzene, n-	8260	12/29/2004		0.0		U		5.9E-05
Pyrene	8270	12/29/2004		0.0		U	3.0E-02	9.0E-05
Selenium	200.7	12/29/2004		0.0		U	5.0E-02	3.7E-03
Silver	200.7	12/29/2004		0.0		U	5.0E-02	2.0E-04
Styrene	8260	12/29/2004		0.0		U		9.1E-05
Sulfate	300.0	12/29/2004		0.0	1.4E+02			
Tetrachloroethane, 1,1,1,2-	8260	12/29/2004		0.0		U		9.9E-05
Tetrachloroethane, 1,1,2,2-	8260	12/29/2004		0.0		U	1.0E-02	1.3E-04
Tetrachloroethylene	8260	12/29/2004		0.0		U	2.0E-02	2.7E-04
Toluene	8021	1/30/2004		0.0			7.5E-01	5.3E-04
Toluene	8021	2/19/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	4/27/2004		0.0			7.5E-01	7.7E-04
Toluene	8021	5/30/2004		0.0			7.5E-01	2.5E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

Effluent

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Toluene	8021	6/26/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	7/21/2004		0.0			7.5E-01	3.0E-04
Toluene	8021	8/24/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	10/26/2004		0.0		U	7.5E-01	3.0E-04
Toluene	8021	11/30/2004		0.0		U	7.5E-01	1.0E-03
Toluene	8260	12/29/2004		0.0		U	7.5E-01	6.0E-05
Toluene	8021	12/29/2004		0.0		U	7.5E-01	1.5E-04
Total Dissolved Solids	2540	12/29/2004		0.0	1.7E+03			
trans 1,4-Dichloro-2-butene	8260	12/29/2004		0.0		U		5.2E-04
Trichlorobenzene, 1,2,3-	8260	12/29/2004		0.0		U		1.4E-04
Trichlorobenzene, 1,2,4-	8260	12/29/2004		0.0	6.0E-04	JB		
Trichloroethane, 1,1,1-	8260	12/29/2004		0.0		U	6.0E-02	1.2E-04
Trichloroethane, 1,1,2-	8260	12/29/2004		0.0		U	1.0E-02	1.4E-04
Trichloroethylene	8260	12/29/2004		0.0		U	1.0E-01	1.2E-04
Trichlorofluoromethane	8260	12/29/2004		0.0		U		6.1E-05
Trichloropropane, 1,2,3-	8260	12/29/2004		0.0		U		4.6E-04
Trimethylbenzene, 1,2,4-	8260	12/29/2004		0.0		U		9.9E-05
Trimethylbenzene, 1,3,5-	8260	12/29/2004		0.0	7.0E-05	JB		
Vinyl chloride	8260	12/29/2004		0.0		U	1.0E-03	1.4E-04
Xylene, o-	8260	12/29/2004		0.0		U		9.6E-05
Xylenes	8021	1/30/2004		0.0			6.2E-01	5.7E-04
Xylenes	8021	2/19/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	4/27/2004		0.0	6.7E-03		6.2E-01	
Xylenes	8021	5/30/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	6/26/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	7/21/2004		0.0			6.2E-01	7.9E-04
Xylenes	8021	8/24/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	10/26/2004		0.0		U	6.2E-01	7.9E-04
Xylenes	8021	11/30/2004		0.0		U	6.2E-01	7.4E-04
Xylenes	8260	12/29/2004		0.0		U	6.2E-01	9.4E-05
Xylenes	8021	12/29/2004		0.0	6.0E-04	J	6.2E-01	

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-01

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/19/2004		0.0		U	3.0E-02	4.2E-05
Acenaphthylene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/19/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/19/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/19/2004		0.0	1.4E-01		1.0E+00	
Benz-a-anthracene	8270	12/19/2004		0.0		U	3.0E-02	9.9E-05
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/26/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/19/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.4E-04
Benzo-b-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/19/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/19/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/19/2004		0.0	4.0E-02		5.0E-02	
Chrysene	8270	12/19/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/26/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/19/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/19/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/19/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/19/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/19/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/19/2004		0.0		U	3.0E-02	9.0E-05
Selenium	6010	12/19/2004		0.0	1.6E-01		5.0E-02	
Silver	6010	12/19/2004		0.0		U	5.0E-02	2.0E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	6/26/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/19/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	6/26/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-01

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Xylenes	8021	12/19/2004		0.0		U	6.2E-01	7.4E-04

MW-05

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/19/2004		0.0		U	3.0E-02	4.2E-05
Acenaphthylene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/19/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/19/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/19/2004		0.0	2.3E-01		1.0E+00	
Benz-a-anthracene	8270	12/19/2004		0.0		U	3.0E-02	9.9E-05
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/26/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/19/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.4E-04
Benzo-b-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/19/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/19/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/19/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/19/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/26/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/19/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/19/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/19/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/19/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/19/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/19/2004		0.0		U	3.0E-02	9.0E-05
Selenium	6010	12/19/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/19/2004		0.0		U	5.0E-02	2.0E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-05

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	6/26/2004		0.0	1.9E-03		7.5E-01	
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/19/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	6/26/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	12/19/2004		0.0		U	6.2E-01	7.4E-04

MW-11

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/19/2004		0.0		U	3.0E-02	4.2E-05
Acenaphthylene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/19/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/19/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/19/2004		0.0	5.0E-02	J	1.0E+00	
Benz-a-anthracene	8270	12/19/2004		0.0		U	3.0E-02	9.9E-05
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/26/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/19/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.4E-04
Benzo-b-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/19/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/19/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/19/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/19/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/26/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/19/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/19/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-11

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Lead (inorganic)	6010	12/19/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/19/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/19/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/19/2004		0.0		U	3.0E-02	9.0E-05
Selenium	6010	12/19/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/19/2004		0.0		U	5.0E-02	2.0E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	6/26/2004		0.0	1.0E-03		7.5E-01	
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/19/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	6/26/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	12/19/2004		0.0		U	6.2E-01	7.4E-04

MW-13

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/19/2004		0.0		U	3.0E-02	4.2E-05
Acenaphthylene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/19/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/19/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/19/2004		0.0	2.3E-01		1.0E+00	
Benz-a-anthracene	8270	12/19/2004		0.0		U	3.0E-02	9.9E-05
Benzene	8021	3/17/2004		0.0			1.0E-02	3.4E-04
Benzene	8021	6/26/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/19/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.4E-04
Benzo-b-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/19/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/19/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/19/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/19/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-13

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	4.7E-04
Ethyl benzene	8021	6/26/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/19/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/19/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/19/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/19/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/19/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/19/2004		0.0		U	3.0E-02	9.0E-05
Selenium	6010	12/19/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/19/2004		0.0		U	5.0E-02	2.0E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	3.0E-04
Toluene	8021	6/26/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/19/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	7.9E-04
Xylenes	8021	6/26/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	12/19/2004		0.0		U	6.2E-01	7.4E-04

MW-15

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/19/2004		0.0		U	3.0E-02	4.2E-05
Acenaphthylene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/19/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/19/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/19/2004		0.0	2.6E-02	J	1.0E+00	
Benz-a-anthracene	8270	12/19/2004		0.0		U	3.0E-02	9.9E-05
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/26/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/19/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.4E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-15

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Benzo-b-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/19/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/19/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/19/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/19/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/26/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/19/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/19/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/19/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/19/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/19/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/19/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/19/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/19/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/19/2004		0.0		U	3.0E-02	9.0E-05
Selenium	6010	12/19/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/19/2004		0.0		U	5.0E-02	2.0E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	6/26/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/19/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	6/26/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	12/19/2004		0.0		U	6.2E-01	7.4E-04

MW-16

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/20/2004		0.0	1.6E-04	J	3.0E-02	
Acenaphthylene	8270	12/20/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/20/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/20/2004		0.0		U	1.0E-01	8.6E-03

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

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Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Barium	6010	12/20/2004		0.0	2.7E-02	J	1.0E+00	
Benz-a-anthracene	8270	12/20/2004		0.0	1.3E-04	J	3.0E-02	
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/25/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/20/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/20/2004		0.0	1.6E-04	J	3.0E-02	
Benzo-b-fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/20/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/20/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/20/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/20/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/20/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/25/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/20/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/20/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/20/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/20/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/20/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/20/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/20/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/20/2004		0.0	1.9E-04	J	3.0E-02	
Selenium	6010	12/20/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/20/2004		0.0		U	5.0E-02	2.0E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	6/25/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/20/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	6/25/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	12/20/2004		0.0		U	6.2E-01	7.4E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

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Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/20/2004		0.0	1.7E-04	J	3.0E-02	
Acenaphthylene	8270	12/20/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/20/2004		0.0		U	3.0E-02	4.7E-05
Arsenic	6010	12/20/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/20/2004		0.0	4.9E-02	J	1.0E+00	
Benz-a-anthracene	8270	12/20/2004		0.0	1.5E-04	J	3.0E-02	
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/25/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/20/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/20/2004		0.0		U	3.0E-02	1.4E-04
Benzo-b-fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/20/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/20/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/20/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/20/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/20/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/25/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/20/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/20/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/20/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/20/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/20/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/20/2004		0.0		U	3.0E-02	4.5E-05
Phenanthrene	8270	12/20/2004		0.0		U	3.0E-02	3.8E-05
Pyrene	8270	12/20/2004		0.0	1.1E-04	J	3.0E-02	
Selenium	6010	12/20/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/20/2004		0.0		U	5.0E-02	2.0E-04
Toluene	8021	3/17/2004		0.0			7.5E-01	1.5E-03
Toluene	8021	6/25/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	9/29/2004		0.0			7.5E-01	2.5E-04
Toluene	8021	12/20/2004		0.0		U	7.5E-01	1.0E-03
Xylenes	8021	3/17/2004		0.0			6.2E-01	3.9E-03
Xylenes	8021	6/25/2004		0.0			6.2E-01	1.6E-03
Xylenes	8021	9/29/2004		0.0			6.2E-01	1.6E-03

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 2 - SUMMARY OF GROUNDWATER & EFFLUENT ANALYTICAL RESULTS
SUMMARY OF CURRENT, ON-SITE LABORATORY ANALYTICAL RESULTS
FROM GROUNDWATER SAMPLES, SORTED BY WELL LOCATION

Jal Station Diesel Remediation

Jal, NM

MW-17

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Xylenes	8021	12/20/2004		0.0		U	6.2E-01	7.4E-04

MW-21

Analyte	Analytical Method	Sample Date	Sample Depth from (ft)	Sample Depth to (ft)	Detected Conc. (mg/L)	Flag	Critical PCL (mg/L)	Non-detect SQLs (mg/L)
Acenaphthene	8270	12/20/2004		0.0	1.4E-04	J	3.0E-02	
Acenaphthylene	8270	12/20/2004		0.0		U	3.0E-02	3.8E-05
Anthracene	8270	12/20/2004		0.0	8.0E-05	J	3.0E-02	
Arsenic	6010	12/20/2004		0.0		U	1.0E-01	8.6E-03
Barium	6010	12/20/2004		0.0	8.9E-02	J	1.0E+00	
Benz-a-anthracene	8270	12/20/2004		0.0	1.6E-04	J	3.0E-02	
Benzene	8021	3/17/2004		0.0			1.0E-02	1.7E-03
Benzene	8021	6/25/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	9/29/2004		0.0			1.0E-02	1.4E-04
Benzene	8021	12/20/2004		0.0		U	1.0E-02	6.5E-04
Benzo-a-pyrene	8270	12/20/2004		0.0	1.6E-04	J	3.0E-02	
Benzo-b-fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	1.7E-04
Benzo-g,h,i-perylene	8270	12/20/2004		0.0		U	3.0E-02	1.3E-04
Benzo-k-fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	9.5E-05
Cadmium	6010	12/20/2004		0.0		U	1.0E-02	5.8E-04
Chromium (total)	6010	12/20/2004		0.0		U	5.0E-02	4.4E-04
Chrysene	8270	12/20/2004		0.0		U	3.0E-02	1.2E-04
Dibenz-a,h-anthracene	8270	12/20/2004		0.0		U	3.0E-02	1.8E-04
Ethyl benzene	8021	3/17/2004		0.0			7.5E-01	2.3E-03
Ethyl benzene	8021	6/25/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	9/29/2004		0.0			7.5E-01	5.5E-04
Ethyl benzene	8021	12/20/2004		0.0		U	7.5E-01	8.4E-04
Fluoranthene	8270	12/20/2004		0.0		U	3.0E-02	5.5E-05
Fluorene	8270	12/20/2004		0.0		U	3.0E-02	6.6E-05
Indeno-1,2,3-cd-pyrene	8270	12/20/2004		0.0		U	3.0E-02	1.8E-04
Lead (inorganic)	6010	12/20/2004		0.0		U	5.0E-02	3.1E-03
Mercury (pH = 6.8)	7470	12/20/2004		0.0		U	2.0E-03	3.3E-05
Naphthalene	8270	12/20/2004		0.0	9.0E-05	J	3.0E-02	
Phenanthrene	8270	12/20/2004		0.0	8.0E-05	J	3.0E-02	
Pyrene	8270	12/20/2004		0.0	1.4E-04	J	3.0E-02	
Selenium	6010	12/20/2004		0.0		U	5.0E-02	3.7E-03
Silver	6010	12/20/2004		0.0		U	5.0E-02	2.0E-04

Critical PCL = NMWQCC Standard (Exceedances, if any, are shaded)

TABLE 3

Hydrocarbon and Groundwater Recovery (Barrels)

H2A Environmental Ltd.

