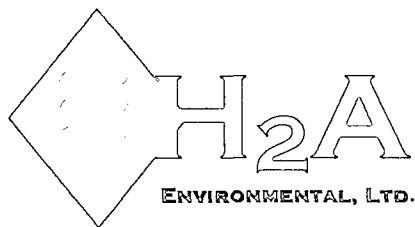


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ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

ANNUAL 2000 GROUNDWATER MONITORING REPORT

JAL BASIN STATION
JAL, LEA COUNTY, NEW MEXICO

H₂A JOB NO. 106.001

Prepared for:



Approved by:

Theresa Nix
Theresa Nix
Project Manager

July 2001

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INTRODUCTION

H₂A Environmental, Ltd. (H₂A) has completed the annual groundwater monitoring for the Jal Basin Station site located south of Jal, New Mexico. Monitoring events were conducted at the site on February 7, August 2, and November 24, 2000. Field activities and results of analytical testing 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 the wells until stable groundwater parameters were achieved. After the monitoring wells had been purged, groundwater samples were collected with disposable Teflon bailers. Collected groundwater samples were tested for benzene, toluene, ethylbenzene, xylenes (BTEX) 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.

Ground water samples collected for TPH analysis were filled to capacity in sterile, one liter glass containers equipped with Teflon-lined caps. The containers were pre-preserved with HCl. Ground water samples collected for PAH analysis were filled to capacity 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 from monitoring wells MW-1 through MW-6, and MW-8 through MW-15 on February 7, August 2 and November 24, 2000. A groundwater contour map

illustrating groundwater elevations measured during all three 2000 monitoring events are presented as FIG. 1 through 3. A summary of groundwater measurements recorded during the monitoring events is presented in TABLE I, and copies of the Groundwater Monitoring Data Sheets are presented in APPENDIX A.

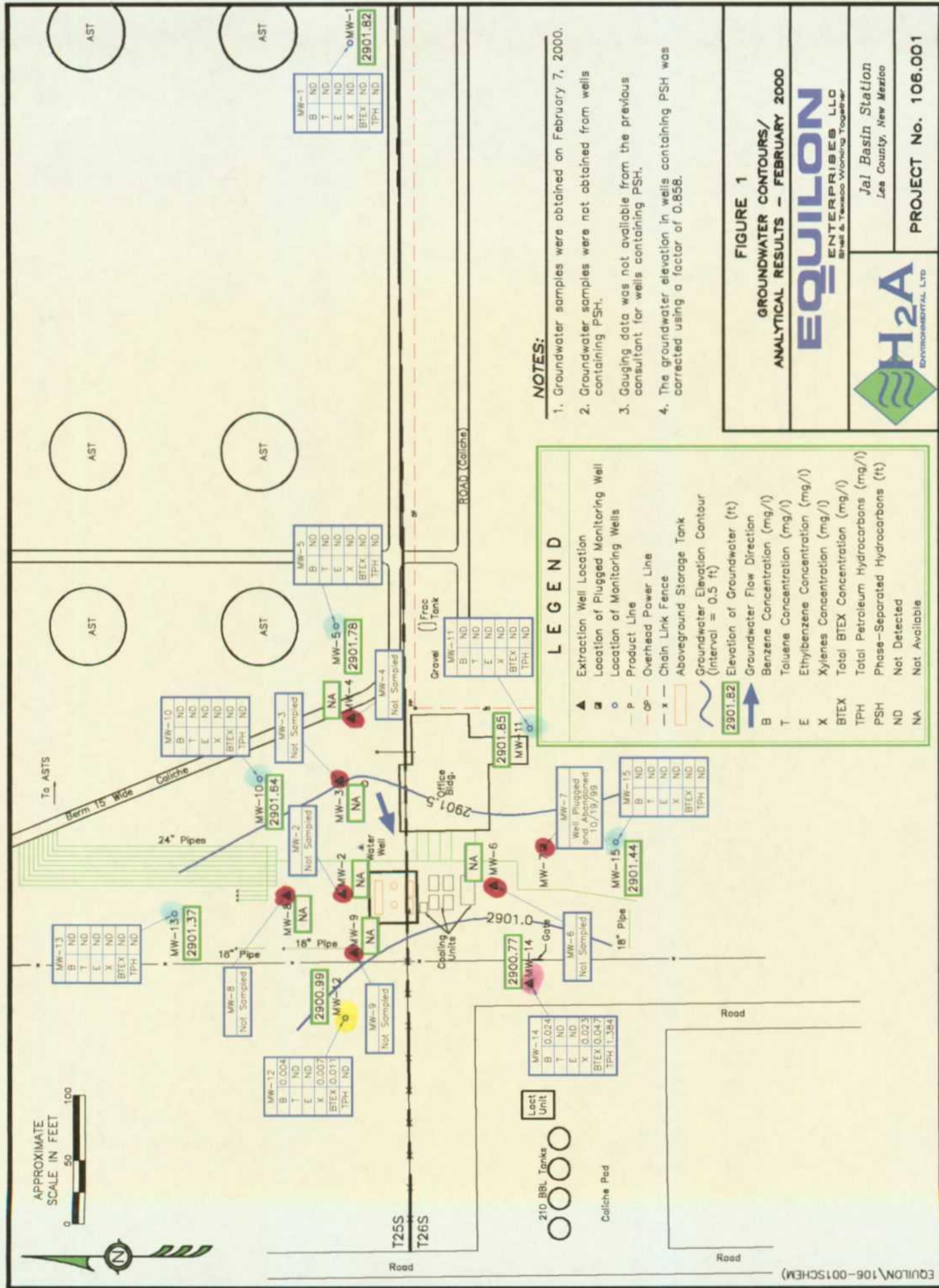
GROUNDWATER MONITORING RESULTS

Groundwater samples were obtained and analyzed from all the wells that did not exhibit measurable phase-separated hydrocarbons (PSH). Water samples obtained during the February monitoring activities were delivered to Xenco Laboratories for determination of total BTEX, TPH – DRO, and PAH concentrations by EPA Method SW846-8021B, 8015 Diesel Range Organics, and 8270C. Water samples obtained during the August and November monitoring activities were delivered to Certes Environmental Laboratories for determination of total BTEX concentrations by EPA Method SW846-8021B.

Laboratory results for groundwater samples obtained on August 2 and November 24, 2000 were determined to have the following range of hydrocarbon concentrations:

Constituent	Minimum (mg/l)	Maximum (mg/l)
Benzene	ND	0.031
BTEX	ND	0.076

Hydrocarbon constituent concentrations for groundwater samples collected on February 7, August 2, and November 24, 2000 are presented on FIGs. 1 through 3, respectively, and are summarized in TABLES II and III. Copies of the certified laboratory reports and chain of custody documentation are presented in APPENDIX B.