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

Date	Tech	Flow Meter (gal)	TPH Conc. (ppm)	Dissolved Removed (bbls)	Hours	Vapor Flow (cfm)	Vapor Conc. (ppmv)	Vapor Removed (bbls)	PSH in Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
1/4/2001	jps	1	5	0.0	1.4	10	1150	0.0	1.2	0.0	1.2	1.2
1/5/2001	jps	1,320	5	0.0	28.0	20	1150	0.0	4.8	0.0	4.8	4.8
1/11/2001	jps	9,240	5	0.0	171.2	67	401	0.2	23.8	0.0	23.8	24.0
1/18/2001	jps	19,320	5	0.0	321.0	43	401	0.4	33.3	0.0	33.3	33.7
1/24/2001	jps	28,770	5	0.0	461.1	66	401	0.5	39.3	0.0	39.3	39.8
2/2/2001	jps	39,900	5	0.0	677.1	60	777	1.0	73.8	0.0	73.8	74.9
2/8/2001	jps	47,670	5	0.0	822.5	76	777	1.5	90.5	0.0	90.5	91.9
2/16/2001	jps	59,640	5	0.0	1,016.7	70	851	2.0	107.1	0.0	107.1	109.2
2/21/2001	jps	67,200	5	0.0	1,132.2	68	577	2.3	114.3	0.0	114.3	116.6
3/1/2001	jps	80,640	5	0.0	1,324.0	47	980	2.7	129.8	0.0	129.8	132.5
3/9/2001	jps	87,780	5	0.0	1,480.9	40	723	2.9	142.4	0.0	142.4	145.4
3/16/2001	jps	90,720	5	0.0	1,644.2	41	1039	3.3	143.9	0.0	143.9	147.2
3/22/2001	jps	93,240	5	0.0	1,788.7	41	554	3.4	149.9	0.0	149.9	153.3
3/29/2001	jps	94,080	5	0.0	1,957.2	41	723	3.7	170.2	0.0	170.2	173.9
4/7/2001	jps	97,860	5	0.0	2,174.4	42	498	3.9	179.5	0.0	179.5	183.5
4/12/2001	jps	99,540	5	0.0	2,271.4	43	471	4.0	184.0	0.0	184.0	188.0
4/19/2001	jps	102,480	5	0.0	2,435.4	41	600	4.2	191.8	0.0	191.8	196.1
4/26/2001	jps	105,000	5	0.0	2,606.0	42	542	4.4	197.2	0.0	197.2	201.6
5/3/2001	jps	107,520	5	0.0	2,771.0	40	811	4.7	204.0	0.0	204.0	208.7
5/10/2001	jps	109,200	5	0.0	2,915.4	35	963	4.9	212.2	0.0	212.2	217.2
5/17/2001	jps	112,140	5	0.0	3,082.8	44	1045	5.3	219.1	0.0	219.1	224.5
5/24/2001	jps	113,400	5	0.0	3,239.2	43	948	5.6	228.9	0.0	228.9	234.6
6/1/2001	jps	116,340	5	0.0	3,432.9	42	728	5.9	234.6	0.0	234.6	240.5
6/7/2001	jps	118,440	5	0.0	3,569.8	41	627	6.1	240.2	0.0	240.2	246.3
6/14/2001	jps	120,120	5	0.0	3,719.0	42	536	6.3	246.6	0.0	246.6	252.9
6/22/2001	jas	124,320	5	0.0	3,905.0	39	863	6.6	251.3	0.0	251.3	257.9
7/20/2001	jps	126,000	5	0.0	4,072.3	40	863	6.9	259.9	0.0	259.9	266.8
9/4/2001	jps	139,489	5	0.0	4,598.7	40	863	7.8	292.9	0.0	292.9	300.7
9/8/2001	jps	142,380	5	0.0	4,683.0	53	363	7.9	298.1	0.0	298.1	306.0
9/16/2001	jps	150,780	5	0.0	4,837.2	45	699	8.1	315.5	0.0	315.5	323.7
9/22/2001	jps	157,080	5	0.0	4,953.0	44	699	8.3	323.1	0.0	323.1	331.4
9/29/2001	jps	163,800	5	0.0	5,096.7	47	699	8.5	330.8	0.0	330.8	339.3
11/6/2001	jps	194,480	5	0.0	5,432.0	96	699	9.6	355.3	0.0	355.3	365.0
11/17/2001	jps	196,215	5	0.0	5,692.0	92	186	9.9	369.1	0.0	369.1	379.0
11/26/2001	jps	204,188	5	0.0	5,906.0	58	649	10.3	397.9	0.0	397.9	408.2
12/7/2001	jps	212,788	5	0.0	6,053.0	55	674	10.5	418.6	0.0	418.6	429.2
1/2/2002	jps	245,323	5	0.0	6,646.0	55	674	11.7	476.6	0.0	476.6	488.3
1/10/2002	jps	259,063	5	0.0	6,838.0	55	372	11.9	505.3	0.0	505.3	517.2
1/18/2002	jps	272,805	5	0.0	7,033.0	58	423	12.1	519.9	0.0	519.9	532.0
1/28/2002	jps	288,976	5	0.0	7,258.0	56	471	12.4	535.6	0.0	535.6	548.1
2/6/2002	jps	302,098	5	0.0	7,435.2	45	401	12.6	549.5	0.0	549.5	562.1
2/14/2002	jps	311,095	5	0.0	7,631.0	56	437	12.8	577.5	0.0	577.5	590.3
4/4/2002	jps	362,484	5	0.0	8,614.0	56	437	14.0	637.6	0.0	637.6	651.7
4/16/2002	jps	376,585	5	0.0	8,830.0	56	1110	14.7	676.7	0.0	676.7	691.4
4/27/2002	jps	393,880	5	0.0	9,089.0	56	437	15.0	707.1	0.0	707.1	722.2

TABLE 3

Hydrocarbon and Groundwater Recovery (Barrels)

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

Date	Tech	Flow Meter (gal)	TPH Conc. (ppm)	Dissolved Removed (bbls)	Hours	Vapor Flow (cfm)	Vapor Conc. (ppmv)	Vapor Removed (bbls)	PSH in Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
5/8/2002	jps	410,056	5	0.0	9,332.0	56	1460	16.0	724.0	0.0	724.0	740.1
7/18/2002	jps	435,233	5	0.1	9,962.0	48	437	16.7	752.5	0.0	752.5	769.2
7/26/2002	jps	457,029	5	0.1	10,158.0	48	831	17.0	764.4	0.0	764.4	781.5
8/10/2002	jps	508,606	5	0.1	10,519.0	57	437	17.5	805.6	0.0	805.6	823.2
8/16/2002	jps	528,480	5	0.1	10,656.0	42	437	17.6	814.0	0.0	814.0	831.7
8/23/2002	jps	549,430	5	0.1	10,831.0	44	437	17.8	824.6	0.0	824.6	842.4
8/30/2002	jps	570,664	5	0.1	10,994.0	44	437	17.9	833.4	0.0	833.4	851.4
9/10/2002	jps	604,429	5	0.1	11,258.0	44	437	18.2	849.9	0.0	849.9	868.2
9/17/2002	jps	619,336	5	0.1	11,425.0	49	437	18.4	857.9	0.0	857.9	876.3
9/24/2002	jps	638,007	5	0.1	11,592.0	49	437	18.6	866.0	0.0	866.0	884.7
10/3/2002	jps	670,403	5	0.1	11,813.0	53	437	18.8	879.2	0.0	879.2	898.1
11/3/2002	jps	788,699	5	0.1	12,558.9	53	437	19.7	916.9	0.0	916.9	936.7
11/15/2002	jps	807,249	5	0.1	12,903.0	53	437	20.1	927.0	0.0	927.0	947.1
11/20/2002	jps	811,949	5	0.1	12,967.9	53	437	20.2	930.9	0.0	930.9	951.1
11/30/2002	jps	840,029	5	0.1	13,206.0	53	565	20.5	942.9	0.0	942.9	963.5
12/23/2002	jps	859,080	5	0.1	13,697.2	285	437	23.6	974.1	0.0	974.1	997.8
12/30/2002	jps	878,679	5	0.1	13,884.7	265	437	24.7	983.3	0.0	983.3	1,008.0
1/16/2003	jps	934,464	5	0.1	14,264.0	150	437	25.9	1,010.7	0.0	1,010.7	1,036.7
1/18/2003	jps	942,629	5	0.1	14,314.0	150	437	26.1	1,014.3	0.0	1,014.3	1,040.5
1/20/2003	jps	949,886	5	0.1	14,360.0	150	437	26.2	1,018.0	0.0	1,018.0	1,044.4
1/22/2003	jps	957,596	5	0.1	14,408.0	150	437	26.4	1,021.0	0.0	1,021.0	1,047.4
1/24/2003	jps	961,996	5	0.1	14,462.0	150	437	26.6	1,024.0	0.0	1,024.0	1,050.7
1/29/2003	jps	984,659	5	0.1	14,571.0	145	437	26.9	1,032.2	0.0	1,032.2	1,059.2
1/30/2003	jps	986,914	5	0.1	14,596.0	145	4220	27.7	1,034.2	0.0	1,034.2	1,061.9
2/3/2003	jps	1,005,220	5	0.1	14,692.0	145	437	28.0	1,038.8	0.0	1,038.8	1,066.9
2/5/2003	jps	1,013,774	5	0.1	14,746.0	145	437	28.1	1,041.5	0.0	1,041.5	1,069.8
2/8/2003	jps	1,028,667	5	0.1	14,818.0	145	437	28.4	1,042.9	0.0	1,042.9	1,071.4
2/10/2003	jps	1,036,263	5	0.1	14,865.0	145	437	28.5	1,044.9	0.0	1,044.9	1,073.6
2/11/2003	jps	1,037,681	5	0.1	14,894.0	145	437	28.6	1,045.6	0.0	1,045.6	1,074.3
2/16/2003	jps	1,051,639	5	0.1	15,006.0	145	437	29.0	1,047.0	0.0	1,047.0	1,076.1
2/19/2003	jps	1,060,761	5	0.1	15,080.0	145	437	29.2	1,048.4	0.0	1,048.4	1,077.7
3/16/2003	jps	1,129,949	5	0.1	15,640.0	153	437	31.1	1,083.9	0.0	1,083.9	1,115.1
3/19/2003	jps	1,137,659	5	0.1	15,719.0	153	437	31.3	1,096.9	0.0	1,096.9	1,128.3
3/22/2003	jps	1,147,810	5	0.1	15,790.0	181	494	31.7	1,097.7	0.0	1,097.7	1,129.5
3/24/2003	jps	1,150,129	5	0.1	15,845.0	181	437	31.9	1,097.7	0.0	1,097.7	1,129.7
3/28/2003	jps	1,154,246	5	0.1	15,934.0	181	437	32.2	1,099.6	0.0	1,099.6	1,132.0
3/31/2003	jps	1,161,529	5	0.1	16,006.0	181	437	32.5	1,101.1	0.0	1,101.1	1,133.7
4/3/2003	jps	1,170,741	5	0.1	16,078.0	181	437	32.8	1,102.5	0.0	1,102.5	1,135.5
4/7/2003	jps	1,179,829	5	0.1	16,172.0	181	437	33.2	1,104.6	0.0	1,104.6	1,137.9
4/8/2003	jps	1,182,529	5	0.1	16,190.0	181	437	33.2	1,104.8	0.0	1,104.8	1,138.2
4/10/2003	jps	1,190,429	5	0.1	16,238.0	181	437	33.4	1,106.1	0.0	1,106.1	1,139.7
4/15/2003	jps	1,205,129	5	0.1	16,353.0	177	437	33.9	1,113.3	0.0	1,113.3	1,147.3
4/21/2003	jps	1,225,329	5	0.1	16,499.0	177	437	34.4	1,113.5	0.0	1,113.5	1,148.0
4/24/2003	jps	1,235,040	5	0.1	16,575.0	177	437	34.7	1,114.4	0.0	1,114.4	1,149.3
4/27/2003	jps	1,244,599	5	0.1	16,645.0	177	360	34.9	1,115.5	0.0	1,115.5	1,150.6

TABLE 3

Hydrocarbon and Groundwater Recovery (Barrels)

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

Date	Tech	Flow Meter (gal)	TPH Conc. (ppm)	Dissolved Removed (bbls)	Hours	Vapor Flow (cfm)	Vapor Conc. (ppmv)	Vapor Removed (bbls)	PSH in Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
5/1/2003	jps	1,259,029	5	0.1	16,744.0	177	437	35.3	1,117.9	0.0	1,117.9	1,153.3
5/2/2003	jps	1,262,929	5	0.2	16,770.0	177	437	35.4	1,118.5	0.0	1,118.5	1,154.0
5/6/2003	jps	1,275,029	5	0.2	16,862.0	177	437	35.8	1,124.5	0.0	1,124.5	1,160.4
5/8/2003	jps	1,281,445	5	0.2	16,905.0	177	437	35.9	1,125.1	0.0	1,125.1	1,161.2
5/13/2003	jps	1,300,229	5	0.2	17,022.0	177	437	36.4	1,129.5	0.0	1,129.5	1,166.0
5/14/2003	jps	1,302,834	5	0.2	17,048.0	177	437	36.5	1,129.6	0.0	1,129.6	1,166.3
5/18/2003	jps	1,319,609	5	0.2	17,147.0	177	437	36.9	1,131.3	0.0	1,131.3	1,168.4
5/20/2003	jps	1,322,124	5	0.2	17,193.0	177	437	37.1	1,131.4	0.0	1,131.4	1,168.6
5/21/2003	jps	1,327,365	5	0.2	17,229.0	177	437	37.2	1,131.5	0.0	1,131.5	1,168.9
5/23/2003	jps	1,337,823	5	0.2	17,262.0	177	437	37.3	1,131.5	0.0	1,131.5	1,169.0
5/25/2003	jps	1,347,341	5	0.2	17,301.0	177	437	37.5	1,131.5	0.0	1,131.5	1,169.2
5/28/2003	jps	1,364,734	5	0.2	17,381.0	177	162	37.6	1,131.7	0.0	1,131.7	1,169.4
6/5/2003	jps	1,383,304	5	0.2	17,566.0	177	437	38.3	1,133.9	0.0	1,133.9	1,172.4
6/12/2003	jps	1,401,163	5	0.2	17,731.0	177	437	38.9	1,136.5	0.0	1,136.5	1,175.6
6/13/2003	jps	1,405,129	5	0.2	17,747.0	177	437	39.0	1,137.1	0.0	1,137.1	1,176.3
6/14/2003	jps	1,408,371	5	0.2	17,767.0	177	437	39.1	1,137.8	0.0	1,137.8	1,177.0
6/15/2003	jps	1,410,629	5	0.2	17,794.0	177	437	39.2	1,139.7	0.0	1,139.7	1,179.1
6/16/2003	jps	1,413,729	5	0.2	17,816.0	177	312	39.2	1,140.4	0.0	1,140.4	1,179.8
6/22/2003	jps	1,424,574	5	0.2	17,957.0	177	437	39.8	1,142.4	0.0	1,142.4	1,182.3
6/25/2003	jps	1,435,984	5	0.2	18,037.0	177	437	40.1	1,145.0	0.0	1,145.0	1,185.3
6/26/2003	jps	1,438,129	5	0.2	18,061.0	177	437	40.2	1,145.0	0.0	1,145.0	1,185.4
6/29/2003	jps	1,444,029	5	0.2	18,104.0	177	437	40.4	1,146.4	0.0	1,146.4	1,186.9
7/23/2003	jps	1,495,283	5	0.2	18,709.0	177	437	42.7	1,153.8	0.0	1,153.8	1,196.7
8/3/2003	jps	1,518,775	5	0.2	18,943.0	177	437	43.6	1,155.1	0.0	1,155.1	1,198.9
8/5/2003	jps	1,523,046	5	0.2	19,031.0	177	437	43.9	1,155.8	0.0	1,155.8	1,199.9
8/12/2003	jps	1,537,995	5	0.2	19,181.0	177	437	44.5	1,157.9	0.0	1,157.9	1,202.6
8/17/2003	jps	1,548,673	5	0.2	19,284.0	177	437	44.9	1,157.9	0.0	1,157.9	1,203.0
8/20/2003	jps	1,555,080	5	0.2	19,373.0	177	437	45.3	1,157.9	0.0	1,157.9	1,203.3
8/25/2003	jps	1,565,758	5	0.2	19,499.0	177	437	45.7	1,160.0	0.0	1,160.0	1,205.9
8/30/2003	jps	1,576,436	5	0.2	19,608.0	177	222	46.0	1,160.0	0.0	1,160.0	1,206.1
9/6/2003	jps	1,591,385	5	0.2	19,783.0	177	437	46.6	1,162.7	0.0	1,162.7	1,209.5
9/12/2003	jps	1,604,199	5	0.2	19,921.0	177	437	47.2	1,162.7	0.0	1,162.7	1,210.1
9/17/2003	jps	1,614,877	5	0.2	20,041.0	177	437	47.6	1,164.8	0.0	1,164.8	1,212.6
9/20/2003	jps	1,621,284	5	0.2	20,121.0	177	244	47.8	1,164.8	0.0	1,164.8	1,212.8
9/26/2003	jps	1,634,098	5	0.2	20,251.0	177	437	48.3	1,168.2	0.0	1,168.2	1,216.7
9/27/2003	jps	1,636,233	5	0.2	20,289.0	177	437	48.4	1,168.9	0.0	1,168.9	1,217.6
10/2/2003	jps	1,646,911	5	0.2	20,398.0	181	437	48.9	1,168.9	0.0	1,168.9	1,218.0
10/12/2003	jps	1,668,267	5	0.2	20,648.0	185	437	49.9	1,168.9	0.0	1,168.9	1,219.0
10/20/2003	jps	1,685,352	5	0.2	20,835.0	185	437	50.6	1,169.3	0.0	1,169.3	1,220.1
10/23/2003	jps	1,691,759	5	0.2	20,904.0	181	437	50.9	1,169.6	0.0	1,169.6	1,220.8
10/25/2003	jps	1,696,030	5	0.2	21,045.0	179	236	51.2	1,169.6	0.0	1,169.6	1,221.1
11/4/2003	jps	1,717,386	5	0.2	21,199.0	181	437	51.8	1,174.5	0.0	1,174.5	1,226.5
11/10/2003	jps	1,730,199	5	0.2	21,330.0	181	437	52.3	1,174.5	0.0	1,174.5	1,227.0
11/17/2003	jps	1,745,149	5	0.2	21,504.0	210	437	53.1	1,176.6	0.0	1,176.6	1,230.0
11/23/2003	jps	1,757,962	5	0.2	21,624.0	206	437	53.7	1,178.7	0.0	1,178.7	1,232.6

TABLE 3

Hydrocarbon and Groundwater Recovery (Barrels)

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

Date	Tech	Flow Meter (gal)	TPH Conc. (ppm)	Dissolved Removed (bbls)	Hours	Vapor Flow (cfm)	Vapor Conc. (ppmv)	Vapor Removed (bbls)	PSH in Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
11/27/2003	jps	1,766,505	5	0.2	21,740.0	210	437	54.2	1,178.9	0.0	1,178.9	1,233.4
11/30/2003	jps	1,772,911	5	0.2	21,816.0	210	437	54.6	1,179.2	0.0	1,179.2	1,233.9
12/2/2003	jps	1,779,351	5	0.2	21,864.0	210	437	54.8	1,179.3	0.0	1,179.3	1,234.3
12/5/2003	jps	1,789,010	5	0.2	21,937.0	210	437	55.1	1,179.3	0.0	1,179.3	1,234.6
12/8/2003	jps	1,798,670	5	0.2	22,008.0	210	437	55.4	1,179.3	0.0	1,179.3	1,234.9
12/10/2003	jps	1,805,109	5	0.2	22,057.0	210	437	55.7	1,179.8	0.0	1,179.8	1,235.7
12/11/2003	jps	1,808,329	5	0.2	22,082.0	210	437	55.8	1,179.9	0.0	1,179.9	1,235.9
12/14/2003	jps	1,817,989	5	0.2	22,165.0	210	437	56.2	1,180.2	0.0	1,180.2	1,236.6
12/15/2003	jps	1,821,208	5	0.2	22,202.0	210	437	56.3	1,180.4	0.0	1,180.4	1,236.9
12/20/2003	jps	1,837,307	5	0.2	22,323.0	206	437	56.9	1,180.6	0.0	1,180.6	1,237.7
12/23/2003	jps	1,846,967	5	0.2	22,364.0	206	437	57.1	1,180.7	0.0	1,180.7	1,238.0
12/26/2003	jps	1,856,626	5	0.2	22,467.0	206	437	57.5	1,181.0	0.0	1,181.0	1,238.7
1/2/2004	jps	1,879,165	5	0.2	22,605.0	206	437	58.2	1,181.5	0.0	1,181.5	1,239.9
1/3/2004	jps	1,882,385	5	0.2	22,626.0	202	437	58.2	1,182.6	0.0	1,182.6	1,241.1
1/14/2004	jps	1,905,876	5	0.2	22,891.0	202	437	59.4	1,184.7	0.0	1,184.7	1,244.4
1/18/2004	jps	1,914,419	5	0.2	22,999.0	202	437	59.9	1,185.8	0.0	1,185.8	1,245.9
1/21/2004	jps	1,920,825	5	0.2	23,064.0	202	437	60.2	1,185.8	0.0	1,185.8	1,246.2
2/3/2004	jps	1,948,588	5	0.2	23,377.0	202	437	61.6	1,187.2	0.0	1,187.2	1,249.0
2/4/2004	jps	1,951,808	5	0.2	23,404.0	193	437	61.7	1,187.3	0.0	1,187.3	1,249.2
2/5/2004	jps	1,955,028	5	0.2	23,422.0	188	437	61.7	1,187.9	0.0	1,187.9	1,249.9
2/9/2004	jps	1,967,907	5	0.2	23,512.0	188	437	62.1	1,188.6	0.0	1,188.6	1,250.9
2/11/2004	jps	1,974,347	5	0.2	23,562.0	186	437	62.3	1,190.0	0.0	1,190.0	1,252.5
2/12/2004	jps	1,977,566	5	0.2	23,587.0	191	437	62.4	1,190.2	0.0	1,190.2	1,252.9
2/18/2004	jps	2,013,654	5	0.2	23,733.0	191	437	63.0	1,192.1	0.0	1,192.1	1,255.3
2/19/2004	jps	2,014,891	5	0.2	23,751.0	186	437	63.1	1,192.4	0.0	1,192.4	1,255.8
2/20/2004	jps	2,018,126	5	0.2	23,781.0	186	437	63.2	1,193.5	0.0	1,193.5	1,256.9
3/16/2004	jps	2,075,507	5	0.2	24,362.0	190	437	65.6	1,199.7	0.0	1,199.7	1,265.6
3/17/2004	jps	2,077,636	5	0.2	24,390.0	190	437	65.8	1,199.8	0.0	1,199.8	1,265.8
3/26/2004	jps	2,096,904	5	0.2	24,606.0	190	437	66.7	1,201.8	0.0	1,201.8	1,268.7
4/4/2004	jps	2,111,271	5	0.3	24,822.0	190	437	67.6	1,202.0	0.0	1,202.0	1,269.8
4/5/2004	jps	2,113,092	5	0.3	24,870.0	190	437	67.8	1,202.1	0.0	1,202.1	1,270.1
4/7/2004	jps	2,118,019	5	0.3	24,892.0	190	437	67.8	1,202.1	0.0	1,202.1	1,270.2
4/8/2004	jps	2,119,958	5	0.3	24,915.0	186	437	67.9	1,202.8	0.0	1,202.8	1,271.0
4/11/2004	jps	2,120,714	5	0.3	24,987.0	186	437	68.2	1,202.8	0.0	1,202.8	1,271.3
4/14/2004	jps	2,125,860	5	0.3	25,132.0	186	437	68.8	1,203.2	0.0	1,203.2	1,272.3
4/23/2004	jps	2,125,886	5	0.3	25,274.0	186	437	69.4	1,203.5	0.0	1,203.5	1,273.1
4/27/2004	jps	2,126,012	5	0.3	25,371.0	186	437	69.8	1,203.6	0.0	1,203.6	1,273.6
5/3/2004	jps	2,145,331	5	0.3	25,520.0	227	437	70.5	1,204.0	0.0	1,204.0	1,274.8
5/7/2004	jps	2,149,446	5	0.3	25,609.0	227	437	71.0	1,205.3	0.0	1,205.3	1,276.5
5/11/2004	jps	2,156,639	5	0.3	25,704.0	227	437	71.4	1,206.6	0.0	1,206.6	1,278.3
5/19/2004	jps	2,182,398	5	0.3	25,723.0	227	437	71.5	1,208.7	0.0	1,208.7	1,280.5
5/20/2004	jps	2,185,617	5	0.3	25,732.0	227	437	71.6	1,209.4	0.0	1,209.4	1,281.2
5/22/2004	jps	2,192,057	5	0.3	25,780.0	227	437	71.8	1,213.5	0.0	1,213.5	1,285.6
5/30/2004	jps	2,217,815	5	0.3	25,974.0	227	437	72.8	1,216.9	0.0	1,216.9	1,289.9
6/15/2004	jps	2,266,112	5	0.3	26,167.0	228	437	73.7	1,221.5	0.0	1,221.5	1,295.6

TABLE 3

Hydrocarbon and Groundwater Recovery (Barrels)

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

Date	Tech	Flow Meter (gal)	TPH Conc. (ppm)	Dissolved Removed (bbls)	Hours	Vapor Flow (cfm)	Vapor Conc. (ppmv)	Vapor Removed (bbls)	PSH in Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
6/17/2004	jps	2,272,552	5	0.3	26,209.0	228	437	73.9	1,221.8	0.0	1,221.8	1,296.0
6/20/2004	jps	2,282,211	5	0.3	26,314.0	228	437	74.5	1,222.4	0.0	1,222.4	1,297.1
6/25/2004	jps	2,298,310	5	0.3	26,408.0	228	437	74.9	1,222.9	0.0	1,222.9	1,298.1
6/26/2004	jps	2,299,270	5	0.3	26,431.0	228	437	75.1	1,223.2	0.0	1,223.2	1,298.5
7/2/2004	jps	2,304,241	5	0.3	26,571.0	228	437	75.7	1,223.3	0.0	1,223.3	1,299.4
7/3/2004	jps	2,306,015	5	0.3	26,539.0	228	437	75.7	1,223.3	0.0	1,223.3	1,299.4
7/4/2004	jps	2,307,575	5	0.3	26,619.0	228	437	76.1	1,223.5	0.0	1,223.5	1,299.9
7/7/2004	jps	2,312,956	5	0.3	26,690.0	228	437	76.5	1,223.6	0.0	1,223.6	1,300.3
7/9/2004	jps	2,315,921	5	0.3	26,745.0	228	437	76.8	1,223.6	0.0	1,223.6	1,300.6
7/12/2004	jps	2,317,645	5	0.3	26,809.0	228	437	77.1	1,223.6	0.0	1,223.6	1,300.9
7/14/2004	jps	2,319,603	5	0.3	26,858.0	228	437	77.3	1,223.7	0.0	1,223.7	1,301.3
7/19/2004	jps	2,324,870	5	0.3	26,969.0	228	437	77.9	1,223.7	0.0	1,223.7	1,301.9
8/5/2004	jps	2,329,914	5	0.3	27,381.0	219	437	79.9	1,223.9	0.0	1,223.9	1,304.1
8/7/2004	jps	2,330,780	5	0.3	27,438.0	219	437	80.1	1,223.9	0.0	1,223.9	1,304.3
8/9/2004	jps	2,330,780	5	0.3	27,481.0	219	437	80.3	1,223.9	0.0	1,223.9	1,304.5
8/10/2004	jps	2,330,780	5	0.3	27,502.0	219	437	80.4	1,223.9	0.0	1,223.9	1,304.7
8/11/2004	jps	2,330,781	5	0.3	27,530.0	219	437	80.6	1,224.0	0.0	1,224.0	1,304.9
8/18/2004	jps	2,331,714	5	0.3	27,699.0	219	437	81.4	1,224.2	0.0	1,224.2	1,305.8
8/22/2004	jps	2,332,479	5	0.3	27,793.0	219	437	81.8	1,224.3	0.0	1,224.3	1,306.4
8/23/2004	jps	2,332,481	5	0.3	27,818.0	161	437	81.9	1,224.4	0.0	1,224.4	1,306.6
8/24/2004	jps	2,332,483	5	0.3	27,838.0	120	437	82.0	1,225.2	0.0	1,225.2	1,307.4
8/25/2004	jps	2,333,537	5	0.3	27,861.0	120	437	82.0	1,225.7	0.0	1,225.7	1,308.0
8/26/2004	jps	2,333,738	5	0.3	27,884.0	95	437	82.1	1,225.8	0.0	1,225.8	1,308.2
8/28/2004	jps	2,335,239	5	0.3	27,933.0	95	437	82.2	1,226.2	0.0	1,226.2	1,308.6
8/30/2004	jps	2,336,045	5	0.3	27,980.0	95	437	82.3	1,226.5	0.0	1,226.5	1,309.0
9/1/2004	jps	2,336,955	5	0.3	28,032.0	95	437	82.4	1,226.8	0.0	1,226.8	1,309.5
9/3/2004	jps	2,338,691	5	0.3	28,083.0	95	437	82.5	1,226.8	0.0	1,226.8	1,309.6
9/5/2004	jps	2,340,466	5	0.3	28,134.0	95	437	82.6	1,227.1	0.0	1,227.1	1,310.0
9/7/2004	jps	2,342,255	5	0.3	28,178.0	95	437	82.7	1,227.5	0.0	1,227.5	1,310.4
9/9/2004	jps	2,345,212	5	0.3	28,225.0	95	437	82.8	1,228.4	0.0	1,228.4	1,311.5
9/19/2004	jps	2,359,365	5	0.3	28,468.0	95	437	83.3	1,231.0	0.0	1,231.0	1,314.6
9/29/2004	jps	2,370,837	5	0.3	28,704.0	95	437	83.8	1,232.8	0.0	1,232.8	1,316.9
10/1/2004	jps	2,377,277	5	0.3	28,751.0	95	437	83.9	1,232.8	0.0	1,232.8	1,317.0
10/4/2004	jps	2,379,744	5	0.3	28,824.0	95	437	84.0	1,233.9	0.0	1,233.9	1,318.3
10/5/2004	jps	2,381,426	5	0.3	28,847.0	95	437	84.1	1,234.9	0.0	1,234.9	1,319.3
10/7/2004	jps	2,385,108	2	0.3	28,896.0	95	437	84.2	1,236.1	0.0	1,236.1	1,320.6
10/11/2004	jps	2,391,913	2	0.3	28,983.0	95	437	84.4	1,238.0	0.0	1,238.0	1,322.7
10/15/2004	jps	2,399,838	2	0.3	29,082.0	95	437	84.6	1,238.6	0.0	1,238.6	1,323.5
10/17/2004	jps	2,405,333	2	0.3	28,847.0	95	437	84.6	1,240.8	0.0	1,240.8	1,325.7
10/18/2004	jps	2,406,556	2	0.3	29,155.0	95	437	85.2	1,241.4	0.0	1,241.4	1,326.9
10/20/2004	jps	2,412,996	2	0.3	29,190.0	95	437	85.3	1,243.9	0.0	1,243.9	1,329.4
10/22/2004	jps	2,415,608	2	0.3	29,251.0	95	437	85.4	1,248.1	0.0	1,248.1	1,333.8
10/25/2004	jps	2,422,468	2	0.3	29,324.0	95	437	85.6	1,254.5	0.0	1,254.5	1,340.4
10/26/2004	jps	2,424,865	2	0.3	29,346.0	95	437	85.6	1,256.8	0.0	1,256.8	1,342.7
11/4/2004	jps	2,447,276	2	0.3	29,545.0	95	437	86.0	1,262.8	0.0	1,262.8	1,349.1