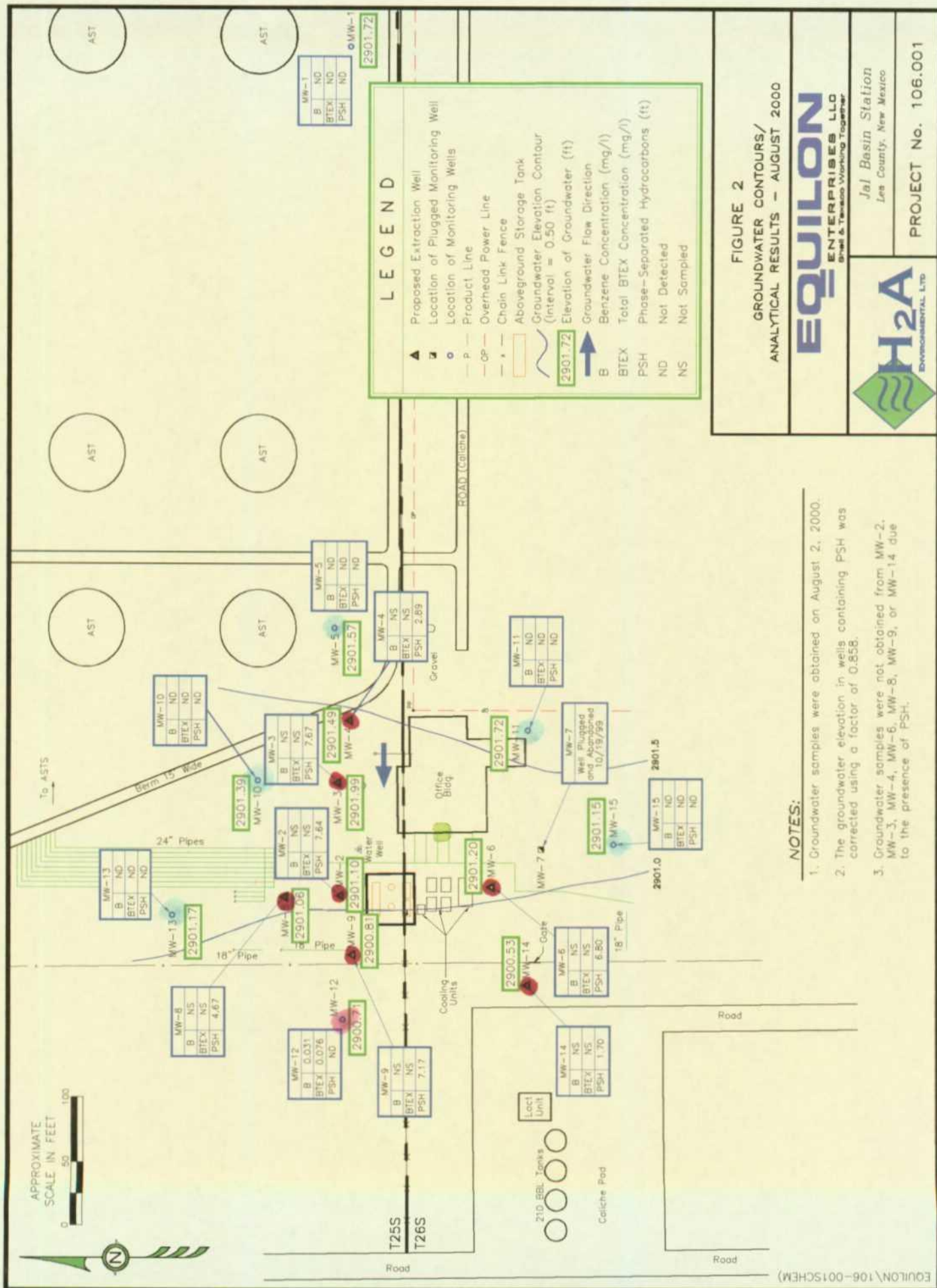


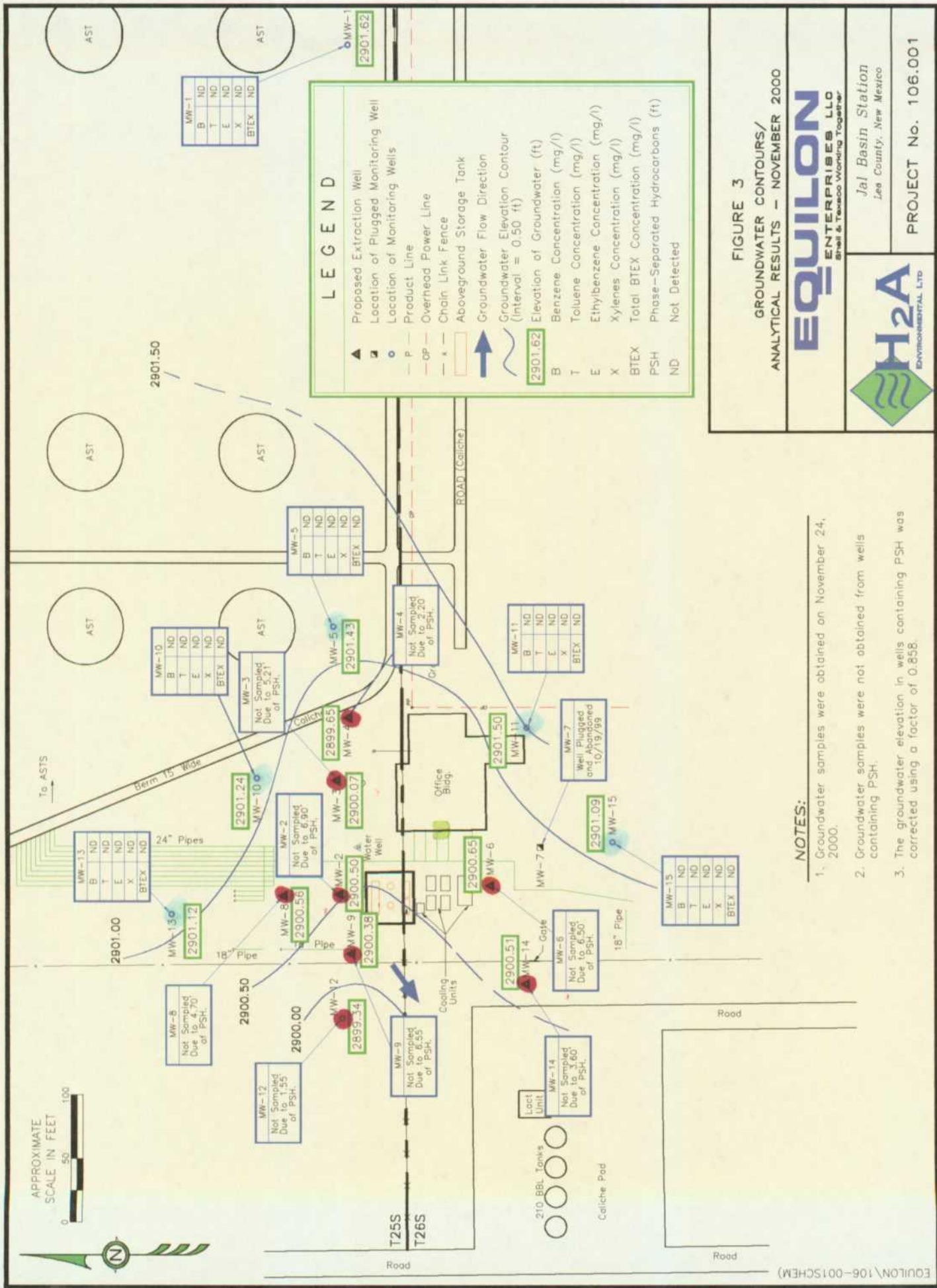
FIGURE 2
GROUNDWATER CONTOURS/
ANALYTICAL RESULTS - AUGUST 2000

EQUILON
ENTERPRISES LTD.
Bridell & Tenasco Working Together

Jal Basin Station
Las County, New Mexico

PROJECT No. 106.001





EQUILON\106-001SCHEM

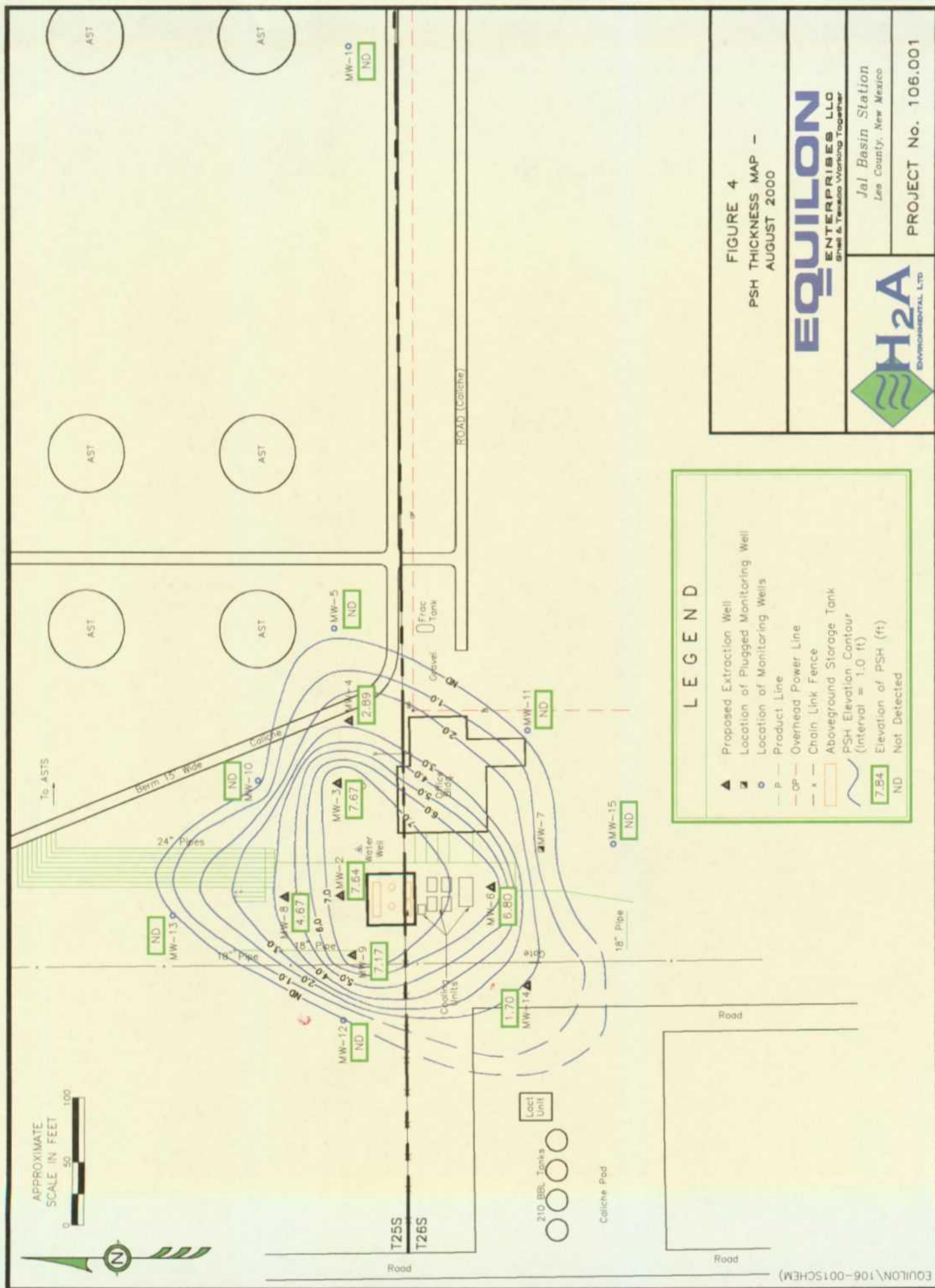


FIGURE 4
PSH THICKNESS MAP -
AUGUST 2000

EQUILON
ENTERPRISES LLO
Shell & Teneo Working together

Jal Basin Station
Jalisco County, New Mexico

PROJECT No. 106.001



H₂A
ENVIRONMENTAL LTD

LEGEND

- ▲ Proposed Extraction Well
 ■ Location of Plugged Monitoring Well
 ○ Location of Monitoring Wells
 — Product Line
 — Overhead Power Line
 x — Chain Link Fence
 Aboveground Storage Tank
 PSH Elevation Contour
 (Interval = 1.0 ft)
 B4 Elevation of PSH (ft)
 ND Not Detected

EQUILON\106-001SCHEM)