TABLE 3

Hydrocarbon and Groundwater Recovery (Barrels)

H2A ENVIRONMENTAL LTD.

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

Date	Tech	Flow Meter (gal)	TPH Conc. (ppm)	Dissolved Removed (bbls)	Hours	Vapor Flow (cfm)	Vapor Conc. (ppmv)	Vapor Removed (bbls)	PSH in Product Tank (bbls)	PSH Returned (bbls)	Product Removed (bbls)	Total Removed (bbls)
11/8/2004	jps	2,459,522	2	0.3	29,654.0	95	437	86.3	1,263.4	0.0	1,263.4	1,350.0
11/15/2004	jps	2,481,975	2	0.3	29,808.0	95	437	86.6	1,264.1	0.0	1,264.1	1,351.0
11/25/2004	jps	2,520,110	2	0.3	30,065.0	95	437	87.1	1,264.4	0.0	1,264.4	1,351.8
11/29/2004	jps	2,535,617	2	0.3	30,168.0	95	437	87.3	1,264.8	0.0	1,264.8	1,352.4
12/1/2004	jps	2,545,090	2	0.3	30,218.0	95	437	87.4	1,265.1	0.0	1,265.1	1,352.8
12/6/2004	jps	2,570,630	2	0.3	30,334.0	95	437	87.7	1,265.8	0.0	1,265.8	1,353.7
12/11/2004	jps	2,581,531	2	0.3	30,450.0	95	437	87.9	1,266.1	0.0	1,266.1	1,354.3
12/14/2004	jps	2,588,854	2	0.3	30,527.0	95	437	88.1	1,266.5	0.0	1,266.5	1,354.8
12/19/2004	jps	2,594,288	2	0.3	30,647.0	95	437	88.3	1,266.7	0.0	1,266.7	1,355.3
12/22/2004	jps	2,598,158	2	0.3	30,719.0	95	437	88.5	1,266.8	0.0	1,266.8	1,355.6
12/25/2004	jps	2,603,083	2	0.3	30,792.0	95	437	88.6	1,267.1	0.0	1,267.1	1,356.0
12/31/2004	jps	2,617,491	2	0.3	30,931.0	95	437	88.9	1,268.4	0.0	1,268.4	1,357.6

Summary Report

Monica Slentz
H2A Environmental
11999 Katy Frwy Suite 320
Houston, TX 77079

Report Date: March 31, 2004

Work Order: 4032216

Incident #: 300143
Project Location: 2 miles south of Jal, NM on Hwy 18
Project Name: Jal Basin Station

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
29984	MW-21	water	2004-03-17	08:00	2004-03-19
29985	MW-17	water	2004-03-17	09:00	2004-03-19
29986	MW-16	water	2004-03-17	10:00	2004-03-19
29987	MW-1	water	2004-03-17	12:00	2004-03-19
29988	MW-5	water	2004-03-17	13:00	2004-03-19
29989	MW-11	water	2004-03-17	14:00	2004-03-19
29990	MW-15	water	2004-03-17	15:00	2004-03-19
29991	MW-13	water	2004-03-17	16:00	2004-03-19
29992	Effluent	water	2004-03-17	16:30	2004-03-19

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
29984 - MW-21	<0.00500	<0.00500	<0.00500	<0.00500
29985 - MW-17	<0.00500	<0.00500	<0.00500	<0.00500
29986 - MW-16	<0.00500	<0.00500	<0.00500	<0.00500
29987 - MW-1	<0.00500	<0.00500	<0.00500	<0.00500
29988 - MW-5	<0.00500	<0.00500	<0.00500	<0.00500
29989 - MW-11	<0.00500	<0.00500	<0.00500	<0.00500
29990 - MW-15	<0.00500	<0.00500	<0.00500	<0.00500
29991 - MW-13	<0.00100	<0.00100	<0.00100	<0.00100
29992 - Effluent	<0.00500	<0.00500	<0.00500	<0.00500

Analytical and Quality Control Report

Monica Slentz
H2A Environmental
11999 Katy Frwy Suite 320
Houston, TX 77079

Report Date: March 31, 2004

Work Order: 4032216

Incident #: 300143
Project Location: 2 miles south of Jal, NM on Hwy 18
Project Name: Jal Basin Station
Project Number: 106.001

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
29984	MW-21	water	2004-03-17	08:00	2004-03-19
29985	MW-17	water	2004-03-17	09:00	2004-03-19
29986	MW-16	water	2004-03-17	10:00	2004-03-19
29987	MW-1	water	2004-03-17	12:00	2004-03-19
29988	MW-5	water	2004-03-17	13:00	2004-03-19
29989	MW-11	water	2004-03-17	14:00	2004-03-19
29990	MW-15	water	2004-03-17	15:00	2004-03-19
29991	MW-13	water	2004-03-17	16:00	2004-03-19
29992	Effluent	water	2004-03-17	16:30	2004-03-19

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 29984 - MW-21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00500		mg/L	5	0.00100
Toluene		<0.00500		mg/L	5	0.00100
Ethylbenzene		<0.00500		mg/L	5	0.00100
Xylene		<0.00500		mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.484	mg/L	5	0.100	97	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.424	mg/L	5	0.100	85	65.6 - 141

Sample: 29985 - MW-17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00500		mg/L	5	0.00100
Toluene		<0.00500		mg/L	5	0.00100
Ethylbenzene		<0.00500		mg/L	5	0.00100
Xylene		<0.00500		mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.530	mg/L	5	0.100	106	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.452	mg/L	5	0.100	90	65.6 - 141

Sample: 29986 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00500		mg/L	5	0.00100
Toluene		<0.00500		mg/L	5	0.00100
Ethylbenzene		<0.00500		mg/L	5	0.00100
Xylene		<0.00500		mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.518	mg/L	5	0.100	104	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.443	mg/L	5	0.100	89	65.6 - 141

Sample: 29987 - MW-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.511	mg/L	5	0.100	102	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.445	mg/L	5	0.100	89	65.6 - 141

Sample: 29988 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.501	mg/L	5	0.100	100	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.439	mg/L	5	0.100	88	65.6 - 141

Sample: 29989 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100

continued ...

sample 29989 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.486	mg/L	5	0.100	97	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.428	mg/L	5	0.100	86	65.6 - 141

Sample: 29990 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.489	mg/L	5	0.100	98	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.431	mg/L	5	0.100	86	65.6 - 141

Sample: 29991 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8528	Date Analyzed:	2004-03-25	Analyzed By:	MS
Prep Batch:	7598	Date Prepared:	2004-03-25	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0960	mg/L	1	0.100	96	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.0840	mg/L	1	0.100	84	65.6 - 141

Sample: 29992 - Effluent

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	8626	Date Analyzed:	2004-03-30	Analyzed By:	MS
Prep Batch:	7680	Date Prepared:	2004-03-30	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.458	mg/L	5	0.100	92	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.365	mg/L	5	0.100	73	65.6 - 141

Method Blank (1) QC Batch: 8528

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0922	mg/L	1	0.100	92	76.2 - 119
4-Bromofluorobenzene (4-BFB)		0.0888	mg/L	1	0.100	89	58.5 - 136

Method Blank (1) QC Batch: 8626

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0891	mg/L	1	0.100	89	76.2 - 119
4-Bromofluorobenzene (4-BFB)		0.0701	mg/L	1	0.100	70	58.5 - 136

Laboratory Control Spike (LCS-1) QC Batch: 8528

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0967	0.0970	mg/L	1	0.100	<0.000338	97	0	84.6 - 117	20

continued ...

control spikes continued...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Toluene	0.0930	0.0928	mg/L	1	0.100	<0.000299	93	0	80.9 - 115	20
Ethylbenzene	0.0887	0.0899	mg/L	1	0.100	<0.000469	89	1	77.6 - 119	20
Xylene	0.264	0.269	mg/L	1	0.300	<0.000787	88	2	76.2 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0943	0.0966	mg/L	1	0.100	94	97	79.7 - 119
4-Bromofluorobenzene (4-BFB)	0.0882	0.0891	mg/L	1	0.100	88	89	65.6 - 141

Laboratory Control Spike (LCS-1) QC Batch: 8626

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0934	0.0997	mg/L	1	0.100	<0.000338	93	6	84.6 - 117	20
Toluene	0.0878	0.0926	mg/L	1	0.100	<0.000299	88	5	80.9 - 115	20
Ethylbenzene	0.0847	0.0889	mg/L	1	0.100	<0.000469	85	5	77.6 - 119	20
Xylene	0.250	0.264	mg/L	1	0.300	<0.000787	83	5	76.2 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0921	0.0946	mg/L	1	0.100	92	95	79.7 - 119
4-Bromofluorobenzene (4-BFB)	0.0783	0.0830	mg/L	1	0.100	78	83	65.6 - 141

Standard (ICV-1) QC Batch: 8528

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0967	97	85 - 115	2004-03-25
Toluene		mg/L	0.100	0.0924	92	85 - 115	2004-03-25
Ethylbenzene		mg/L	0.100	0.0902	90	85 - 115	2004-03-25
Xylene		mg/L	0.300	0.266	89	85 - 115	2004-03-25

Standard (CCV-1) QC Batch: 8528

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0951	95	85 - 115	2004-03-25
Toluene		mg/L	0.100	0.0916	92	85 - 115	2004-03-25
Ethylbenzene		mg/L	0.100	0.0883	88	85 - 115	2004-03-25
Xylene		mg/L	0.300	0.262	87	85 - 115	2004-03-25

Standard (CCV-2) QC Batch: 8528

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0972	97	85 - 115	2004-03-25
Toluene		mg/L	0.100	0.0929	93	85 - 115	2004-03-25
Ethylbenzene		mg/L	0.100	0.0907	91	85 - 115	2004-03-25
Xylene		mg/L	0.300	0.270	90	85 - 115	2004-03-25

Standard (ICV-1) QC Batch: 8626

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0995	100	85 - 115	2004-03-30
Toluene		mg/L	0.100	0.0932	93	85 - 115	2004-03-30
Ethylbenzene		mg/L	0.100	0.0872	87	85 - 115	2004-03-30
Xylene		mg/L	0.300	0.259	86	85 - 115	2004-03-30

Standard (CCV-1) QC Batch: 8626

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0962	96	85 - 115	2004-03-30
Toluene		mg/L	0.100	0.0903	90	85 - 115	2004-03-30
Ethylbenzene		mg/L	0.100	0.0868	87	85 - 115	2004-03-30
Xylene		mg/L	0.300	0.257	86	85 - 115	2004-03-30

4032216

TRACE ANALYSIS INC.
6701 Aberdeen Ave., Suite 9
Lubbock, TX 79424
800-378-1296 Fax 806-794-1298
Email Lab @ traceanalysis.com

SHELL OIL PRODUCTS US / MOTIVA Chain of Custody Record

Shell Project Manager to be invoiced:
☐ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON
Name: Ron Springer
Address: 777 Walker St TSP 1206
City/Street: Houston TX Zip: 77002
Telephone: 713-544-9479 Email:

INCIDENT NUMBER (S&E ONLY): 3 0 0 1 4 3
SAP or CRMT NUMBER (TS/CRMT):
LAB ORDER ID:
LAB USE ONLY:
PAGE: ___ of ___

CONSULTANT COMPANY: H2A Environmental
ADDRESS: 11999 Katy Freeway Suite 320
CITY: Houston TX 77079
TELEPHONE: FAX: EMAIL:

SITE NAME/ADDRESS (Street and City): Jal Station / Jal NM
PROJECT CONTACT (Report To): Monica Slentz
CONSULTANT PROJECT NO.: 106.001
SAMPLER NAME(S) (Print): John Savoie

TURNAROUND TIME (BUSINESS DAYS):
☐ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:
GCMS MTBE CONFIRMATION: HIGHEST HIGHEST per BORING ALL

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO3	H2SO4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TPH TX1005 Extended	PAH 8270C	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	TPH 8015 DRO	Turn Around Time if different from standard	Hold
29984	mw-21	2	2HA	X				X				X		3-17-04	0800		X															
85	mw-17														0900																	
86	mw-16														1000																	
87	mw-1														1200																	
88	mw-5														1300																	
89	mw-11														1400																	
90	mw-15														1500																	
91	mw-13														1600																	
92	Effluent	↓	↓												1630		↓															
93	LRP-1	1	1HA			X									1700														X			
94	LRP-2	↓	↓			↓						↓		↓	1710														X			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	3-17-04	0830			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	3-19-04	1352

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 2 °
Log-In Review MA

REMARKS:
☐ Check If Dry Weight Reporting Is Required
☐ Check If Special Reporting Limits Are Needed
☐ Check If TRRP Reports Are Required

Carrier # FED 841860261566

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

Summary Report

Monica Slentz
H2A Environmental
11999 Katy Frwy Suite 320
Houston, TX 77079

Report Date: July 6, 2004

Work Order: 4062815

Incident #: 300143
Project Location: 2 miles south of Jal, NM on Hwy 18
Project Name: Jal Basin Station

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
37647	MW-1	water	2004-06-26	09:00	2004-06-28
37648	MW-5	water	2004-06-26	09:45	2004-06-28
37649	MW-11	water	2004-06-26	10:30	2004-06-28
37650	MW-13	water	2004-06-26	11:30	2004-06-28
37651	MW-15	water	2004-06-26	11:00	2004-06-28
37652	MW-16	water	2004-06-25	10:00	2004-06-28
37653	MW-17	water	2004-06-25	09:00	2004-06-28
37654	MW-21	water	2004-06-25	08:00	2004-06-28
37655	Effluent	water	2004-06-26	12:00	2004-06-28

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
37647 - MW-1	<0.00500	<0.00500	<0.00500	<0.00500
37648 - MW-5	<0.00100	0.00190	<0.00100	<0.00100
37649 - MW-11	<0.00100	0.00100	<0.00100	<0.00100
37650 - MW-13	<0.00100	<0.00100	<0.00100	<0.00100
37651 - MW-15	<0.00100	<0.00100	<0.00100	<0.00100
37652 - MW-16	<0.00100	<0.00100	<0.00100	<0.00100
37653 - MW-17	<0.00100	<0.00100	<0.00100	<0.00100
37654 - MW-21	<0.00100	<0.00100	<0.00100	<0.00100
37655 - Effluent	<0.00100	<0.00100	<0.00100	<0.00100

Analytical and Quality Control Report

Monica Slentz
H2A Environmental
11999 Katy Frwy Suite 320
Houston, TX 77079

Report Date: July 6, 2004

Work Order: 4062815

Incident #: 300143
Project Location: 2 miles south of Jal, NM on Hwy 18
Project Name: Jal Basin Station
Project Number: 106.001

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
37647	MW-1	water	2004-06-26	09:00	2004-06-28
37648	MW-5	water	2004-06-26	09:45	2004-06-28
37649	MW-11	water	2004-06-26	10:30	2004-06-28
37650	MW-13	water	2004-06-26	11:30	2004-06-28
37651	MW-15	water	2004-06-26	11:00	2004-06-28
37652	MW-16	water	2004-06-25	10:00	2004-06-28
37653	MW-17	water	2004-06-25	09:00	2004-06-28
37654	MW-21	water	2004-06-25	08:00	2004-06-28
37655	Effluent	water	2004-06-26	12:00	2004-06-28

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Blair Leftwich

Dr. Blair Leftwich, Director

Analytical Report

Sample: 37647 - MW-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10809	Date Analyzed:	2004-07-01	Analyzed By:	MS
Prep Batch:	9557	Date Prepared:	2004-07-01	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene	[1]	<0.00500		mg/L	5	0.00100
Toluene		<0.00500		mg/L	5	0.00100
Ethylbenzene		<0.00500		mg/L	5	0.00100
Xylene		<0.00500		mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.524	mg/L	5	0.100	105	79.7 - 119
4-Bromofluorobenzene (4-BFB)		0.407	mg/L	5	0.100	81	65.6 - 141

Sample: 37648 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10781	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9533	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00100		mg/L	1	0.00100
Toluene		0.00190		mg/L	1	0.00100
Ethylbenzene		<0.00100		mg/L	1	0.00100
Xylene		<0.00100		mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0945	mg/L	1	0.100	94	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0891	mg/L	1	0.100	89	53.1 - 149

Sample: 37649 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10781	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9533	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00100		mg/L	1	0.00100
Toluene		0.00100		mg/L	1	0.00100
Ethylbenzene		<0.00100		mg/L	1	0.00100
Xylene		<0.00100		mg/L	1	0.00100

[1] Sample was reanalyzed due to possible carry over from the previous sample.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0935	mg/L	1	0.100	94	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0861	mg/L	1	0.100	86	53.1 - 149

Sample: 37650 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10783	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9534	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0944	mg/L	1	0.100	94	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0878	mg/L	1	0.100	88	53.1 - 149

Sample: 37651 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10783	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9534	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0931	mg/L	1	0.100	93	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0868	mg/L	1	0.100	87	53.1 - 149

Sample: 37652 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10783	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9534	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100

continued ...

sample 37652 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0939	mg/L	1	0.100	94	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0873	mg/L	1	0.100	87	53.1 - 149

Sample: 37653 - MW-17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10783	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9534	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[2]	0.186	mg/L	1	0.200	93	78.4 - 118
4-Bromofluorobenzene (4-BFB)	[3]	0.188	mg/L	1	0.200	94	53.1 - 149

Sample: 37654 - MW-21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10783	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9534	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0887	mg/L	1	0.100	89	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0817	mg/L	1	0.100	82	53.1 - 149

[2]Changed spike amount from 0.1 to 0.2 due to prep. 2x normal amount of surrogate was used.
[3]Changed spike amount from 0.1 to 0.2 due to prep. 2x normal amount of surrogate was used.

Sample: 37655 - Effluent

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	10783	Date Analyzed:	2004-06-30	Analyzed By:	MT
Prep Batch:	9534	Date Prepared:	2004-06-30	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0908	mg/L	1	0.100	91	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0886	mg/L	1	0.100	89	53.1 - 149

Method Blank (1) QC Batch: 10781

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0912	mg/L	1	0.100	91	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0852	mg/L	1	0.100	85	70 - 130

Method Blank (1) QC Batch: 10783

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0848	mg/L	1	0.100	85	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0786	mg/L	1	0.100	79	70 - 130

Method Blank (1) QC Batch: 10809

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001

continued ...

method blank continued ...

Parameter	Flag	Result	Units	RL
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.107	mg/L	1	0.100	107	76.2 - 119
4-Bromofluorobenzene (4-BFB)		0.0829	mg/L	1	0.100	83	58.5 - 136

Laboratory Control Spike (LCS-1) QC Batch: 10781

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0977	0.0930	mg/L	1	0.100	<0.000136	98	5	70 - 130	20
Toluene	0.0970	0.0922	mg/L	1	0.100	<0.000247	97	5	70 - 130	20
Ethylbenzene	0.0984	0.0937	mg/L	1	0.100	<0.000550	98	5	70 - 130	20
Xylene	0.301	0.288	mg/L	1	0.300	<0.00156	100	4	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0930	0.0917	mg/L	1	0.100	93	92	70 - 130
4-Bromofluorobenzene (4-BFB)	0.0947	0.0925	mg/L	1	0.100	95	92	70 - 130

Laboratory Control Spike (LCS-1) QC Batch: 10783

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.101	0.0911	mg/L	1	0.100	<0.000136	101	10	70 - 130	20
Toluene	0.0993	0.0901	mg/L	1	0.100	<0.000247	99	10	70 - 130	20
Ethylbenzene	0.101	0.0907	mg/L	1	0.100	<0.000550	101	11	70 - 130	20
Xylene	0.310	0.277	mg/L	1	0.300	<0.00156	103	11	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0984	0.0907	mg/L	1	0.100	98	91	70 - 130
4-Bromofluorobenzene (4-BFB)	0.101	0.0916	mg/L	1	0.100	101	92	70 - 130

Laboratory Control Spike (LCS-1) QC Batch: 10809

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.111	0.105	mg/L	1	0.100	<0.000338	111	5	84.6 - 117	20
Toluene	0.103	0.0992	mg/L	1	0.100	<0.000299	103	4	80.9 - 115	20
Ethylbenzene	0.102	0.0976	mg/L	1	0.100	<0.000469	102	4	77.6 - 119	20

continued ...

control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Xylene	0.300	0.288	mg/L	1	0.300	<0.000787	100	4	76.2 - 122	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.104	0.110	mg/L	1	0.100	104	110	79.7 - 119
4-Bromofluorobenzene (4-BFB)	0.0897	0.0940	mg/L	1	0.100	90	94	65.6 - 141

Standard (CCV-1) QC Batch: 10781

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0978	98	85 - 115	2004-06-30
Toluene		mg/L	0.100	0.0967	97	85 - 115	2004-06-30
Ethylbenzene		mg/L	0.100	0.0974	97	85 - 115	2004-06-30
Xylene		mg/L	0.300	0.297	99	85 - 115	2004-06-30

Standard (CCV-2) QC Batch: 10781

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0952	95	85 - 115	2004-06-30
Toluene		mg/L	0.100	0.0952	95	85 - 115	2004-06-30
Ethylbenzene		mg/L	0.100	0.0954	95	85 - 115	2004-06-30
Xylene		mg/L	0.300	0.292	97	85 - 115	2004-06-30

Standard (ICV-1) QC Batch: 10783

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.100	100	85 - 115	2004-06-30
Toluene		mg/L	0.100	0.0998	100	85 - 115	2004-06-30
Ethylbenzene		mg/L	0.100	0.101	101	85 - 115	2004-06-30
Xylene		mg/L	0.300	0.307	102	85 - 115	2004-06-30

Standard (CCV-1) QC Batch: 10783

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0898	90	85 - 115	2004-06-30
Toluene		mg/L	0.100	0.0886	89	85 - 115	2004-06-30
Ethylbenzene		mg/L	0.100	0.0894	89	85 - 115	2004-06-30
Xylene		mg/L	0.300	0.272	91	85 - 115	2004-06-30

Standard (ICV-1) QC Batch: 10809

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.103	103	85 - 115	2004-07-01
Toluene		mg/L	0.100	0.0960	96	85 - 115	2004-07-01
Ethylbenzene		mg/L	0.100	0.0944	94	85 - 115	2004-07-01
Xylene		mg/L	0.300	0.278	93	85 - 115	2004-07-01

Standard (CCV-1) QC Batch: 10809

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.100	100	85 - 115	2004-07-01
Toluene		mg/L	0.100	0.0930	93	85 - 115	2004-07-01
Ethylbenzene		mg/L	0.100	0.0909	91	85 - 115	2004-07-01
Xylene		mg/L	0.300	0.268	90	85 - 115	2004-07-01

Report Date: July 6, 2004
106.001

Work Order: 4062815
Jal Basin Station

Page Number: 9 of 9
2 miles south of Jal, NM on Hwy 18

TRACE ANALYSIS INC.
6701 Aberdeen Ave., Suite 9
Lubbock, TX 79424
800-378-1296 Fax 806-794-1298
Email Lab @ traceanalysis.com

SHELL OIL PRODUCTS US / MOTIVA Chain of Custody Record

Shell Project Manager to be invoiced:
[X] SCIENCE & ENGINEERING [ ] TECHNICAL SERVICES [ ] CRMT HOUSTON
Name: Ken Springer
Address: 777 Walker ST TSP1206
City/Street: Houston TX Zip: 77002
Telephone: 713-241-9979 Email:

INCIDENT NUMBER (S&E ONLY): 3 0 0 1 4 3
SAP or CRMT NUMBER (TS/CRMT):

LAB ORDER ID: 4062815
LAB USE ONLY
PAGE: ____ of ____

CONSULTANT COMPANY: H2A Environmental
ADDRESS: 11999 Katy Freeway Suite 320
CITY: Houston TX 77079
TELEPHONE: FAX: EMAIL:

SITE NAME/ADDRESS (Street and City): Jal Station / Jal NM
PROJECT CONTACT (Report to): Monica Sleatz
CONSULTANT PROJECT NO.: 106.001
SAMPLER NAME(S) (Print): John Savoie

TURNAROUND TIME (BUSINESS DAYS):
[X] 10 DAYS [ ] 5 DAYS [ ] 72 HOURS [ ] 48 HOURS [ ] 24 HOURS [ ] LESS THAN 24 HOURS
[ ] LA - RWQCB REPORT FORMAT [ ] UST AGENCY:
GC/MS MTBE CONFIRMATION: HIGHEST ____ HIGHEST per BORING ____ ALL ____

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TPH TX1005 Extended	PAH 8270C	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCBs 8082/608	Pesticides 8081A/608	BOD, TSS, pH	TPH 1005 DRO	Turn Around Time if different from standard	Hold
37647	mw-1	2(40)	40.	X				X				X		6-26-04	0900		X													X		
48	mw-5													6-26-04	0945																	
49	mw-11													6-26-04	1030																	
50	mw-13													6-26-04	1130																	
51	mw-15													6-26-04	1100																	
52	mw-16													6-25-04	1000																	
53	mw-17													6-25-04	0900																	
54	mw-21													6-25-04	0800																	
55	Effluent													6-26-04	1200																	
56	LRP-1					X								6-26-04	1210														X			
57	LRP-2					X								6-26-04	1220														X			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	6-28-04	11:15	[signature]		
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Stella Medina	6-28-04	11:15

LAB USE ONLY
Intact Y N
Headspace Y N
Temp 4°C
Log-in Review MA

REMARKS:

[ ] Check If Dry Weight Reporting Is Required
[ ] Check If Special Reporting Limits Are Needed
[ ] Check If TRRP Reports Are Required

Carrier # Carrying

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

Summary Report

Monica Slentz
H2A Environmental
11999 Katy Frwy Suite 320
Houston, TX 77079

Report Date: October 8, 2004

Work Order: 4100402

Incident #: 300143
Project Location: 2 miles south of Jal, NM on Hwy 18
Project Name: Jal Basin Station

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
45029	MW-1	water	2004-09-29	13:30	2004-10-01
45030	MW-5	water	2004-09-29	14:00	2004-10-01
45031	MW-11	water	2004-09-29	14:30	2004-10-01
45032	MW-13	water	2004-09-29	15:30	2004-10-01
45033	MW-15	water	2004-09-29	15:00	2004-10-01
45034	MW-16	water	2004-09-29	12:30	2004-10-01
45035	MW-17	water	2004-09-29	13:00	2004-10-01
45036	MW-21	water	2004-09-29	07:30	2004-10-01
45037	Effluent	water	2004-09-29	16:00	2004-10-01

	BTEX			
Sample - Field Code	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
45029 - MW-1	<0.00100	<0.00100	<0.00100	<0.00100
45030 - MW-5	<0.00100	<0.00100	<0.00100	<0.00100
45031 - MW-11	<0.00100	<0.00100	<0.00100	<0.00100
45032 - MW-13	<0.00100	<0.00100	<0.00100	<0.00100
45033 - MW-15	<0.00100	<0.00100	<0.00100	<0.00100
45034 - MW-16	<0.00100	<0.00100	<0.00100	<0.00100
45035 - MW-17	<0.00100	<0.00100	<0.00100	<0.00100
45036 - MW-21	<0.00100	<0.00100	<0.00100	<0.00100
45037 - Effluent	<0.00100	<0.00100	<0.00100	0.00100