EQULON\106-001SCHEM

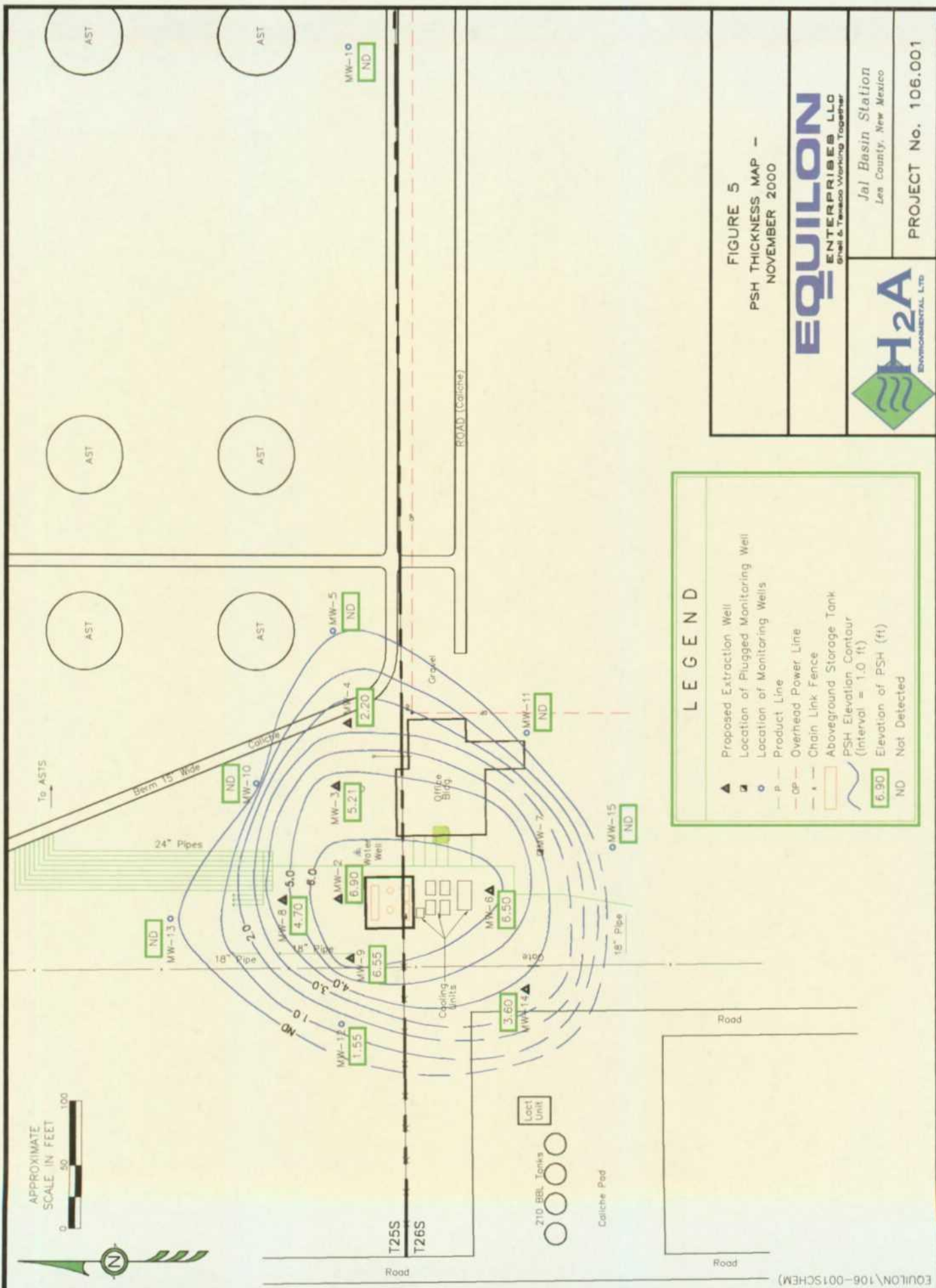


FIGURE 5
PSH THICKNESS MAP -
NOVEMBER 2000

EQULON
ENTERPRISES, LLO
Shell & Tensaco Working Together

Jal Basin Station
Lea County, New Mexico

PROJECT No. 106.001



LEGEND

- ▲ Proposed Extraction Well
- Location of Plugged Monitoring Well
- Location of Monitoring Wells
- P - Product Line
- OP - Overhead Power Line
- Chain Link Fence
- Orange Box Aboveground Storage Tank
- Wavy Line PSH Elevation Contour (Interval = 1.0 ft)
- 6.90 Elevation of PSH (ft)
- ND Not Detected

TABLE I
SUMMARY OF GROUNDWATER MONITORING
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO

WELL	DATE	SURFACE ELEV. (feet)	DEPTH TO WATER (feet)	ELEV. OF WATER (feet)	DEPTH TO PSH (feet)	ELEV. OF PSH (feet)	PSH THICKNESS (feet)
MW-01	02/04/99	2992.30	90.27	2902.03	---	---	---
	02/22/99	2992.30	90.19	2902.11	---	---	---
	03/11/99	2992.30	90.31	2901.99	---	---	---
	04/07/99	2992.30	90.63	2901.67	---	---	---
	05/03/99	2992.30	90.22	2902.08	---	---	---
	06/08/99	2992.30	90.40	2901.90	---	---	---
	06/22/99	2992.30	90.43	2901.87	---	---	---
	07/06/99	2992.30	90.41	2901.89	---	---	---
	08/14/99	2992.30	90.48	2901.82	---	---	---
	09/16/99	2992.30	90.44	2901.86	---	---	---
	10/19/99	2992.30	90.43	2901.87	---	---	---
	11/01/99	2992.30	90.43	2901.87	---	---	---
	08/02/00	2992.30	90.58	2901.72	---	---	---
	11/24/00	2992.30	90.68	2901.62	---	---	---
MW-02	02/04/99	2987.02	92.17	2901.95	83.89	2903.13	8.28
	02/22/99	2987.02	92.15	2901.85	84.02	2903.00	8.13
	03/11/99	2987.02	92.14	2901.88	83.98	2903.04	8.16
	03/24/99	2987.02	92.13	2901.64	84.26	2902.76	7.87
	03/31/99	2987.02	91.86	2902.05	83.83	2903.19	8.03
	04/02/99	2987.02	92.11	2901.85	84.02	2903.00	8.09
	04/07/99	2987.02	92.18	2902.02	83.81	2903.21	8.37
	07/15/99	2987.02	91.99	2901.65	84.28	2902.74	7.71
	10/26/99	2987.02	91.99	2901.44	84.52	2902.50	7.47
	11/01/99	2987.02	91.99	2895.03	---	---	---
	08/02/00	2987.02	92.48	2901.10	84.84	2902.18	7.64
	11/24/00	2987.02	92.44	2900.50	85.54	2901.48	6.90
MW-03	02/04/99	2987.91	92.55	2902.25	84.52	2903.39	8.03
	02/22/99	2987.91	92.53	2902.24	84.53	2903.38	8.00
	03/11/99	2987.91	92.49	2902.16	84.64	2903.27	7.85
	03/24/99	2987.91	92.45	2902.21	84.58	2903.33	7.87
	03/31/99	2987.91	92.42	2902.11	84.71	2903.20	7.71
	04/02/99	2987.91	92.45	2902.08	84.74	2903.17	7.71
	07/15/99	2987.91	95.20	2899.45	87.34	2900.57	7.86
	08/07/99	2987.91	92.44	2901.95	84.89	2903.02	7.55
	08/14/99	2987.91	92.50	2901.83	85.02	2902.89	7.48
	08/22/99	2987.91	95.25	2898.37	88.60	2899.31	6.65
	09/01/99	2987.91	92.50	2901.80	85.05	2902.86	7.45
	09/11/99	2987.91	95.31	2898.99	87.86	2900.05	7.45
	09/16/99	2987.91	92.35	2901.93	84.92	2902.99	7.43
	09/25/99	2987.91	92.45	2901.68	85.20	2902.71	7.25
	10/02/99	2987.91	92.35	2901.05	85.95	2901.96	6.40
	10/09/99	2987.91	94.93	2899.24	87.63	2900.28	7.30
	10/15/99	2987.91	95.10	2899.12	87.75	2900.16	7.35
	10/21/99	2987.91	92.35	2901.82	85.05	2902.86	7.30
	10/26/99	2987.91	92.35	2901.78	85.10	2902.81	7.25
	11/01/99	2987.91	92.50	2901.99	84.83	2903.08	7.67
	08/02/00	2987.91	92.50	2901.99	84.83	2903.08	7.67
	11/24/00	2987.91	92.31	2900.07	87.10	2900.81	5.21

TABLE I
SUMMARY OF GROUNDWATER MONITORING
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO

WELL	DATE	SURFACE ELEV. (feet)	DEPTH TO WATER (feet)	ELEV. OF WATER (feet)	DEPTH TO PSH (feet)	ELEV. OF PSH (feet)	PSH THICKNESS (feet)
MW-04	02/04/99	2988.22	85.83	2902.39	—	—	—
	02/22/99	2988.22	85.90	2902.32	—	—	—
	03/11/99	2988.22	85.94	2902.28	—	—	—
	04/07/99	2988.22	86.11	2902.11	—	—	—
	05/03/99	2988.22	86.00	2902.27	85.94	2902.28	0.06
	05/10/99	2988.22	86.18	2902.14	86.06	2902.16	0.12
	05/18/99	2988.22	86.31	2902.04	86.16	2902.06	0.15
	05/24/99	2988.22	86.30	2902.06	86.14	2902.08	0.16
	06/01/99	2988.22	86.14	2902.19	86.01	2902.21	0.13
	06/08/99	2988.22	86.28	2902.10	86.09	2902.13	0.19
	06/14/99	2988.22	86.20	2902.20	85.99	2902.23	0.21
	06/22/99	2988.22	86.08	2902.32	85.87	2902.35	0.21
	07/02/99	2988.22	86.14	2902.31	85.87	2902.35	0.27
	07/06/99	2988.22	86.50	2902.01	86.16	2902.06	0.34
	07/13/99	2988.22	86.56	2901.97	86.20	2902.02	0.36
	07/20/99	2988.22	86.54	2902.01	86.16	2902.06	0.38
	07/26/99	2988.22	86.56	2902.00	86.16	2902.06	0.40
	08/07/99	2988.22	86.77	2901.85	86.30	2901.92	0.47
	08/14/99	2988.22	86.89	2901.83	86.31	2901.91	0.58
	08/22/99	2988.22	86.91	2901.87	86.26	2901.96	0.65
	09/01/99	2988.22	86.86	2901.92	86.21	2902.01	0.65
	09/11/99	2988.22	87.08	2901.82	86.29	2901.93	0.79
	09/16/99	2988.22	87.06	2901.85	86.26	2901.96	0.80
	09/25/99	2988.22	87.11	2901.89	86.20	2902.02	0.91
	10/02/99	2988.22	87.16	2901.88	86.20	2902.02	0.96
	10/09/99	2988.22	87.18	2901.94	86.13	2902.09	1.05
	10/15/99	2988.22	87.16	2901.96	86.11	2902.11	1.05
	10/21/99	2988.22	87.41	2901.84	86.21	2902.01	1.20
	10/26/99	2988.22	87.43	2901.85	86.19	2902.03	1.24
	11/01/99	2988.22	89.21	2901.49	86.32	2901.90	2.89
	08/02/00	2988.22	89.21	2901.49	86.32	2901.90	2.89
	11/24/00	2988.22	90.46	2899.65	88.26	2899.96	2.20
MW-05	02/04/99	2988.47	86.03	2902.44	—	—	—
	02/22/99	2988.47	86.07	2902.40	—	—	—
	03/11/99	2988.47	86.21	2902.26	—	—	—
	04/07/99	2988.47	86.25	2902.22	—	—	—
	05/03/99	2988.47	86.14	2902.33	—	—	—
	06/08/99	2988.47	86.49	2901.98	—	—	—
	06/22/99	2988.47	86.35	2902.12	—	—	—
	07/06/99	2988.47	86.43	2902.04	—	—	—
	08/14/99	2988.47	86.54	2901.93	—	—	—
	09/16/99	2988.47	86.54	2901.93	—	—	—
	10/19/99	2988.47	86.46	2902.01	—	—	—
	11/01/99	2988.47	86.90	2901.57	—	—	—
	08/02/00	2988.47	86.90	2901.57	—	—	—
	11/24/00	2988.47	87.04	2901.43	—	—	—
MW-06	02/04/99	2987.40	87.01	2902.35	84.72	2902.68	2.29
	02/22/99	2987.40	88.75	2902.20	84.61	2902.79	4.14
	03/03/99	2987.40	89.16	2902.13	84.63	2902.77	4.53
	07/15/99	2987.40	88.48	2901.77	85.16	2902.24	3.32
	08/07/99	2987.40	90.69	2900.94	85.76	2901.64	4.93
	08/14/99	2987.40	90.98	2901.57	84.98	2902.42	6.00
	08/22/99	2987.40	90.98	2901.64	84.90	2902.50	6.08
	09/01/99	2987.40	90.93	2901.67	84.87	2902.53	6.06
	09/11/99	2987.40	91.11	2901.58	84.95	2902.45	6.16
	09/16/99	2987.40	91.00	2901.65	84.88	2902.52	6.12