Analytical and Quality Control Report

Monica Slentz
H2A Environmental
11999 Katy Frwy Suite 320
Houston, TX 77079

Report Date: October 8, 2004

Work Order: 4100402

Incident #: 300143
Project Location: 2 miles south of Jal, NM on Hwy 18
Project Name: Jal Basin Station
Project Number: 106.001

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
45029	MW-1	water	2004-09-29	13:30	2004-10-01
45030	MW-5	water	2004-09-29	14:00	2004-10-01
45031	MW-11	water	2004-09-29	14:30	2004-10-01
45032	MW-13	water	2004-09-29	15:30	2004-10-01
45033	MW-15	water	2004-09-29	15:00	2004-10-01
45034	MW-16	water	2004-09-29	12:30	2004-10-01
45035	MW-17	water	2004-09-29	13:00	2004-10-01
45036	MW-21	water	2004-09-29	07:30	2004-10-01
45037	Effluent	water	2004-09-29	16:00	2004-10-01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Blair Leftwich

Dr. Blair Leftwich, Director

Analytical Report

Sample: 45029 - MW-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.102	mg/L	1	0.100	102	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0864	mg/L	1	0.100	86	53.1 - 149

Sample: 45030 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.100	mg/L	1	0.100	100	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0854	mg/L	1	0.100	85	53.1 - 149

Sample: 45031 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0998	mg/L	1	0.100	100	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0839	mg/L	1	0.100	84	53.1 - 149

Sample: 45032 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.101	mg/L	1	0.100	101	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0817	mg/L	1	0.100	82	53.1 - 149

Sample: 45033 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0996	mg/L	1	0.100	100	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0828	mg/L	1	0.100	83	53.1 - 149

Sample: 45034 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100

continued ...

sample 45034 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.107	mg/L	1	0.100	107	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0840	mg/L	1	0.100	84	53.1 - 149

Sample: 45035 - MW-17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0981	mg/L	1	0.100	98	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0829	mg/L	1	0.100	83	53.1 - 149

Sample: 45036 - MW-21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0982	mg/L	1	0.100	98	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0836	mg/L	1	0.100	84	53.1 - 149

Sample: 45037 - Effluent

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	13090	Date Analyzed:	2004-10-04	Analyzed By:	MT
Prep Batch:	11570	Date Prepared:	2004-10-04	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0954	mg/L	1	0.100	95	78.4 - 118
4-Bromofluorobenzene (4-BFB)		0.0957	mg/L	1	0.100	96	53.1 - 149

Method Blank (1) QC Batch: 13090

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.105	mg/L	1	0.100	105	70 - 130
4-Bromofluorobenzene (4-BFB)		0.0875	mg/L	1	0.100	88	70 - 130

Laboratory Control Spike (LCS-1) QC Batch: 13090

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0934	0.0931	mg/L	1	0.100	<0.000136	93	0	70 - 130	20
Toluene	0.0971	0.0965	mg/L	1	0.100	<0.000247	97	1	70 - 130	20
Ethylbenzene	0.104	0.104	mg/L	1	0.100	<0.000550	104	0	70 - 130	20
Xylene	0.341	0.340	mg/L	1	0.300	<0.00156	114	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.104	0.104	mg/L	1	0.100	104	104	70 - 130
4-Bromofluorobenzene (4-BFB)	0.110	0.110	mg/L	1	0.100	110	110	70 - 130

Standard (ICV-1) QC Batch: 13090

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0963	96	85 - 115	2004-10-04
Toluene		mg/L	0.100	0.101	101	85 - 115	2004-10-04
Ethylbenzene		mg/L	0.100	0.107	107	85 - 115	2004-10-04
Xylene	[1]	mg/L	0.300	0.349	116	85 - 115	2004-10-04

Standard (CCV-1) QC Batch: 13090

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0880	88	85 - 115	2004-10-04
Toluene		mg/L	0.100	0.0939	94	85 - 115	2004-10-04
Ethylbenzene		mg/L	0.100	0.0999	100	85 - 115	2004-10-04
Xylene		mg/L	0.300	0.327	109	85 - 115	2004-10-04

Standard (CCV-2) QC Batch: 13090

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0912	91	85 - 115	2004-10-04
Toluene		mg/L	0.100	0.0921	92	85 - 115	2004-10-04
Ethylbenzene		mg/L	0.100	0.0985	98	85 - 115	2004-10-04
Xylene		mg/L	0.300	0.323	108	85 - 115	2004-10-04

[1] Xylene outside normal limits in ICV. Other analyte recoveries show the method to be in control.

Report Date: October 8, 2004
106.001

Work Order: 4100402
Jal Basin Station

Page Number: 7 of 7
2 miles south of Jal, NM on Hwy 18

TRACE ANALYSIS INC.
6701 Aberdeen Ave., Suite 9
Lubbock, TX 79424
800-378-1296 Fax 806-794-1298
Email Lab @ traceanalysis.com

SHELL OIL PRODUCTS US / MOTIVA Chain of Custody Record

Shell Project Manager to be invoiced:
☒ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON
Name: Ken Springer
Address: 777 Walker ST SP 1206
City/Street: Houston TX Zip: 77002
Telephone: _____ Email: _____

INCIDENT NUMBER (S&E ONLY): 3 0 0 1 4 3
SAP or CRMT NUMBER (TS/CRMT):
LAB ORDER ID: 4100402
LAB USE ONLY: _____
PAGE: _____ of _____

CONSULTANT COMPANY: H2A Environmental
ADDRESS: 11999 Katy Freeway Suite 320
CITY: Houston TX 77079
TELEPHONE: _____ FAX: _____ EMAIL: _____

SITE NAME/ADDRESS (Street and City): Jal Station / Jal NM
PROJECT CONTACT (Report to): Monica Slentz
CONSULTANT PROJECT NO.: 106.001
SAMPLER NAME(S) (Print): John Savoie

TURNAROUND TIME (BUSINESS DAYS):
☐ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY: _____
GC/MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TPH TX1005 Extended	PAH 8270C	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol 8260B/624	GC/MS Semi Vol 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Turn Around Time if different from standard	Hold
45029	mw-1	2	2(40)	X				X				X		9-29-04	1330		X														
30	mw-5														1400																
31	mw-11														1430																
32	mw-13														1530																
33	mw-15														1500																
34	mw-16														1230																
35	mw-17														1300																
36	mw-21														0730																
37	Effluent														1600																

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	9-30-04	1000			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			[signature]	10-1-04	3:00

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 4 °
Log-in Review [signature]

REMARKS:

☐ Check If Dry Weight Reporting Is Required
☐ Check If Special Reporting Limits Are Needed
☐ Check If TRRP Reports Are Required

Carrier # Fed Ex 847929 416092

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

Summary Report

Michael Hawthorne
H2A-Southlake
430 North Carroll Ave.
Suite 120
Southlake, TX 76092

Report Date: January 3, 2005

Work Order: 4122114

Incident #: 300143
Project Location: Jal NM
Project Name: Jal Station
Project Number: 106.001

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
51296	MW-1	water	2004-12-19	11:00	2004-12-21
51297	MW-5	water	2004-12-19	12:00	2004-12-21
51298	MW-11	water	2004-12-19	13:00	2004-12-21
51299	MW-15	water	2004-12-19	14:00	2004-12-21
51300	MW-13	water	2004-12-19	15:00	2004-12-21
51301	MW-21	water	2004-12-20	08:00	2004-12-21
51302	MW-17	water	2004-12-20	09:30	2004-12-21
51303	MW-16	water	2004-12-20	11:00	2004-12-21

Sample: 51296 - MW-1

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200

continued ...

sample 51296 continued ...

Param	Flag	Result	Units	RL
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		**0.141**	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		**0.0400**	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		**0.162**	mg/L	0.0500

Sample: 51297 - MW-5

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		**0.228**	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 51298 - MW-11

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200

continued ...

sample 51298 continued ...

Param	Flag	Result	Units	RL
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		<0.100	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 51299 - MW-15

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		<0.100	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100

continued ...

sample 51299 continued ...

Param	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 51300 - MW-13

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		**0.228**	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 51301 - MW-21

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200

continued ...

sample 51301 continued ...

Param	Flag	Result	Units	RL
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		<0.100	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 51302 - MW-17

Param	Flag	Result	Units	RL
Benzene		<0.00500	mg/L	0.00100
Toluene		<0.00500	mg/L	0.00100
Ethylbenzene		<0.00500	mg/L	0.00100
Xylene		<0.00500	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		<0.100	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Sample: 51303 - MW-16

Param	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.00100
Toluene		<0.00100	mg/L	0.00100
Ethylbenzene		<0.00100	mg/L	0.00100
Xylene		<0.00100	mg/L	0.00100
Naphthalene		<0.000200	mg/L	0.200
Acenaphthylene		<0.000200	mg/L	0.200
Acenaphthene		<0.000200	mg/L	0.200
Fluorene		<0.000200	mg/L	0.200
Phenanthrene		<0.000200	mg/L	0.200
Anthracene		<0.000200	mg/L	0.200
Fluoranthene		<0.000200	mg/L	0.200
Pyrene		<0.000200	mg/L	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.200
Chrysene		<0.000200	mg/L	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.200
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.0100
Total Barium		<0.100	mg/L	0.100
Total Cadmium		<0.00500	mg/L	0.00500
Total Chromium		<0.0100	mg/L	0.0100
Total Mercury		<0.000200	mg/L	0.000200
Total Lead		<0.0100	mg/L	0.0100
Total Selenium		<0.0500	mg/L	0.0500

Analytical and Quality Control Report

Michael Hawthorne
H2A-Southlake
430 North Carroll Ave.
Suite 120
Southlake, TX 76092

Report Date: January 3, 2005

Work Order: 4122114

Incident #: 300143
Project Location: Jal NM
Project Name: Jal Station
Project Number: 106.001

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
51296	MW-1	water	2004-12-19	11:00	2004-12-21
51297	MW-5	water	2004-12-19	12:00	2004-12-21
51298	MW-11	water	2004-12-19	13:00	2004-12-21
51299	MW-15	water	2004-12-19	14:00	2004-12-21
51300	MW-13	water	2004-12-19	15:00	2004-12-21
51301	MW-21	water	2004-12-20	08:00	2004-12-21
51302	MW-17	water	2004-12-20	09:30	2004-12-21
51303	MW-16	water	2004-12-20	11:00	2004-12-21

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Dr. Blair Leftwich, Director

Analytical Report

Sample: 51296 - MW-1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00100		mg/L	1	0.00100
Toluene		<0.00100		mg/L	1	0.00100
Ethylbenzene		<0.00100		mg/L	1	0.00100
Xylene		<0.00100		mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0955	mg/L	1	0.100	96	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0736	mg/L	1	0.100	74	17.1 - 138

Sample: 51296 - MW-1

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	Result	RL	Units	Dilution	RL
Naphthalene		<0.000200		mg/L	0.001	0.200
Acenaphthylene		<0.000200		mg/L	0.001	0.200
Acenaphthene		<0.000200		mg/L	0.001	0.200
Fluorene		<0.000200		mg/L	0.001	0.200
Phenanthrene		<0.000200		mg/L	0.001	0.200
Anthracene		<0.000200		mg/L	0.001	0.200
Fluoranthene		<0.000200		mg/L	0.001	0.200
Pyrene		<0.000200		mg/L	0.001	0.200
Benzo(a)anthracene		<0.000200		mg/L	0.001	0.200
Chrysene		<0.000200		mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200		mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200		mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200		mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200		mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200		mg/L	0.001	0.200
Benzo(g,h,i)perylene		<0.000200		mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0619	mg/L	0.001	80.0	77	0 - 128
2-Fluorobiphenyl		0.0723	mg/L	0.001	80.0	90	0 - 140
Terphenyl-d14		0.0490	mg/L	0.001	80.0	61	0 - 165

Sample: 51296 - MW-1

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14986	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15081	Date Analyzed:	2005-01-03	Analyzed By:	RR
Prep Batch:	13270	Date Prepared:	2004-12-31	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Silver		<0.0125		mg/L	1	0.0125
Total Arsenic		<0.0100		mg/L	1	0.0100
Total Barium		0.141		mg/L	1	0.100
Total Cadmium		<0.00500		mg/L	1	0.00500
Total Chromium		0.0400		mg/L	1	0.0100
Total Mercury		<0.000200		mg/L	1	0.000200
Total Lead		<0.0100		mg/L	1	0.0100
Total Selenium		0.162		mg/L	1	0.0500

Sample: 51297 - MW-5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00100		mg/L	1	0.00100
Toluene		<0.00100		mg/L	1	0.00100
Ethylbenzene		<0.00100		mg/L	1	0.00100
Xylene		<0.00100		mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.100	mg/L	1	0.100	100	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0773	mg/L	1	0.100	77	17.1 - 138

Sample: 51297 - MW-5

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	Result	RL	Units	Dilution	RL
Naphthalene		<0.000200		mg/L	0.001	0.200
Acenaphthylene		<0.000200		mg/L	0.001	0.200
Acenaphthene		<0.000200		mg/L	0.001	0.200
Fluorene		<0.000200		mg/L	0.001	0.200
Phenanthrene		<0.000200		mg/L	0.001	0.200
Anthracene		<0.000200		mg/L	0.001	0.200
Fluoranthene		<0.000200		mg/L	0.001	0.200
Pyrene		<0.000200		mg/L	0.001	0.200

continued ...

sample 51297 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Benzo(a)anthracene		<0.000200	mg/L	0.001	0.200
Chrysene		<0.000200	mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.001	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0518	mg/L	0.001	80.0	65	0 - 128
2-Fluorobiphenyl		0.0591	mg/L	0.001	80.0	74	0 - 140
Terphenyl-d14		0.0480	mg/L	0.001	80.0	60	0 - 165

Sample: 51297 - MW-5

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14986	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.228	mg/L	1	0.100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 51298 - MW-11

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0960	mg/L	1	0.100	96	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0761	mg/L	1	0.100	76	17.1 - 138