TABLE I

**SUMMARY OF GROUNDWATER MONITORING
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO**

WELL	DATE	SURFACE ELEV. (feet)	DEPTH TO WATER (feet)	ELEV. OF WATER (feet)	DEPTH TO PSH (feet)	ELEV. OF PSH (feet)	PSH THICKNESS (feet)
MW-06 cont.	09/25/99	2987.40	90.85	2901.72	84.83	2902.57	6.02
	10/02/99	2987.40	90.88	2901.70	84.84	2902.56	6.04
	10/09/99	2987.40	90.86	2901.72	84.82	2902.58	6.04
	10/15/99	2987.40	90.88	2901.74	84.80	2902.60	6.08
	10/21/99	2987.40	91.05	2901.64	84.88	2902.52	6.17
	10/26/99	2987.40	91.03	2901.65	84.88	2902.52	6.15
	11/01/99	2987.40	92.03	2901.20	85.23	2902.17	6.80
	08/02/00	2987.40	92.03	2901.20	85.23	2902.17	6.80
	11/24/00	2987.40	92.33	2900.65	85.83	2901.57	6.50
MW-07	02/04/99	2986.31	84.03	2902.28	—	—	—
	02/22/99	2986.31	84.13	2902.18	—	—	—
	03/11/99	2986.31	84.26	2902.05	—	—	—
	04/07/99	2986.31	84.35	2901.96	—	—	—
	05/03/99	2986.31	84.36	2902.10	84.18	2902.13	0.18
	05/10/99	2986.31	84.58	2902.02	84.24	2902.07	0.34
	05/18/99	2986.31	84.88	2901.92	84.31	2902.00	0.57
	05/24/99	2986.31	84.89	2901.93	84.29	2902.02	0.60
	06/01/99	2986.31	84.77	2901.99	84.25	2902.06	0.52
	06/08/99	2986.31	84.99	2901.92	84.29	2902.02	0.70
	06/14/99	2986.31	84.31	2902.76	83.43	2902.88	0.88
	06/22/99	2986.31	84.27	2902.83	83.35	2902.96	0.92
	07/02/99	2986.31	85.32	2901.92	84.24	2902.07	1.08
	07/06/99	2986.31	85.49	2901.81	84.34	2901.97	1.15
	07/13/99	2986.31	85.72	2901.77	84.34	2901.97	1.38
	07/20/99	2986.31	85.87	2901.80	84.28	2902.03	1.59
	07/26/99	2986.31	86.14	2901.76	84.29	2902.02	1.85
	08/07/99	2986.31	86.54	2901.64	84.36	2901.95	2.18
	08/14/99	2986.31	86.94	2901.63	84.31	2902.00	2.63
	08/22/99	2986.31	87.49	2901.65	84.19	2902.12	3.30
	09/01/99	2986.31	87.74	2901.68	84.11	2902.20	3.63
	09/11/99	2986.31	88.14	2901.69	84.04	2902.27	4.10
	09/16/99	2986.31	88.24	2901.72	83.99	2902.32	4.25
	09/25/99	2986.31	88.34	2900.14	85.81	2900.50	2.53
	10/02/99	2986.31	88.49	2901.81	83.84	2902.47	4.65
	10/09/99	2986.31	88.64	2901.79	83.84	2902.47	4.80
	10/15/99	2986.31	88.69	2901.82	83.79	2902.52	4.90
	10/19/99						
PLUGGED AND ABANDONED							
MW-08	02/04/99	2987.97	86.00	2901.98	85.99	2901.98	0.01
	02/22/99	2987.97	86.06	2901.93	86.04	2901.93	0.02
	03/11/99	2987.97	86.18	2901.86	86.10	2901.87	0.08
	03/24/99	2987.97	86.42	2901.88	86.04	2901.93	0.38
	03/31/99	2987.97	86.47	2901.88	86.03	2901.94	0.44
	04/02/99	2987.97	86.39	2901.79	86.14	2901.83	0.25
	04/07/99	2987.97	86.94	2901.77	86.08	2901.89	0.86
	04/13/99	2987.97	86.83	2901.90	85.94	2902.03	0.89
	04/19/99	2987.97	87.01	2901.87	85.95	2902.02	1.06
	04/26/99	2987.97	87.30	2901.81	85.97	2902.00	1.33
	05/03/99	2987.97	87.47	2901.85	85.90	2902.07	1.57
	05/10/99	2987.97	87.89	2901.75	85.94	2902.03	1.95
	05/18/99	2987.97	88.39	2901.66	85.96	2902.01	2.43
	05/24/99	2987.97	88.60	2901.68	85.91	2902.06	2.69
	06/01/99	2987.97	89.04	2901.74	85.76	2902.21	3.28
	06/08/99	2987.97	88.51	2901.79	85.80	2902.17	2.71
	06/14/99	2987.97	86.14	2904.58	82.94	2905.03	3.20
	06/22/99	2987.97	85.74	2905.36	82.09	2905.88	3.65
	07/02/99	2987.97	89.62	2901.64	85.78	2902.19	3.84
	07/06/99	2987.97	89.76	2901.64	85.76	2902.21	4.00

TABLE I
SUMMARY OF GROUNDWATER MONITORING
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO

WELL	DATE	SURFACE ELEV. (feet)	DEPTH TO WATER (feet)	ELEV. OF WATER (feet)	DEPTH TO PSH (feet)	ELEV. OF PSH (feet)	PSH THICKNESS (feet)
MW-08 cont.	07/13/99	2987.97	89.92	2901.55	85.84	2902.13	4.08
	07/20/99	2987.97	89.94	2901.63	85.74	2902.23	4.20
	07/26/99	2987.97	90.09	2901.63	85.72	2902.25	4.37
	08/07/99	2987.97	90.20	2901.57	85.77	2902.20	4.43
	08/14/99	2987.97	90.44	2901.65	85.64	2902.33	4.80
	08/22/99	2987.97	90.49	2901.51	85.79	2902.18	4.70
	09/01/99	2987.97	90.40	2901.52	85.80	2902.17	4.60
	09/11/99	2987.97	90.74	2901.48	85.79	2902.18	4.95
	09/16/99	2987.97	90.74	2901.44	85.83	2902.14	4.91
	09/25/99	2987.97	90.74	2901.52	85.74	2902.23	5.00
	10/02/99	2987.97	90.79	2901.48	85.78	2902.19	5.01
	10/09/99	2987.97	90.74	2901.51	85.75	2902.22	4.99
	10/15/99	2987.97	90.89	2901.50	85.74	2902.23	5.15
	10/21/99	2987.97	91.04	2900.59	86.77	2901.20	4.27
	10/26/99	2987.97	91.09	2901.44	85.77	2902.20	5.32
	11/01/99	2987.97	91.09	2901.44	85.77	2902.20	5.32
	08/02/00	2987.97	90.92	2901.06	86.25	2901.72	4.67
	11/24/00	2987.97	91.44	2900.56	86.74	2901.23	4.70
MW-09	02/04/99	2987.39	86.06	2901.83	85.48	2901.91	0.58
	02/22/99	2987.39	88.60	2902.34	84.46	2902.93	4.14
	03/11/99	2987.39	91.48	2901.67	84.77	2902.62	6.71
	03/24/99	2987.39	91.43	2901.67	84.78	2902.61	6.65
	03/31/99	2987.39	91.40	2901.72	84.72	2902.67	6.68
	04/02/99	2987.39	91.52	2901.60	84.84	2902.55	6.68
	04/07/99	2987.39	91.58	2901.57	84.87	2902.52	6.71
	07/15/99	2987.39	91.13	2901.43	85.11	2902.28	6.02
	10/26/99	2987.39	90.63	2901.22	85.43	2901.96	5.20
	11/01/99	2987.39	90.63	2900.93	85.77	2901.62	4.86
	08/02/00	2987.39	92.73	2900.81	85.56	2901.83	7.17
	11/24/00	2987.39	92.63	2900.38	86.08	2901.31	6.55
MW-10	02/04/99	2987.96	85.73	2902.23	—	—	—
	02/22/99	2987.96	85.76	2902.20	—	—	—
	03/11/99	2987.96	85.87	2902.09	—	—	—
	04/07/99	2987.96	85.93	2902.03	—	—	—
	05/03/99	2987.96	85.81	2902.15	—	—	—
	06/08/99	2987.96	86.02	2901.94	—	—	—
	06/22/99	2987.96	87.07	2900.89	—	—	—
	07/06/99	2987.96	87.07	2900.89	—	—	—
	08/14/99	2987.96	86.19	2901.77	—	—	—
	09/16/99	2987.96	86.22	2901.74	—	—	—
	10/19/99	2987.96	86.17	2901.79	—	—	—
	11/01/99	2987.96	86.17	2901.79	—	—	—
	08/02/00	2987.96	86.57	2901.39	—	—	—
	11/24/00	2987.96	86.72	2901.24	—	—	—
MW-11	02/04/99	2989.37	87.54	2901.83	—	—	—
	02/22/99	2989.37	87.50	2901.87	—	—	—
	03/11/99	2989.37	87.60	2901.77	—	—	—
	04/07/99	2989.37	87.56	2901.81	—	—	—
	05/03/99	2989.37	87.38	2901.99	—	—	—
	06/08/99	2989.37	87.72	2901.65	—	—	—
	06/22/99	2989.37	87.76	2901.61	—	—	—
	07/06/99	2989.37	87.84	2901.53	—	—	—
	08/14/99	2989.37	87.98	2901.39	—	—	—
	09/16/99	2989.37	87.61	2901.76	—	—	—
	10/19/99	2989.37	87.66	2901.71	—	—	—
	11/01/99	2989.37	87.07	2902.30	—	—	—

TABLE I

**SUMMARY OF GROUNDWATER MONITORING
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO**

WELL	DATE	SURFACE ELEV. (feet)	DEPTH TO WATER (feet)	ELEV. OF WATER (feet)	DEPTH TO PSH (feet)	ELEV. OF PSH (feet)	PSH THICKNESS (feet)
MW-11	08/02/00	2989.37	87.65	2901.72	—	—	—
cont.	11/24/00	2989.37	87.87	2901.50	—	—	—
MW-12	02/04/99	2987.79	86.52	2901.27	—	—	—
	02/22/99	2987.79	86.26	2901.53	—	—	—
	03/11/99	2987.79	86.38	2901.41	—	—	—
	04/07/99	2987.79	86.46	2901.33	—	—	—
	05/03/99	2987.79	86.36	2901.43	—	—	—
	06/08/99	2987.79	86.55	2901.24	—	—	—
	06/22/99	2987.79	86.55	2901.24	—	—	—
	07/06/99	2987.79	86.60	2901.19	—	—	—
	08/14/99	2987.79	86.70	2901.09	—	—	—
	09/16/99	2987.79	86.71	2901.08	—	—	—
	10/19/99	2987.79	86.72	2901.07	—	—	—
	11/01/99	2987.79	86.72	2901.07	—	—	—
	08/02/00	2987.79	87.08	2900.71	—	—	—
	11/24/00	2987.79	88.45	2899.34	86.90	2900.89	1.55
MW-13	10/19/99	2989.79	88.28	2901.51	—	—	—
	11/01/99	2989.79	88.28	2901.51	—	—	—
	08/02/99	2989.79	88.62	2901.17	—	—	—
	11/24/00	2989.79	88.67	2901.12	—	—	—
MW-14	10/19/99	2986.02	85.04	2900.98	—	—	—
	11/01/99	2986.02	85.04	2900.98	—	—	—
	08/02/99	2986.02	86.95	2900.53	85.25	2900.77	1.70
	11/24/00	2986.02	88.60	2900.51	85.00	2901.02	3.60
MW-15	10/19/99	2986.45	85.32	2901.13	—	—	—
	11/01/99	2986.45	85.32	2901.13	—	—	—
	08/02/99	2986.45	85.30	2901.15	—	—	—
	11/24/00	2986.45	85.36	2901.09	—	—	—

TABLE II

SUMMARY OF GROUNDWATER RESULTS - BTEX AND TPH
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	DATE	BENZENE (mg/l)	TOLUENE (mg/l)	ETHYL-BENZENE (mg/l)	XYLENES (mg/l)	BTEX (mg/l)	TPH-DRO (mg/l)
MW-1	02/23/99	ND	ND	ND	ND	ND	—
	08/22/99	ND	ND	ND	ND	ND	ND
	10/19/99	ND	ND	ND	ND	ND	0.135
	08/02/00	ND	ND	ND	ND	ND	—
	11/24/00	ND	ND	ND	ND	ND	—
MW-2	02/23/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (8.28')					
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (7.71')					
	10/19/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (7.47')					
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (7.64')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (7.64')					
MW-3	02/23/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (8.00')					
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (7.45')					
	10/19/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (7.30')					
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (7.67')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (7.67')					
MW-4	02/23/99	ND	ND	ND	0.005	0.005	—
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (0.65')					
	10/19/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (1.05')					
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (2.89')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (2.89')					
MW-5	02/23/99	ND	ND	ND	ND	ND	—
	08/22/99	ND	ND	ND	ND	ND	ND
	10/19/99	ND	ND	ND	ND	ND	0.156
	08/02/00	ND	ND	ND	ND	ND	—
	11/24/00	ND	ND	ND	ND	ND	—
MW-6	02/23/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (4.14')					
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (6.08')					
	10/19/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (6.08')					
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (6.80')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (6.80')					
MW-7	02/23/99	ND	ND	ND	0.004	0.004	—
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (3.30')					
	10/19/99	PLUGGED AND ABANDONED					

TABLE II

SUMMARY OF GROUNDWATER RESULTS - BTEX AND TPH
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	DATE	BENZENE (mg/l)	TOLUENE (mg/l)	ETHYL-BENZENE (mg/l)	XYLENES (mg/l)	BTEX (mg/l)	TPH-DRO (mg/l)
MW-8	02/23/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (0.02')					
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (4.70')					
	10/19/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (5.15')					
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (4.67')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (4.67')					
MW-9	02/23/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (4.14')					
	08/22/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (6.02')					
	10/19/99	NOT SAMPLED DUE TO THE PRESENCE OF PSH (5.20')					
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (7.17')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (7.17')					
MW-10	02/23/99	ND	ND	ND	ND	ND	—
	08/22/99	ND	ND	ND	ND	ND	ND
	10/19/99	ND	ND	ND	ND	ND	0.124
	08/02/00	ND	ND	ND	ND	ND	—
	11/24/00	ND	ND	ND	ND	ND	—
MW-11	02/23/99	ND	ND	ND	ND	ND	—
	08/22/99	ND	ND	ND	ND	ND	3.2
	10/19/99	ND	ND	ND	ND	ND	0.077
	08/02/00	ND	ND	ND	ND	ND	—
	11/24/00	ND	ND	ND	ND	ND	—
MW-12	02/23/99	ND	ND	ND	ND	ND	—
	08/22/99	ND	ND	ND	ND	ND	2.5
	10/19/99	ND	ND	ND	ND	ND	0.306
	08/02/00	0.031	ND	ND	0.045	0.076	—
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (2.89')					
MW-13	10/19/99	ND	ND	ND	ND	ND	0.127
	08/02/00	ND	ND	ND	ND	ND	—
	11/24/00	ND	ND	ND	ND	ND	—
MW-14	10/19/99	0.007	ND	ND	0.010	0.017	0.481
	08/02/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (1.70')					
	11/24/00	NOT SAMPLED DUE TO THE PRESENCES OF PSH (1.70')					

TABLE II

**SUMMARY OF GROUNDWATER RESULTS - BTEX AND TPH
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO**

SAMPLE LOCATION	DATE	BENZENE (mg/l)	TOLUENE (mg/l)	ETHYL- BENZENE (mg/l)	XYLENES (mg/l)	BTEX (mg/l)	TPH-DRO (mg/l)
MW-15	10/19/99	ND	ND	ND	ND	ND	0.132
	08/02/00	ND	ND	ND	ND	ND	—
	11/24/00	ND	ND	ND	ND	ND	—
Product Tank	06/14/99	0.077	0.218	0.118	0.274	0.687	—

TABLE III

SUMMARY OF GROUND WATER RESULTS - OTHER
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION DATE SAMPLED PARAMETER	CONCENTRATION (mg/l)									
	MW-1	MW-4	MW-5	MW-7	MW-10					
	02/23/99	10/19/99	02/23/99	02/23/99	10/19/99	02/23/99	02/23/99	02/23/99	02/23/99	10/19/99
PAH										
Acenaphthalene	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	0.005	ND	ND	ND	ND
Naphthalene	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND
TOTAL	ND	ND	0.005	ND	ND	0.011	ND	ND	ND	ND
Metals										
Aluminum	ND	1.29	ND	ND	2.81	4.93	ND	ND	2.72	
Barium	ND	ND	ND	0.65	0.492	ND	ND	ND	0.308	
Boron	ND	0.918	1.76	ND	0.355	ND	ND	ND	0.308	
Calcium	587	413	447	1650	335	737	949	ND	311	
Chromium	0.13	ND	ND	ND	ND	ND	ND	ND	ND	
Copper	ND	ND	ND	ND	ND	0.034	0.065	ND	ND	
Iron	6.72	2.94	1.44	1.26	2.72	3.11	ND	ND	3.28	
Lead	0.021	ND	0.019	ND	ND	0.030	ND	ND	ND	
Magnesium	202	163	49.3	49.6	41.4	78.5	55.9	61.0		
Manganese	0.31	ND	ND	0.85	0.184	0.42	0.32	0.121		
Potassium	14.56	13.0	9.17	6.39	7.17	12.11	9.44	7.56		
Selenium	0.13	0.081	ND	ND	ND	ND	ND	ND		
Silica	62.28	51.30	60.08	54.67	52.20	60.44	44.11	59.5		
Sodium	167	176	92.44	66.89	66.7	231	43.83	41.7		
Strontium	11.59	10.6	2.89	4.61	2.38	4.74	3.89	3.80		
Vanadium	ND	ND	ND	ND	0.12	ND	ND	ND		
Cations/Anions										
Bicarbonate	362	385	377	280	336	402	256	376		
Chloride	767	159	34	15	9.60	58.6	54	28.9		
Sulfate	1960	453	55	40	33	980	38	25.9		
TDS	2670	2290	730	640	512	1330	810	621		

TABLE III

**SUMMARY OF GROUND WATER RESULTS - OTHER
EQUILON PIPELINE COMPANY, LLC
JAL BASIN STATION
LEA COUNTY, NEW MEXICO**

SAMPLE LOCATION DATE SAMPLED PARAMETER	MW-11		MW-12		MW-13		MW-14		MW-15	
	02/23/99	10/19/99	02/07/00	02/23/99	10/19/99	02/07/00	10/19/99	02/07/00	10/19/99	02/07/00
	CONCENTRATION (mg/l)									
PAH										
Acenaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	0.036	0.0152	ND	ND
Phenanthrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL	ND	ND	ND	ND	ND	ND	ND	0.0152	ND	ND
Metals										
Aluminum	ND	0.528	---	5.78	0.696	4.56	0.936	---	1.39	---
Barium	ND	ND	---	0.59	ND	0.451	0.320	---	ND	---
Boron	ND	0.572	---	ND	0.636	ND	1.70	---	0.84	---
Calcium	387	110	---	524	128	807	1680	---	268	---
Chromium	ND	ND	---	ND	ND	ND	ND	---	ND	---
Copper	ND	ND	---	0.04	ND	ND	ND	---	ND	---
Iron	2.56	0.556	---	3.33	0.072	5.89	4.33	---	1.61	---
Lead	0.019	ND	---	0.031	ND	ND	ND	---	ND	---
Magnesium	49.6	41.9	---	48.1	51.5	41.6	87.2	---	96.9	---
Manganese	0.23	ND	---	0.26	ND	0.581	0.388	---	ND	---
Potassium	9.389	6.76	---	9.67	6.08	10.9	16.3	---	14.6	---
Selenium	ND	ND	---	ND	ND	ND	ND	---	ND	---
Silica	61.56	58.70	---	64.33	54.2	54.6	51.0	---	52.2	---
Sodium	227	211	---	97.22	82.5	64.6	188	---	167	---
Strontium	2.909	2.85	---	2.85	3.1	2.92	6.22	---	5.18	---
Vanadium	ND	ND	---	ND	ND	0.143	ND	---	ND	---
Cations/Anions										
Bicarbonate	272	276	---	382	498	284	345	---	202	---
Chloride	69	67.3	---	8	14.7	4.90	9.90	---	116.00	---
Sulfate	369	350	---	31	38	10.9	62.3	---	562	---
TDS	2060	1060	---	600	710	454	1110	---	1520	---

H2A
ENVIRONMENTAL LTD

Project Equilon - Jal Basin Station

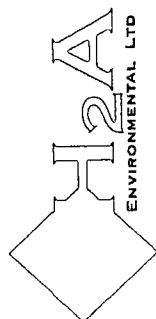
Note: 1. All measurements are reported in feet unless otherwise indicated

0.86

Comments :

Date 11/24/2000
Field Tech. John Savoie

Job No.	106.001
Project	Equilon - Jal Basin Station

[illegible]

Note: 1. All measurements are reported in feet unless otherwise indicated

2. The corrected ground water elevation was calculated using a specific gravity for PSH of :

Comments :



February 24, 2000

Project Manager: Carl Haack
KEI Consultants, Ltd.
1335 Valwood Parkway Suite 111
Carrollton, TX 75006

Reference: XENCO Report No: 200879
Project Name : Jal Station
Project Address: Jal New Mexico

Dear Carl Haack :

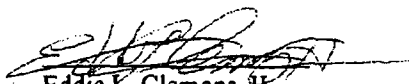
We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Chain of Custody Numbered 200879 . All results being reported under this Chain of Custody apply to the samples analyzed and properly identified with a Laboratory ID number.