Sample: 51298 - MW-11

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	0.001	0.200
Acenaphthylene		<0.000200	mg/L	0.001	0.200
Acenaphthene		<0.000200	mg/L	0.001	0.200
Fluorene		<0.000200	mg/L	0.001	0.200
Phenanthrene		<0.000200	mg/L	0.001	0.200
Anthracene		<0.000200	mg/L	0.001	0.200
Fluoranthene		<0.000200	mg/L	0.001	0.200
Pyrene		<0.000200	mg/L	0.001	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.001	0.200
Chrysene		<0.000200	mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.001	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0571	mg/L	0.001	80.0	71	0 - 128
2-Fluorobiphenyl		0.0675	mg/L	0.001	80.0	84	0 - 140
Terphenyl-d14		0.0533	mg/L	0.001	80.0	67	0 - 165

Sample: 51298 - MW-11

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14986	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		<0.100	mg/L	1	0.100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100

continued ...

sample 51298 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 51299 - MW-15

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0960	mg/L	1	0.100	96	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0755	mg/L	1	0.100	76	17.1 - 138

Sample: 51299 - MW-15

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	0.001	0.200
Acenaphthylene		<0.000200	mg/L	0.001	0.200
Acenaphthene		<0.000200	mg/L	0.001	0.200
Fluorene		<0.000200	mg/L	0.001	0.200
Phenanthrene		<0.000200	mg/L	0.001	0.200
Anthracene		<0.000200	mg/L	0.001	0.200
Fluoranthene		<0.000200	mg/L	0.001	0.200
Pyrene		<0.000200	mg/L	0.001	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.001	0.200
Chrysene		<0.000200	mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.001	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0547	mg/L	0.001	80.0	68	0 - 128
2-Fluorobiphenyl		0.0624	mg/L	0.001	80.0	78	0 - 140
Terphenyl-d14		0.0763	mg/L	0.001	80.0	95	0 - 165

Sample: 51299 - MW-15

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14986	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		<0.100	mg/L	1	0.100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 51300 - MW-13

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0965	mg/L	1	0.100	96	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0712	mg/L	1	0.100	71	17.1 - 138

Sample: 51300 - MW-13

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	0.001	0.200
Acenaphthylene		<0.000200	mg/L	0.001	0.200
Acenaphthene		<0.000200	mg/L	0.001	0.200
Fluorene		<0.000200	mg/L	0.001	0.200
Phenanthrene		<0.000200	mg/L	0.001	0.200
Anthracene		<0.000200	mg/L	0.001	0.200
Fluoranthene		<0.000200	mg/L	0.001	0.200
Pyrene		<0.000200	mg/L	0.001	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.001	0.200
Chrysene		<0.000200	mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.001	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0602	mg/L	0.001	80.0	75	0 - 128
2-Fluorobiphenyl		0.0694	mg/L	0.001	80.0	87	0 - 140
Terphenyl-d14		0.0587	mg/L	0.001	80.0	73	0 - 165

Sample: 51300 - MW-13

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14986	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		0.228	mg/L	1	0.100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 51301 - MW-21

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0984	mg/L	1	0.100	98	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0727	mg/L	1	0.100	73	17.1 - 138

Sample: 51301 - MW-21

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	RL Result	Units	Dilution	RL
Naphthalene		<0.000200	mg/L	0.001	0.200
Acenaphthylene		<0.000200	mg/L	0.001	0.200
Acenaphthene		<0.000200	mg/L	0.001	0.200
Fluorene		<0.000200	mg/L	0.001	0.200
Phenanthrene		<0.000200	mg/L	0.001	0.200
Anthracene		<0.000200	mg/L	0.001	0.200
Fluoranthene		<0.000200	mg/L	0.001	0.200
Pyrene		<0.000200	mg/L	0.001	0.200
Benzo(a)anthracene		<0.000200	mg/L	0.001	0.200
Chrysene		<0.000200	mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200	mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200	mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.001	0.200
Benzo(g,h,i)perylene		<0.000200	mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0604	mg/L	0.001	80.0	76	0 - 128
2-Fluorobiphenyl		0.0702	mg/L	0.001	80.0	88	0 - 140
Terphenyl-d14		0.0581	mg/L	0.001	80.0	73	0 - 165

Sample: 51301 - MW-21

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14988	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Silver		<0.0125		mg/L	1	0.0125
Total Arsenic		<0.0100		mg/L	1	0.0100
Total Barium		<0.100		mg/L	1	0.100
Total Cadmium		<0.00500		mg/L	1	0.00500
Total Chromium		<0.0100		mg/L	1	0.0100
Total Mercury		<0.000200		mg/L	1	0.000200
Total Lead		<0.0100		mg/L	1	0.0100
Total Selenium		<0.0500		mg/L	1	0.0500

Sample: 51302 - MW-17

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	Result	RL	Units	Dilution	RL
Benzene		<0.00500		mg/L	5	0.00100
Toluene		<0.00500		mg/L	5	0.00100
Ethylbenzene		<0.00500		mg/L	5	0.00100
Xylene		<0.00500		mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.463	mg/L	5	0.100	93	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.356	mg/L	5	0.100	71	17.1 - 138

Sample: 51302 - MW-17

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	Result	RL	Units	Dilution	RL
Naphthalene		<0.000200		mg/L	0.001	0.200
Acenaphthylene		<0.000200		mg/L	0.001	0.200
Acenaphthene		<0.000200		mg/L	0.001	0.200
Fluorene		<0.000200		mg/L	0.001	0.200
Phenanthrene		<0.000200		mg/L	0.001	0.200
Anthracene		<0.000200		mg/L	0.001	0.200
Fluoranthene		<0.000200		mg/L	0.001	0.200
Pyrene		<0.000200		mg/L	0.001	0.200
Benzo(a)anthracene		<0.000200		mg/L	0.001	0.200
Chrysene		<0.000200		mg/L	0.001	0.200
Benzo(b)fluoranthene		<0.000200		mg/L	0.001	0.200
Benzo(k)fluoranthene		<0.000200		mg/L	0.001	0.200
Benzo(a)pyrene		<0.000200		mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene		<0.000200		mg/L	0.001	0.200
Dibenzo(a,h)anthracene		<0.000200		mg/L	0.001	0.200

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sample 51302 continued ...

Parameter	Flag	Result	Units	Dilution	RL
Benzo(g,h,i)perylene		<0.000200	mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0629	mg/L	0.001	80.0	79	0 - 128
2-Fluorobiphenyl		0.0690	mg/L	0.001	80.0	86	0 - 140
Terphenyl-d14		0.0427	mg/L	0.001	80.0	53	0 - 165

Sample: 51302 - MW-17

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14988	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	Result	Units	Dilution	RL
Total Silver		<0.0125	mg/L	1	0.0125
Total Arsenic		<0.0100	mg/L	1	0.0100
Total Barium		<0.100	mg/L	1	0.100
Total Cadmium		<0.00500	mg/L	1	0.00500
Total Chromium		<0.0100	mg/L	1	0.0100
Total Mercury		<0.000200	mg/L	1	0.000200
Total Lead		<0.0100	mg/L	1	0.0100
Total Selenium		<0.0500	mg/L	1	0.0500

Sample: 51303 - MW-16

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5030B
QC Batch:	14925	Date Analyzed:	2004-12-24	Analyzed By:	MT
Prep Batch:	13178	Date Prepared:	2004-12-24	Prepared By:	MT

Parameter	Flag	Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0945	mg/L	1	0.100	94	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0739	mg/L	1	0.100	74	17.1 - 138

Sample: 51303 - MW-16

Analysis:	PAH	Analytical Method:	S 8270C	Prep Method:	S 3510C
QC Batch:	14947	Date Analyzed:	2004-12-26	Analyzed By:	RC
Prep Batch:	13201	Date Prepared:	2004-12-21	Prepared By:	RC

Parameter	Flag	Result	RL	Units	Dilution	RL
Naphthalene	*Not entered*	<0.000200		mg/L	0.001	0.200
Acenaphthylene	*Not entered*	<0.000200		mg/L	0.001	0.200
Acenaphthene	*Not entered*	<0.000200		mg/L	0.001	0.200
Fluorene	*Not entered*	<0.000200		mg/L	0.001	0.200
Phenanthrene	*Not entered*	<0.000200		mg/L	0.001	0.200
Anthracene	*Not entered*	<0.000200		mg/L	0.001	0.200
Fluoranthene	*Not entered*	<0.000200		mg/L	0.001	0.200
Pyrene	*Not entered*	<0.000200		mg/L	0.001	0.200
Benzo(a)anthracene	*Not entered*	<0.000200		mg/L	0.001	0.200
Chrysene	*Not entered*	<0.000200		mg/L	0.001	0.200
Benzo(b)fluoranthene	*Not entered*	<0.000200		mg/L	0.001	0.200
Benzo(k)fluoranthene	*Not entered*	<0.000200		mg/L	0.001	0.200
Benzo(a)pyrene	*Not entered*	<0.000200		mg/L	0.001	0.200
Indeno(1,2,3-cd)pyrene	*Not entered*	<0.000200		mg/L	0.001	0.200
Dibenzo(a,h)anthracene	*Not entered*	<0.000200		mg/L	0.001	0.200
Benzo(g,h,i)perylene	*Not entered*	<0.000200		mg/L	0.001	0.200

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5	*Not entered*	0.0718	mg/L	0.001	80.0	90	0 - 128
2-Fluorobiphenyl	*Not entered*	0.0838	mg/L	0.001	80.0	105	0 - 140
Terphenyl-d14	*Not entered*	0.0803	mg/L	0.001	80.0	100	0 - 165

Sample: 51303 - MW-16

Analysis:	Total 8 Metals	Analytical Method:	S 7470A	Prep Method:	N/A
QC Batch:	14988	Date Analyzed:	2004-12-29	Analyzed By:	TP
Prep Batch:	13223	Date Prepared:	2004-12-28	Prepared By:	TP
Analysis:	Total 8 Metals	Analytical Method:	S 6010B	Prep Method:	S 3010A
QC Batch:	15040	Date Analyzed:	2004-12-31	Analyzed By:	RR
Prep Batch:	13258	Date Prepared:	2004-12-30	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
Total Silver		<0.0125		mg/L	1	0.0125
Total Arsenic		<0.0100		mg/L	1	0.0100
Total Barium		<0.100		mg/L	1	0.100
Total Cadmium		<0.00500		mg/L	1	0.00500
Total Chromium		<0.0100		mg/L	1	0.0100
Total Mercury		<0.000200		mg/L	1	0.000200
Total Lead		<0.0100		mg/L	1	0.0100
Total Selenium		<0.0500		mg/L	1	0.0500

Method Blank (1) QC Batch: 14925

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0927	mg/L	1	0.100	93	48.4 - 119
4-Bromofluorobenzene (4-BFB)		0.0728	mg/L	1	0.100	73	17.1 - 138

Method Blank (1) QC Batch: 14947

Parameter	Flag	Result	Units	RL
Naphthalene		<0.000200	mg/L	0.2
Acenaphthylene		<0.000200	mg/L	0.2
Acenaphthene		<0.000200	mg/L	0.2
Fluorene		<0.000200	mg/L	0.2
Phenanthrene		<0.000200	mg/L	0.2
Anthracene		<0.000200	mg/L	0.2
Fluoranthene		<0.000200	mg/L	0.2
Pyrene		<0.000200	mg/L	0.2
Benzo(a)anthracene		<0.000200	mg/L	0.2
Chrysene		<0.000200	mg/L	0.2
Benzo(b)fluoranthene		<0.000200	mg/L	0.2
Benzo(k)fluoranthene		<0.000200	mg/L	0.2
Benzo(a)pyrene		<0.000200	mg/L	0.2
Indeno(1,2,3-cd)pyrene		<0.000200	mg/L	0.2
Dibenzo(a,h)anthracene		<0.000200	mg/L	0.2
Benzo(g,h,i)perylene		<0.000200	mg/L	0.2

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		0.0892	mg/L	0.001	80.0	112	0 - 128
2-Fluorobiphenyl		0.0904	mg/L	0.001	80.0	113	0 - 140
Terphenyl-d14		0.0983	mg/L	0.001	80.0	123	0 - 165

Method Blank (1) QC Batch: 14986

Parameter	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.0002

Method Blank (1) QC Batch: 14988

Parameter	Flag	Result	Units	RL
Total Mercury		<0.000200	mg/L	0.0002

Method Blank (1) QC Batch: 15040

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.100	mg/L	0.1
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0500	mg/L	0.05

Method Blank (1) QC Batch: 15081

Parameter	Flag	Result	Units	RL
Total Silver		<0.0125	mg/L	0.0125
Total Arsenic		<0.0100	mg/L	0.01
Total Barium		<0.100	mg/L	0.1
Total Cadmium		<0.00500	mg/L	0.005
Total Chromium		<0.0100	mg/L	0.01
Total Lead		<0.0100	mg/L	0.01
Total Selenium		<0.0500	mg/L	0.05

Laboratory Control Spike (LCS-1) QC Batch: 14925

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0983	0.0964	mg/L	1	0.100	<0.000650	98	2	81.9 - 114	20
Toluene	0.0962	0.0942	mg/L	1	0.100	<0.00101	96	2	82.8 - 112	20
Ethylbenzene	0.0927	0.0935	mg/L	1	0.100	<0.000840	93	1	82.2 - 111	20
Xylene	0.286	0.280	mg/L	1	0.300	<0.000737	95	2	83.5 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0924	0.0942	mg/L	1	0.100	92	94	48.4 - 119
4-Bromofluorobenzene (4-BFB)	0.0975	0.0977	mg/L	1	0.100	98	98	17.1 - 138

Laboratory Control Spike (LCS-1) QC Batch: 14947

Param		LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Naphthalene		0.0891	0.0888	mg/L	0.001	80.0	<0.0000445	111	0	22.5 - 119	20
Acenaphthylene	[12]	0.130	0.131	mg/L	0.001	80.0	<0.0000383	162	1	42.3 - 127	20

continued ...

[1]The average of the spike compounds shows that the process is in control.
[2]The average of the spike compounds shows that the process is in control.

control spikes continued...

Param		LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Acenaphthene	[3,4]	0.104	0.104	mg/L	0.001	80.0	<0.0000421	130	0	38 - 125	20
Fluorene	[5,6]	0.107	0.106	mg/L	0.001	80.0	<0.0000655	134	1	36.6 - 130	20
Phenanthrene		0.105	0.104	mg/L	0.001	80.0	<0.0000383	131	1	40.3 - 131	20
Anthracene	[7,8]	0.116	0.114	mg/L	0.001	80.0	<0.0000468	145	2	36.7 - 135	20
Fluoranthene		0.104	0.103	mg/L	0.001	80.0	<0.0000550	130	1	43.2 - 133	20
Pyrene		0.115	0.113	mg/L	0.001	80.0	<0.0000904	144	2	48.8 - 157	20
Benzo(a)anthracene		0.108	0.109	mg/L	0.001	80.0	<0.0000993	135	1	40.2 - 138	20
Chrysene		0.114	0.114	mg/L	0.001	80.0	<0.000121	142	0	5.5 - 179	20
Benzo(b)fluoranthene		0.0948	0.101	mg/L	0.001	80.0	<0.000171	118	6	16.4 - 156	20
Benzo(k)fluoranthene		0.111	0.114	mg/L	0.001	80.0	<0.0000951	139	3	40.9 - 150	20
Benzo(a)pyrene		0.116	0.118	mg/L	0.001	80.0	<0.000135	145	2	38.7 - 149	20
Indeno(1,2,3-cd)pyrene		0.0914	0.0920	mg/L	0.001	80.0	<0.000176	114	1	32 - 153	20
Dibenzo(a,h)anthracene		0.0802	0.0806	mg/L	0.001	80.0	<0.000184	100	0	0 - 202	20
Benzo(g,h,i)perylene		0.0914	0.0920	mg/L	0.001	80.0	<0.000134	114	1	39.1 - 144	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Nitrobenzene-d5	0.0803	0.0793	mg/L	0.001	80.0	100	99	0 - 128
2-Fluorobiphenyl	0.0792	0.0797	mg/L	0.001	80.0	99	100	0 - 140
Terphenyl-d14	0.0968	0.0957	mg/L	0.001	80.0	121	120	0 - 165

Laboratory Control Spike (LCS-1) QC Batch: 14986

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00103	0.000970	mg/L	1	0.00100	<0.0000329	103	6	79.7 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 14988

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.000990	0.00102	mg/L	1	0.00100	<0.0000329	99	3	79.7 - 112	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 15040

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.124	0.125	mg/L	1	0.125	<0.000199	99	1	85 - 115	20

continued...

[3]The average of the spike compounds shows that the process is in control.
[4]The average of the spike compounds shows that the process is in control.
[5]The average of the spike compounds shows that the process is in control.
[6]The average of the spike compounds shows that the process is in control.
[7]The average of the spike compounds shows that the process is in control.
[8]RobThe average of the spike compounds shows that the process is in control.

control spikes continued ...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Arsenic	0.491	0.495	mg/L	1	0.500	<0.00860	98	1	85 - 115	20
Total Barium	1.01	1.01	mg/L	1	1.00	<0.000984	101	0	85 - 115	20
Total Cadmium	0.251	0.252	mg/L	1	0.250	<0.000577	100	0	85 - 115	20
Total Chromium	0.106	0.107	mg/L	1	0.100	<0.000437	106	1	85 - 115	20
Total Lead	0.512	0.514	mg/L	1	0.500	<0.00310	102	0	85 - 115	20
Total Selenium	0.461	0.461	mg/L	1	0.500	<0.00370	92	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spike (LCS-1) QC Batch: 15081

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.124	0.124	mg/L	1	0.125	<0.000199	99	0	85 - 115	20
Total Arsenic	0.506	0.499	mg/L	1	0.500	<0.00860	101	1	85 - 115	20
Total Barium	0.995	0.992	mg/L	1	1.00	<0.000984	100	0	85 - 115	20
Total Cadmium	0.249	0.249	mg/L	1	0.250	<0.000577	100	0	85 - 115	20
Total Chromium	0.106	0.107	mg/L	1	0.100	<0.000437	106	1	85 - 115	20
Total Lead	0.504	0.505	mg/L	1	0.500	<0.00310	101	0	85 - 115	20
Total Selenium	0.471	0.471	mg/L	1	0.500	<0.00370	94	0	85 - 115	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 14986 Spiked Sample: 51096

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00101	0.00108	mg/L	1	0.00100	<0.0000329	101	7	25.4 - 140	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 14988 Spiked Sample: 51301

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Mercury	0.00102	0.00104	mg/L	1	0.00100	<0.0000329	102	2	25.4 - 140	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 15040 Spiked Sample: 51596

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.127	0.127	mg/L	1	0.125	<0.000199	102	0	75 - 125	20
Total Arsenic	0.503	0.513	mg/L	1	0.500	<0.00860	101	2	75 - 125	20
Total Barium	1.06	1.07	mg/L	1	1.00	<0.000984	106	1	75 - 125	20
Total Cadmium	0.238	0.240	mg/L	1	0.250	<0.000577	95	1	75 - 125	20
Total Chromium	0.0980	0.0980	mg/L	1	0.100	<0.000437	98	0	75 - 125	20
Total Lead	0.512	0.512	mg/L	1	0.500	<0.00310	102	0	75 - 125	20

continued ...

matrix spikes continued ...

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Selenium	0.470	0.475	mg/L	1	0.500	<0.00370	94	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spike (MS-1) QC Batch: 15081 Spiked Sample: 51713

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Total Silver	0.124	0.124	mg/L	1	0.125	<0.000199	99	0	75 - 125	20
Total Arsenic	0.506	0.509	mg/L	1	0.500	<0.00860	101	0	75 - 125	20
Total Barium	0.997	0.994	mg/L	1	1.00	<0.000984	100	0	75 - 125	20
Total Cadmium	0.251	0.249	mg/L	1	0.250	<0.000577	100	1	75 - 125	20
Total Chromium	0.222	0.221	mg/L	1	0.100	0.118	104	0	75 - 125	20
Total Lead	0.510	0.508	mg/L	1	0.500	<0.00310	102	0	75 - 125	20
Total Selenium	0.475	0.471	mg/L	1	0.500	<0.00370	95	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Standard (CCV-1) QC Batch: 14925

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0968	97	85 - 115	2004-12-24
Toluene		mg/L	0.100	0.101	101	85 - 115	2004-12-24
Ethylbenzene		mg/L	0.100	0.0993	99	85 - 115	2004-12-24
Xylene		mg/L	0.300	0.302	101	85 - 115	2004-12-24

Standard (CCV-2) QC Batch: 14925

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0962	96	85 - 115	2004-12-24
Toluene		mg/L	0.100	0.100	100	85 - 115	2004-12-24
Ethylbenzene		mg/L	0.100	0.0984	98	85 - 115	2004-12-24
Xylene		mg/L	0.300	0.299	100	85 - 115	2004-12-24

Standard (CCV-1) QC Batch: 14947

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60.0	59.9	100	80 - 120	2004-12-26
Acenaphthylene		mg/L	60.0	60.7	101	80 - 120	2004-12-26
Acenaphthene		mg/L	60.0	61.4	102	80 - 120	2004-12-26
Fluorene		mg/L	60.0	60.8	101	80 - 120	2004-12-26
Phenanthrene		mg/L	60.0	58.4	97	80 - 120	2004-12-26
Anthracene		mg/L	60.0	60.3	100	80 - 120	2004-12-26
Fluoranthene		mg/L	60.0	57.0	95	80 - 120	2004-12-26

continued ...

standard continued ...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Pyrene		mg/L	60.0	54.8	91	80 - 120	2004-12-26
Benzo(a)anthracene		mg/L	60.0	56.9	95	80 - 120	2004-12-26
Chrysene		mg/L	60.0	57.6	96	80 - 120	2004-12-26
Benzo(b)fluoranthene		mg/L	60.0	58.3	97	80 - 120	2004-12-26
Benzo(k)fluoranthene		mg/L	60.0	48.9	82	80 - 120	2004-12-26
Benzo(a)pyrene		mg/L	60.0	57.5	96	80 - 120	2004-12-26
Indeno(1,2,3-cd)pyrene		mg/L	60.0	53.7	90	80 - 120	2004-12-26
Dibenzo(a,h)anthracene		mg/L	60.0	52.3	87	80 - 120	2004-12-26
Benzo(g,h,i)perylene		mg/L	60.0	53.7	90	80 - 120	2004-12-26

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limit
Nitrobenzene-d5		63.2	mg/L	1	60.0	105	80 - 120
2-Fluorobiphenyl		56.2	mg/L	1	60.0	94	80 - 120
Terphenyl-d14		53.9	mg/L	1	60.0	90	80 - 120

Standard (ICV-1) QC Batch: 14986

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2004-12-29

Standard (CCV-1) QC Batch: 14986

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00104	104	80 - 120	2004-12-29

Standard (ICV-1) QC Batch: 14988

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00108	108	80 - 120	2004-12-29

Standard (CCV-1) QC Batch: 14988

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.00100	0.00103	103	80 - 120	2004-12-29

Standard (ICV-1) QC Batch: 15040

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2004-12-31
Total Arsenic		mg/L	1.00	0.995	100	90 - 110	2004-12-31
Total Barium		mg/L	1.00	1.00	100	90 - 110	2004-12-31
Total Cadmium		mg/L	1.00	0.998	100	90 - 110	2004-12-31
Total Chromium		mg/L	1.00	0.998	100	90 - 110	2004-12-31
Total Lead		mg/L	1.00	1.00	100	90 - 110	2004-12-31
Total Selenium		mg/L	1.00	0.999	100	90 - 110	2004-12-31

Standard (CCV-1) QC Batch: 15040

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.133	106	90 - 110	2004-12-31
Total Arsenic		mg/L	1.00	1.05	105	90 - 110	2004-12-31
Total Barium		mg/L	1.00	1.05	105	90 - 110	2004-12-31
Total Cadmium		mg/L	1.00	1.05	105	90 - 110	2004-12-31
Total Chromium		mg/L	1.00	1.05	105	90 - 110	2004-12-31
Total Lead		mg/L	1.00	1.06	106	90 - 110	2004-12-31
Total Selenium		mg/L	1.00	1.04	104	90 - 110	2004-12-31

Standard (ICV-1) QC Batch: 15081

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2005-01-03
Total Arsenic		mg/L	1.00	1.01	101	90 - 110	2005-01-03
Total Barium		mg/L	1.00	0.990	99	90 - 110	2005-01-03
Total Cadmium		mg/L	1.00	0.991	99	90 - 110	2005-01-03
Total Chromium		mg/L	1.00	0.990	99	90 - 110	2005-01-03
Total Lead		mg/L	1.00	0.994	99	90 - 110	2005-01-03
Total Selenium		mg/L	1.00	1.01	101	90 - 110	2005-01-03

Standard (CCV-1) QC Batch: 15081

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Silver		mg/L	0.125	0.127	102	90 - 110	2005-01-03
Total Arsenic		mg/L	1.00	1.02	102	90 - 110	2005-01-03
Total Barium		mg/L	1.00	0.989	99	90 - 110	2005-01-03
Total Cadmium		mg/L	1.00	0.992	99	90 - 110	2005-01-03
Total Chromium		mg/L	1.00	0.993	99	90 - 110	2005-01-03
Total Lead		mg/L	1.00	1.00	100	90 - 110	2005-01-03
Total Selenium		mg/L	1.00	1.02	102	90 - 110	2005-01-03

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SHELL OIL PRODUCTS US / MOTIVA Chain of Custody Record

Shell Project Manager to be invoiced:
☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON
Name: Ray Springer
Address: 777 Walker ST TSP 1206
City/Street: Houston TX Zip: 77002
Telephone: 713-441-5975 Email:

INCIDENT NUMBER (S&E ONLY): 3 0 0 1 4 3
SAP or CRMT NUMBER (TS/CRMT):
LAB ORDER ID: 412214
LAB USE ONLY:
PAGE: ____ of ____

CONSULTANT COMPANY: H2A Environmental
ADDRESS: 430 N. Carroll Ave Suite 120
CITY: Southlake TX 76092
TELEPHONE: 817-251-9466 FAX: 817-251-9274 EMAIL:

SITE NAME/ADDRESS (Street and City): Jal Station / Jal NM
PROJECT CONTACT (Report to): Mike Hawthorne
CONSULTANT PROJECT NO.: 106.001
SAMPLER NAME(S) (Print): John Savoie

TURNAROUND TIME (BUSINESS DAYS):
☐ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:
GC/MS MTBE CONFIRMATION: HIGHEST ____ HIGHEST per BORING ____ ALL ____

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
51296	mw-1	4		X				X	X			X		12-19-04	1100
97	mw-5														1200
98	mw-11														1300
99	mw-15														1400
300	mw-13														1500
301	mw-21													12-20-04	0800
302	mw-17	3													0930
303	mw-16														1100

1 VOA Broken in shipment

ANALYSIS REQUEST columns: MTBE 8021B/602; BTEX 8021B/602; TPH 418.1/TX1005; TPH TX1005 Extended; PAH 8270C; Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7000; TCLP Metals Ag As Ba Cd Cr Pb Se Hg; TCLP Volatiles; TCLP Semi Volatiles; TCLP Pesticides; RCI; GC/MS Vol. 8260B/624; GC/MS Semi Vol. 8270C/625; PCB's 8082/608; Pesticides 8081A/608; BOD, TSS, pH; Total Mercury 7470; Turn Around Time if different from standard; Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	12-20-04	1200			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	12/20/04	

LAB USE ONLY
Intact Y/N
Headspace Y/N
Temp 4 °
Log-in Review [signature]

REMARKS:
☐ Check If Dry Weight Reporting Is Required
☐ Check If Special Reporting Limits Are Needed
☐ Check If TRRP Reports Are Required

Carrier # FedEx 849713442363

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

ORIGINAL COPY

Shipping Manifest

No. 14552

Intergulf Corporation
P.O. Box 1590
LaPorte, Tx. 77572

Telephone: (281) 474-4210 Fax: (281) 474-4226

GENERATOR

Facility Name: Shell Pipeline
Facility Address: 2 miles South of Jal on Hwy 18 Jal, NM 88252
Contact: John Savoie Phone#: (505) 621-1834
Material Classification per Material Classification Form): Diesel
Quantity in Gallons: = 4900 to 6000 gal

I certify that the material being transferred on this shipment is not a hazardous waste as defined in 40 CFR Part 261, nor does it contain any PCB's or halogenated solvents.

Signature: _____ (Authorized Representative) Title: Field Tech
Date: 10/15/04

TRANSPORTER

Company Name Brown City Environmental
Phone #: 832-614-0266 Truck #: 750
EPA I.D. #: TXR000043539 State I.D. #: _____
Drivers Name: A. Tiemans DOT #: _____
Signature: _____ Date: 10/19/04

RECEIVING FACILITY

Name: Intergulf Corporation
Address: 10710 Beaumont Blvd.
EPA ID# TXD000811286

Pasadena, TX 77507
Phone #: (281) 474-4210
TNRCC#: A85602

Intergulf Corporation Job #_____
Facility Operators Name: _____
Signature: _____ **Date:** _____