All the results for the quality control samples were reviewed. Also, all parameters for data reduction and validation were reviewed. In view of this, we are able to release the analytical data for this report within acceptance criteria for accuracy, precision, completeness or properly flagged.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 3 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in COC No. 200879 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Sincerely,


Eddie L. Clemons, II
QA/QC Manager

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Houston - Dallas - San Antonio - Austin - Latin America

Certificate of Analysis Summary 200879

KEI Consultants, Ltd., Carrollton, TX

Project Name: Jal Station

Project ID: 910103-8-0

Project Manager: Carl Haack

Project Location: Jal New Mexico

Date Received in Lab: Fri Feb-11-00 12:05 PM

Date Report Faxed: Thu Feb-24-00

XENCO Contact: Debbie Simmons

Analysis Requested	Lab ID: Field ID: Depth: Matrix: Sampled:	200879-001 MW-1 Water Feb-07-2000	200879-002 MW-5 Water Feb-07-2000	200879-003 MW-10 Water Feb-07-2000	200879-004 MW-11 Water Feb-07-2000	200879-005 MW-12 Water Feb-07-2000	200879-006 MW-13 Water Feb-07-2000
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BTEX by EPA 8021	Analyzed: Units:	Feb-14-2000	Feb-14-2000	Feb-14-2000	Feb-14-2000	Feb-14-2000	Feb-14-2000
Benzene		BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001
Toluene		BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001
Ethylbenzene		BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001
m,p-Xylenes		BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.002	BRL 0.002
o-Xylene		BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001	BRL 0.001
Total Xylenes		BRL	BRL	BRL	BRL	BRL	BRL
Total BTEX		BRL	BRL	BRL	BRL	BRL	BRL

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL Below Reporting Limits.

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Eddie L. Clemmons, II
 QA/QC Director

KEI Consultants, Ltd., Carrollton, TX

Project Name: Jal Station

Project ID: 910103-8-0

Project Manager: Carl Haack

Project Location: Jal New Mexico

Date Received in Lab: Fri Feb-11-00 12:05 PM

Date Report Faxed: thu Feb-24-00

XENCO Contact: Debbie Simmons

Analysis Requested	Lab ID:		200879-001		200879-002		200879-003		200879-004		200879-005		200879-006	
	Field ID:	Depth:	MW-1	Water	MW-5	Water	MW-10	Water	MW-11	Water	MW-12	Water	MW-13	Water
			Feb-07-2000		Feb-07-2000		Feb-07-2000		Feb-07-2000		Feb-07-2000		Feb-07-2000	
SVOA PAHs List by EPA 8270C	Analyzed:	Units:												
Acenaphthene														
Acenaphthylene														
Anthracene														
Benzo(a)anthracene														
Benzo(a)pyrene														
Benzo(b)fluoranthene														
Benzo(g,h,i)perylene														
Benzo(k)fluoranthene														
Chrysene														
Dibenz(a,h)anthracene														
Fluoranthene														
Fluorene														
Indeno(1,2,3-c,d)pyrene														
Naphthalene														
Phenanthrene														
Pyrene														
TPH DRO by SW846-8015	Analyzed:	Units:	Feb-14-2000	mg/L	Feb-14-2000	mg/L	Feb-14-2000	mg/L	Feb-14-2000	mg/L	Feb-14-2000	mg/L	Feb-14-2000	mg/L
TPH-DRO (Diesel Range Organics)			BRL	1.00	BRL	1.00	BRL	1.00	BRL	1.00	BRL	1.00	BRL	1.00

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL Below Reporting Limits.

Since 1990 Houston - Dallas - San Antonio - Austin - Latin America

 Eddie L. Clements, II
 QA/QC Director



Certificate of Analysis Summary 200879

KEI Consultants, Ltd., Carrollton, TX

Project Name: Jal Station

Project ID: 910103-8-0

Project Manager: Carl Haack

Project Location: Jal New Mexico

Date Received in Lab: Fri Feb-11-00 12:05 PM

Date Report Faxed: thu Feb-24-00

XENCO Contact: Debbie Simmons

Analysis Requested	Lab ID :		200879-007		200879-008					
	Field ID :	Depth :	MW-14		MW-15					
	Matrix :		Water		Water					
	Sampled :		Feb-07-2000		Feb-07-2000					
	Analyzed :		Feb-14-2000		Feb-14-2000					
	Units :		mg/L	R L	mg/L	R L				
Benzene			0.024	0.001	BRL	0.001				
Toluene			BRL	0.001	BRL	0.001				
Ethylbenzene			BRL	0.001	BRL	0.001				
m,p-Xylenes			0.020	0.002	BRL	0.002				
o-Xylene			0.003	0.001	BRL	0.001				
Total Xylenes			0.023		BRL					
Total BTEX			0.047		BRL					

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Since 1990 Houston - Dallas - San Antonio - Austin - Latin America

Eddie L. Clemons, II
QA/QC Director

KEI Consultants, Ltd., Carrollton, TX

Project Name: Jal Station

Project ID: 910103-8-0

Project Manager: Carl Haack

Project Location: Jal New Mexico

Date Received in Lab: Fri Feb-11-00 12:05 PM

Date Report Faxed: Thu Feb-24-00

XENCO Contact: Debbie Simmons

Analysis Requested	Lab ID:		200879-007		200879-008	
	Field ID:	Depth:	MW-14	MW-15		
	Matrix:		Water	Water		
	Sampled:		Feb-07-2000	Feb-07-2000		
SVOA PAHs List by EPA 8270C	Analyzed:	Units:	Feb-15-2000	Feb-15-2000		
			mg/L	mg/L	R L	
Acenaphthene			BRL 0.002	BRL 0.002	BRL 0.002	
Acenaphthylene			BRL 0.002	BRL 0.002	BRL 0.002	
Anthracene			BRL 0.002	BRL 0.002	BRL 0.002	
Benzo(a)anthracene			BRL 0.002	BRL 0.002	BRL 0.002	
Benzo(a)pyrene			BRL 0.002	BRL 0.002	BRL 0.002	
Benzo(b)fluoranthene			BRL 0.002	BRL 0.002	BRL 0.002	
Benzo(g,h,i)perylene			BRL 0.002	BRL 0.002	BRL 0.002	
Benzo(k)fluoranthene			BRL 0.002	BRL 0.002	BRL 0.002	
Chrysene			BRL 0.002	BRL 0.002	BRL 0.002	
Dibenz(a,h)Anthracene			BRL 0.002	BRL 0.002	BRL 0.002	
Fluoranthene			BRL 0.002	BRL 0.002	BRL 0.002	
Fluorene			BRL 0.002	BRL 0.002	BRL 0.002	
Indeno(1,2,3-c,d)Pyrene			BRL 0.002	BRL 0.002	BRL 0.002	
Naphthalene			0.0152 0.002	BRL 0.002	BRL 0.002	
Phenanthrene			BRL 0.002	BRL 0.002	BRL 0.002	
Pyrene			BRL 0.002	BRL 0.002	BRL 0.002	
TPH DRO by SW846-8015	Analyzed:	Units:	Feb-14-2000	Feb-14-2000		
			mg/L	mg/L	R L	
TPH-DRO (Diesel Range Organics)			1.384 1.00	BRL 1.00	BRL 1.00	

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented.

BRL Below Reporting Limits.

Since 1990 Houston - Dallas - San Antonio - Austin - Latin America

Eddie L. Clements, II
QA/QC Director

Analytical Report: 200879

Project Name: Jal Station
Project ID: 910103-8-0

Lab Batch ID: 203352
Units: mg/L
Sample: 333916-1-
Matrix: Water

BLANK/BLANK SPIKE/BLANK SPIKE DUPLICATE RECOVERY STUDY											
Units: mg/L	Matrix: Water										
BTEX by EPA 8021		Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes											
	Benzene	<0.001	0.1	0.101	101.0	0.098	98.0	3.0	70-125	25	
	Toluene	<0.001	0.1	0.104	104.0	0.103	103.0	1.0	70-125	25	
	Ethylbenzene	<0.001	0.1	0.101	101.0	0.100	100.0	1.0	71-129	25	
	m,p-Xylenes	<0.002	0.2	0.208	104.0	0.206	103.0	1.0	70-125	25	
	o-Xylene	<0.001	0.1	0.110	110.0	0.109	109.0	0.9	71-133	25	

Lab Batch ID: 203413
Units: mg/L
Sample: 333948-1-
Matrix: Water

Units: mg/L		Matrix: Water		BLANK/BLANK SPIKE/BLANK SPIKE DUPLICATE RECOVERY STUDY									
SVOA PAHs List by EPA 8270C				Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blk. Spk Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Analytes													
4-chloro-3-methylphenol				<0.010	0.05	0.046	92.0	0.048	96.0	4.3	16-129	33	
2-Chlorophenol				<0.010	0.05	0.042	84.0	0.040	80.0	4.9	16-116	40	
1,4-Dichlorobenzene				<0.010	0.05	0.042	84.0	0.040	80.0	4.9	19-121	28	
2,4-Dinitrotoluene				<0.010	0.05	0.046	92.0	0.047	94.0	2.2	22-135	38	
4-Nitrophenol				<0.010	0.05	0.028	56.0	0.030	60.0	6.9	10-80	50	
n-Nitrosodi-n-Propylamine				<0.010	0.05	0.051	102.0	0.053	106.0	3.8	22-134	38	
Pentachlorophenol				<0.010	0.05	0.044	88.0	0.040	80.0	9.5	17-117	50	
Phenol				<0.010	0.05	0.028	56.0	0.029	58.0	3.5	12-110	25	
Pyrene				<0.002	0.05	0.052	104.0	0.052	104.0	0.0	23-152	31	
1,2,4-Trichlorobenzene				<0.010	0.05	0.044	88.0	0.046	92.0	4.4	20-124	28	

Relative Percent Difference RPD = $200 \times [(C-E)/(C+E)]$
Blank Spike Recovery [D] = $100 \times (C-A)/[B]$
Blank Spike Duplicate Recovery [F] = $100 \times (E-A)/[B]$
All results are based on MDL and Validated for QC Purposes


Eddie L. Clemons, II
QA/QC Director

Analytical Report: 200879

Lab Batch ID: 203361

Sample: 333915-1-

Units: mg/L

Matrix: Water

Project Name: Jal Station

Project ID: 910103-8-0

TPH DRO by SW846-8015

Analytes

TPH-DRO (Diesel Range Organics)

BLANK/BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Blank Spike Duplicate Result [E]	Blank Spike Dup. %R [F]	RPD %	Control Limits %R	Control Limits %RPD	Flag
<1.00	2.0	2.49	124.5	2.33	116.5	6.6	70-130	35	

Relative Percent Difference RPD = $200 \times [(C-E)/(C+E)]$
Blank Spike Recovery [D] = $100 \times (C-A)/[B]$
Blank Spike Duplicate Recovery [F] = $100 \times (E-A)/[B]$
All results are based on MDL and Validated for QC Purposes


Eddie L. Clemons, II
QA/QC Director

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

Certes File Number: 00-1997

Client Project I.D.:

9276.3

Prepared for:

H2A ENVIRONMENTAL-PORTLAND

418 San Saba

Portland, TX. 78374

Attention:

Teresa Nix

Report Date:

08/09/00

Included are the results of chemical analyses for the samples submitted to Certes Environmental Laboratories, L.L.C., on 08/04/00. All analytical results meet Quality Control requirements as set by the industry accepted criteria. Please refer to the Laboratory Quality Control Results section of this report.

This report must be reproduced in its entirety.

Sincerely,

Certes Environmental Laboratories, L.L.C.



**Amy LaSalle
President**

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	Flag	Analyzed By	Dilution
Client Sample ID: MW-1					Sample Number: 00-1997-001				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 16:10					Sampled By: MR				
EPA 8021B	Benzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	< 3	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	0	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	87%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	91%	80-151%		08/04/00	08/04/00		JJS	1

Client Sample ID: MW-5					Sample Number: 00-1997-002				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 16:00					Sampled By: MR				
EPA 8021B	Benzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	< 3	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	0	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	86%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	89%	80-151%		08/04/00	08/04/00		JJS	1

Client Sample ID: MW-10					Sample Number: 00-1997-003				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 14:15					Sampled By: MR				
EPA 8021B	Benzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	< 3	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	0	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	86%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	90%	80-151%		08/04/00	08/04/00		JJS	1

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	Flag	Analyzed By	Dilution
Client Sample ID: MW-11					Sample Number: 00-1997-004				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 15:12					Sampled By: MR				
EPA 8021B	Benzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	< 3	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	0	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	86%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	89%	80-151%		08/04/00	08/04/00		JJS	1

Client Sample ID: MW-12					Sample Number: 00-1997-005				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 15:32					Sampled By: MR				
EPA 8021B	Benzene	31	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	45	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	76	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	88%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	102%	80-151%		08/04/00	08/04/00		JJS	1

Client Sample ID: MW-13					Sample Number: 00-1997-006				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 15:42					Sampled By: MR				
EPA 8021B	Benzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	< 3	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	0	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	85%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	89%	80-151%		08/04/00	08/04/00		JJS	1

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	Flag	Analyzed By	Dilution
Client Sample ID: MW-15					Sample Number: 00-1997-007				
Date Sampled: 08/02/00					Sample Matrix: Liquid				
Time Sampled: 15:22					Sampled By: MR				
EPA 8021B	Benzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Toluene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Ethylbenzene	< 1	µg/L	1	08/04/00	08/04/00		JJS	1
	Xylenes (Total)	< 3	µg/L	3	08/04/00	08/04/00		JJS	1
	Total BTEX (Calculated)	0	µg/L		08/04/00	08/04/00		JJS	1
	**Surrogates*				08/04/00	08/04/00		JJS	1
	Difluorobenzene	85%	74-116%		08/04/00	08/04/00		JJS	1
	4-Bromofluorobenzene	91%	80-151%		08/04/00	08/04/00		JJS	1

Index of Narrative Footnotes

A - Sample received with headspace for volatile analysis.
B - Analyte detected in the associated method blank.
C - Sample received in unapproved containers.
D - Surrogate diluted out of range.
DNI - Sample does not ignite.
E - Result is above the linear range of the instrument and is to be considered an estimate.
H - Sample contains significant levels of heavy petroleum products > C28.
I - Sample was reported at a dilution with few or no reportable values as a result of matrix interference.
J - Value is a J-value and to be considered an estimate only.
L - Re-analysis was not possible due to limited sample amount.
M - Recoveries out of range due to matrix interferences inherent in sample.
N - Sample has presumptive compounds other than fuel products.
O - Sample received out of hold time.
P - Result is unconfirmed. The quantitative result from the primary column and secondary column did not agree within 40%.
RR - Sample being re-extracted due to failing surrogate or internal standard.
S - Analysis performed at subcontract laboratory.
T - Sample prepared or analyzed out of hold time.
V - Insufficient sample was available for analysis as prescribed by the method. The lesser amount used for analysis raised reporting limits accordingly.
X - Laboratory contamination suspected.
Y - Benzo(B) and Benzo(K) Fluoranthene did not resolve. Value was reported as Benzo(B)fluoranthene.
Z - Dilution was required due to the dark color and thickness of the extract.

* - Analytical result reported on dry weight basis.

	Benzene	Toluene	Ethyl- benzene	Xylenes
Matrix Spike				
Batch Number	080400L3	080400L3	080400L3	080400L3
Date Prepared	08/04/00	08/04/00	08/04/00	08/04/00
Date Analyzed	08/04/00	08/04/00	08/04/00	08/04/00
Spiked Sample ID	1997-1	1997-1	1997-1	1997-1
Sample Measured Result	<1	<1	<1	<3
Spike Level (mg/L) (µg/L) (mg/Kg) (µg/Kg)	100	100	100	300
Spike Result (mg/L) (µg/L) (mg/Kg) (µg/Kg)	97.4	99.3	98.6	291
% Recovery	97	99	99	97
Spike Duplicate Result (mg/L) (µg/L) (mg/Kg) (µg/Kg)	95.8	97.4	97.2	288
% Recovery Duplicate	96	97	97	96
Relative Percent Difference (RPD)	2	2	1	1
RPD % Control Limits (low-high)	0-25	0-25	0-25	0-25
% Rec. Control Limits (low-high)	70-130	70-130	70-130	70-130
Method Blank				
(mg/L) (µg/L) (mg/Kg) (µg/Kg)	<1	<1	<1	<3
Laboratory Control Sample				
Spike Level (mg/L) (µg/L) (mg/Kg) (µg/Kg)	100	100	100	300
Spike Result (mg/L) (µg/L) (mg/Kg) (µg/Kg)	97.5	99.2	96.7	295
% Recovery	98	99	97	98
Spike Duplicate Result (mg/L) (µg/L) (mg/Kg) (µg/Kg)	112	113	112	331
% Recovery Duplicate	112	113	112	110
Relative Percent Difference (RPD) ⁴	14	13	15	12
RPD % Control Limits (low-high)	0-25	0-25	0-25	0-25
% Rec. Control Limits (low-high)	70-130	70-130	70-130	70-130

M = Recoveries out of range due to matrix interference inherent in sample.

µg/l = micrograms per liter (ppb)

µg/kg = micrograms per kilogram (ppb)

< = less than

MS = Matrix Spike

MSD = Matrix Spike Duplicate

LCS = Laboratory Control Sample

BS = Blank Spike

µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)

mg/kg = milligrams per kilogram (ppm)

% = percent

RPD = Relative Percentage Difference

RW = Reagent Water

LCSD = Laboratory Control Sample Duplicate

BSD = Blank Spike Duplicate

Certes 2209 Wisconsin Street, Suite 200 Dallas, Texas 75229 Environmental Laboratories (972) 620-7966 (972) 620-7963		What type reporting feature would you like to use? Fax: Yes ☒ No ☐ EDD's: Yes ☐ No ☐ E-Mail: Yes ☐ No ☐ Add:		Phone No. (361) 777-0860 (361) 777-0971 Fax No.	
Company H&A Environmental, LTD Contact (Report Recipient) Theresa Nix Company Address 500 W. Carroll Avenue Billing Address (If Different)		TAT: Standard: Yes ☒ No ☐ RUSH: Yes ☐ No ☐ If yes: 1 ☐ 2 ☐ 3 ☐ 5 ☐ Days?		State TX Zip 76092	
Client Project ID 9276.3 Quotation Number Sal Basin station (Equilon) Special Instructions (Including Specific Detection Limits)		Site Location			
Sample ID mw-1 mw-5 mw-10 mw-11 mw-12 mw-13 mw-15		Date 8/2/00 16:00 14:15 15:12 15:32 15:42 15:22		Matrix H2O 16:00 14:15 15:12 15:32 15:42 15:22	
Certes No. 1 2 3 4 5 6 7		No. Type of Container 2/100ml 2/100ml 2/100ml 2/100ml 2/100ml 2/100ml 2/100ml		V G J O P	
Sample Receipt (Laboratory Use Only) 1a. Samples @ 4 degrees Celsius? ☒ 1b. Temperature of cooler? 1.2 2. Samples received intact? ☒ 3. Zero headspace for VOC's? ☒ 4. Correct containers used? ☒ 5. Adequate volume provided? ☒ 6. Samples preserved correctly? ☒ 7. Samples received within holding time? ☒ 8. Agreement between COC and sample labels? ☒ Samples Shipped by: UPS Samples Transported By: Client Certes Courier Service		Comments: headspace in #1,2,3,4,5		Analysis(es) Requested (List specific method, if required)	
Relinquished By (Signature): Mak A. Nix		Date 8/3/00 Time 11:50		Relinquished By (Signature): Mona Joban	
Relinquished By (Signature): Mak A. Nix		Date 8/4/00 Time 845		Relinquished By (Signature): Mona Joban	
Certes Job Number 00-1997					

By Signing, you have agreed to our terms and agreements listed on the reverse side.

CERTES ENVIRONMENTAL LABORATORIES ANALYTICAL REPORT

Certes File Number: **00-3068**

Client Project I.D.:

106.001

Prepared for:

H2A ENVIRONMENTAL, LTD.

500 N. Carroll, Ste. 120

Southlake, TX. 76092

Attention:

Theresa Nix

Report Date:

11/30/00

Included are the results of chemical analyses for the samples submitted to Certes Environmental Laboratories, L.L.C., on 11/28/00. All analytical results meet Quality Control requirements as set by the industry accepted criteria. Please refer to the Laboratory Quality Control Results section of this report.

This report must be reproduced in its entirety.

Sincerely,

Certes Environmental Laboratories, L.L.C.



**Amy LaSalle
President**

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	Flag	Analyzed By	Dilution
Client Sample ID: MW-1					Sample Number: 00-3068-001				
Date Sampled: 11/24/00					Sample Matrix: Liquid				
Time Sampled: 7:30					Sampled By: JS				
EPA 8021B	Benzene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Toluene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Ethylbenzene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Xylenes (Total)	< 3	µg/L	3	11/29/00	11/29/00	DBC		1
	Total BTEX (Calculated)	0	µg/L		11/29/00	11/29/00	DBC		1
	**Surrogates*				11/29/00	11/29/00	DBC		1
	Difluorobenzene	93%	74-116%		11/29/00	11/29/00	DBC		1
	4-Bromofluorobenzene	106%	80-151%		11/29/00	11/29/00	DBC		1

Client Sample ID: MW-5					Sample Number: 00-3068-002				
Date Sampled: 11/24/00					Sample Matrix: Liquid				
Time Sampled: 7:50					Sampled By: JS				
EPA 8021B	Benzene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Toluene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Ethylbenzene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Xylenes (Total)	< 3	µg/L	3	11/29/00	11/29/00	DBC		1
	Total BTEX (Calculated)	0	µg/L		11/29/00	11/29/00	DBC		1
	**Surrogates*				11/29/00	11/29/00	DBC		1
	Difluorobenzene	94%	74-116%		11/29/00	11/29/00	DBC		1
	4-Bromofluorobenzene	104%	80-151%		11/29/00	11/29/00	DBC		1

Client Sample ID: MW-10					Sample Number: 00-3068-003				
Date Sampled: 11/24/00					Sample Matrix: Liquid				
Time Sampled: 8:10					Sampled By: JS				
EPA 8021B	Benzene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Toluene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Ethylbenzene	< 1	µg/L	1	11/29/00	11/29/00	DBC		1
	Xylenes (Total)	< 3	µg/L	3	11/29/00	11/29/00	DBC		1
	Total BTEX (Calculated)	0	µg/L		11/29/00	11/29/00	DBC		1
	**Surrogates*				11/29/00	11/29/00	DBC		1
	Difluorobenzene	95%	74-116%		11/29/00	11/29/00	DBC		1
	4-Bromofluorobenzene	106%	80-151%		11/29/00	11/29/00	DBC		1

		Result	Units	Reporting Limit	Date Prepared	Date Analyzed	Flag	Analyzed By	Dilution
Client Sample ID: MW-11						Sample Number: 00-3068-004			
Date Sampled: 11/24/00						Sample Matrix: Liquid			
Time Sampled: 8:30						Sampled By: JS			
EPA 8021B	Benzene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Toluene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Ethylbenzene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Xylenes (Total)	< 3	µg/L	3	11/29/00	11/29/00		DBC	1
	Total BTEX (Calculated)	0	µg/L		11/29/00	11/29/00		DBC	1
	**Surrogates*				11/29/00	11/29/00		DBC	1
	Difluorobenzene	94%	74-116%		11/29/00	11/29/00		DBC	1
	4-Bromofluorobenzene	107%	80-151%		11/29/00	11/29/00		DBC	1

Client Sample ID: MW-15						Sample Number: 00-3068-005			
Date Sampled: 11/24/00						Sample Matrix: Liquid			
Time Sampled: 9:00						Sampled By: JS			
EPA 8021B	Benzene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Toluene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Ethylbenzene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Xylenes (Total)	< 3	µg/L	3	11/29/00	11/29/00		DBC	1
	Total BTEX (Calculated)	0	µg/L		11/29/00	11/29/00		DBC	1
	**Surrogates*				11/29/00	11/29/00		DBC	1
	Difluorobenzene	94%	74-116%		11/29/00	11/29/00		DBC	1
	4-Bromofluorobenzene	108%	80-151%		11/29/00	11/29/00		DBC	1

Client Sample ID: MW-13						Sample Number: 00-3068-006			
Date Sampled: 11/24/00						Sample Matrix: Liquid			
Time Sampled: 9:35						Sampled By: JS			
EPA 8021B	Benzene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Toluene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Ethylbenzene	< 1	µg/L	1	11/29/00	11/29/00		DBC	1
	Xylenes (Total)	< 3	µg/L	3	11/29/00	11/29/00		DBC	1
	Total BTEX (Calculated)	0	µg/L		11/29/00	11/29/00		DBC	1
	**Surrogates*				11/29/00	11/29/00		DBC	1
	Difluorobenzene	97%	74-116%		11/29/00	11/29/00		DBC	1
	4-Bromofluorobenzene	113%	80-151%		11/29/00	11/29/00		DBC	1

Index of Narrative Footnotes

A - Sample received with headspace for volatile analysis.
B - Analyte detected in the associated method blank.
C - Sample received in unapproved containers.
D - Surrogate diluted out of range.
DNI - Sample does not ignite.
E - Result is above the linear range of the instrument and is to be considered an estimate.
H - Sample contains significant levels of heavy petroleum products > C28.
I - Sample was reported at a dilution with few or no reportable values as a result of matrix interference.
J - Value is a J-value and to be considered an estimate only.
L - Re-analysis was not possible due to limited sample amount.
M - Recoveries out of range due to matrix interferences inherent in sample.
N - Sample has presumptive compounds other than fuel products.
O - Sample received out of hold time.
P - Result is unconfirmed. The quantitative result from the primary column and secondary column did not agree within 40%.
RR - Sample being re-extracted due to failing surrogate or internal standard.
S - Analysis performed at subcontract laboratory.
T - Sample prepared or analyzed out of hold time.
V - Insufficient sample was available for analysis as prescribed by the method. The lesser amount used for analysis raised reporting limits accordingly.
X - Laboratory contamination suspected.
Y - Benzo(B) and Benzo(K) Fluoranthene did not resolve. Value was reported as Benzo(B)fluoranthene.
Z - Dilution was required due to the dark color and thickness of the extract.

* - Analytical result reported on dry weight basis.

BTEX - EPA 8021B	Benzene	Toluene	Ethyl-benzene	Xylenes
Matrix Spike				
Batch Number	112900L4	112900L4	112900L4	112900L4
Date Prepared	11/29/00	11/29/00	11/29/00	11/29/00
Date Analyzed	11/29/00	11/29/00	11/29/00	11/29/00
Spiked Sample ID	2997-1	2997-1	2997-1	2997-1
Sample Measured Result	<1	<1	<1	<3
Spike Level (µg/L)	100	100	100	300
Spike Result (µg/L)	99.0	97.0	95.0	287
% Recovery	99	97	95	96
Spike Duplicate Result (µg/L)	102	101	100	301
% Recovery Duplicate	102	101	100	100
Relative Percent Difference (RPD)	3	4	5	5
RPD % Control Limits (low-high)	0-25	0-25	0-25	0-25
% Rec. Control Limits (low-high)	70-130	70-130	70-130	70-130
Method Blank (µg/L)	<1	<1	<1	<3
Laboratory Control Sample				
Spike Level (µg/L)	100	100	100	300
Spike Result (µg/L)	107	107	108	328
% Recovery	107	107	108	109
Spike Duplicate Result (µg/L)	109	110	110	334
% Recovery Duplicate	109	110	110	111
Relative Percent Difference (RPD)	2	3	2	2
RPD % Control Limits (low-high)	0-25	0-25	0-25	0-25
% Rec. Control Limits (low-high)	70-130	70-130	70-130	70-130

µg/l = micrograms per liter (ppb)

µg/kg = micrograms per kilogram (ppb)

< = less than

MS = Matrix Spike

MSD = Matrix Spike Duplicate

LCS = Laboratory Control Sample

BS = Blank Spike

µmhos/cm = micromhos/centimeter

mg/l = milligrams per liter (ppm)

mg/kg = milligrams per kilogram (ppm)

% = percent

RPD = Relative Percentage Difference

RW - Reagent Water

LCSD = Laboratory Control Sample Duplicate

BSD = Blank Spike Duplicate

Certes 2209 Wisconsin Street, Suite 200 Dallas, Texas 75229 Environmental Laboratories (972) 620-7966 (972) 620-7963		Turnaround Time: Standard: Yes ☒ RUSH: Yes ☐ If RUSH: 1 ☐ 2 ☐ 3 ☐ 5 ☐ Days?		Sample Receipt (Laboratory Use Only) 1a. Samples @ 4 degrees Celsius? ☒ 1b. Temperature of cooler? 3.7 2. Samples received intact? ☒ 3. Zero headspace for VOC's? ☒ 4. Correct containers used? ☒ 5. Adequate volume provided? ☒ 6. Samples preserved correctly? ☒ 7. Samples received within holding time? ☒ 8. Agreement between COC and sample labels? ☒ Samples Shipped by: UPS FedEx Other Samples Transported By: Client Certes Courier Service		Yes No	
Company H2A Environmental Contact (Report Recipient) Theresa Nix Company Address 500 N. Carroll Ave., Suite 120 Southlake Billing Address (If Different) Same		Phone No. 361-777-0860 Fax No. 361-777-0971 What type reporting feature would you like to use? Fax: Yes ☒ EDD: Yes ☐		City Southlake State TX Zip 76092		Analysis(es) Requested (List specific method, if required)	
Client Project ID 106.001 Equilon Tail Station Special Instructions (Including Specific Detection Limits)		Quotation Number		Comments:		Analysis(es) Requested (List specific method, if required)	
Sample ID MW-1 MW-5 MW-10 MW-11 MW-15 MW-13		Date 11-24 11-28		Time 0730 0750 0810 0830 0900 0935		Matrix Water ↓ ↓ ↓ ↓ ↓ ↓	
Certes No. 1 2 3 4 5 6		No./Type of Container VOA Glass Other Plastic 2X ↓ ↓ ↓ ↓ ↓ ↓		Relinquished By (Signature): Date 11-27-00 11-28-00		Time 1200 910	
Relinquished By (Signature): Relinquished By (Signature):		Relinquished By (Signature): Date 11-28-00		Time 910		Received for Laboratory By (Signature): Monica Tolan Certes Job Number 00-3068	

By Signing, you have agreed to our terms and agreements listed on the reverse side.