

3R - 201

REPORTS

DATE:

2002

Certified Mail: #7001 1940 0002 1371 7676

February 28, 2003

RECEIVED

MAR 05 2003

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Mr. William C. Olson
New Mexico Oil Conservation Division
1220 St. Francis Dr.
Santa Fe, NM 87504

RE: 2002 Pit Project Annual Groundwater Report

Dear Mr. Olson:


In accordance with reporting requirements, El Paso Field Services (EPFS) has enclosed annual reports for the 30 remaining groundwater impacted sites that were identified during our pit closure project of 1994 / 1995.

EPFS has organized the 30 Annual Reports (Volumes 1, 2 and 3) by land type. Volume 1 contains Annual Reports for sites found on Federal land. Volume 2 contains Non Federal sites and Volume 3 contains sites on Navajo land. Of the 30 reports submitted, EPFS is requesting closure of three sites located on Navajo lands. Of the three Navajo sites submitted for closure OCD has closed the Charley Pah #4 and the John Charles #8. The Rementa et al #1 has not been closed by either agency and EPFS reiterates request for closure of this site. EPFS understands closure of groundwater sites on Navajo land falls under jurisdiction of the Navajo Nation Environmental Protection Agency and original documents have been submitted to them for review. Other Navajo sites are included in the report for your information.

Three additional sites were submitted for closure in 2002. EPFS recently has received closure on the W.D. Heath B-5. Closure approval is pending on the D Loop Line Drip and Hammond # 41A. All of these sites are included in the 2002 Annual Report.

If you have any questions concerning the enclosed reports, please call me at (505) 599-2124.

Sincerely,



Scott T. Pope P.G.
Senior Environmental Scientist

xc: Mr. Denny Foust, NMOCD, Aztec - w / enclosures; **Certified Mail # 7001 1940 0002 1371 7669**
Mr. Bill Liesse, BLM - w / enclosures (federal sites only), **Certified Mail # 7001 1940 0002 1371 7652**



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MAR 05 2003

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

El Paso Field Services

San Juan Basin Pit Program Groundwater Sites Project

2002 Annual Report Non-Federal Sites (Volume 2)

March 2003



MWH

10619 South Jordan Gateway, Suite 100
Salt Lake City, Utah 84095

EL PASO FIELD SERVICES ANNUAL GROUNDWATER REPORT

NON-FEDERAL SITES VOLUME II

TABLE OF CONTENTS

Site Map

METER or LINE ID	SITE NAME	TOWNSHIP	RANGE	SECTION	UNIT
71669	State Gas Com N #1	31N	12W	16	H
70194	Johnston Fed #4	31N	09W	33	H
93388	Horton #1E	31N	09W	28	H
72556	Knight #1	30N	13W	5	A
73551	Coldiron A #1	30N	11W	2	K
03906	GCU Com A #142E	29N	12W	25	G
70445	Standard Oil Com #1	29N	09W	36	N
LD146	Lat 3B-39 Line Drip	29N	09W	10	M
LD087	K-31 Line Drip	25N	06W	16	N
94967	Lindrith B #24	24N	03W	9	N



MWH

MONTGOMERY WATSON HARZA

This is a detailed topographic map of the St. Lawrence County, New York area. The map shows the St. Lawrence River flowing through the region, with various towns and settlements marked. Key features include the Adirondack Park, the St. Lawrence River, and the surrounding terrain. The map includes labels for towns such as Canton, Plattsburgh, and Malone, and features like the Adirondack Park and the St. Lawrence River. A scale bar indicates 1 inch equals 1 mile.

3 mi Scale: 1 : 600,000 Detail: 8.4 Datum: WGS84

**EPFS GROUNDWATER SITES
2002 ANNUAL GROUNDWATER REPORT**

**Johnston Fed #4
Meter Code: 70194**

SITE DETAILS

LEGAL DESCRIPTION: Twn: 31N Rng: 09W Sec: 33 Unit: H
NMOCD Haz Ranking: 40 **Land Type:** Fee **Operator:** Burlington Resources

PREVIOUS ACTIVITIES

Site Assessment: 8/94 **Excavation:** 9/94 (60 cy) **Soil Boring:** 8/95
Monitor Well: 8/95 **Geoprobe:** 9/97 **Additional MWs:** 12/95
Downgradient MWs: 12/95 **Replace MW:** NA **Quarterly Initiated:** NA
ORC Nutrient Injection: NA **Re-Excavation:** NA **PSH Removal Initiated:** 9/97
Annual Initiated: 6/01 **Quarterly Resumed:** NA

SUMMARY OF 2002 ACTIVITIES

MW-1: Quarterly free-product recovery and water level monitoring was performed during 2002.
MW-2: Annual groundwater sampling (June) and quarterly water level monitoring was performed during 2002.
MW-3: Quarterly free-product recovery and water level monitoring was performed during 2002.
Site-Wide Activities: No other activities were performed at this site during 2002.

SUMMARY TABLES AND GRAPHS

- Analytical data is summarized in Table 1 and is presented graphically in Figures 5 through 7.
- Free-product recovery data is summarized in Table 2 and presented graphically in Figures 8 and 9.
- Laboratory reports are presented in Attachment 1.
- Field documentation are presented in Attachment 2.

SITE MAP

Site maps are attached as Figures 1 through 4.

GEOLOGIC LOGS AND WELL COMPLETION DIAGRAMS

No subsurface activities were performed at this site during 2002.

**EPFS GROUNDWATER SITES
2002 ANNUAL GROUNDWATER REPORT**

**Johnston Fed #4
Meter Code: 70194**

DISPOSITION OF GENERATED WASTES

All phase-separated hydrocarbons were disposed of at the EPFS Kutz Separator located in Bloomfield, New Mexico.

ISOCONCENTRATION MAPS

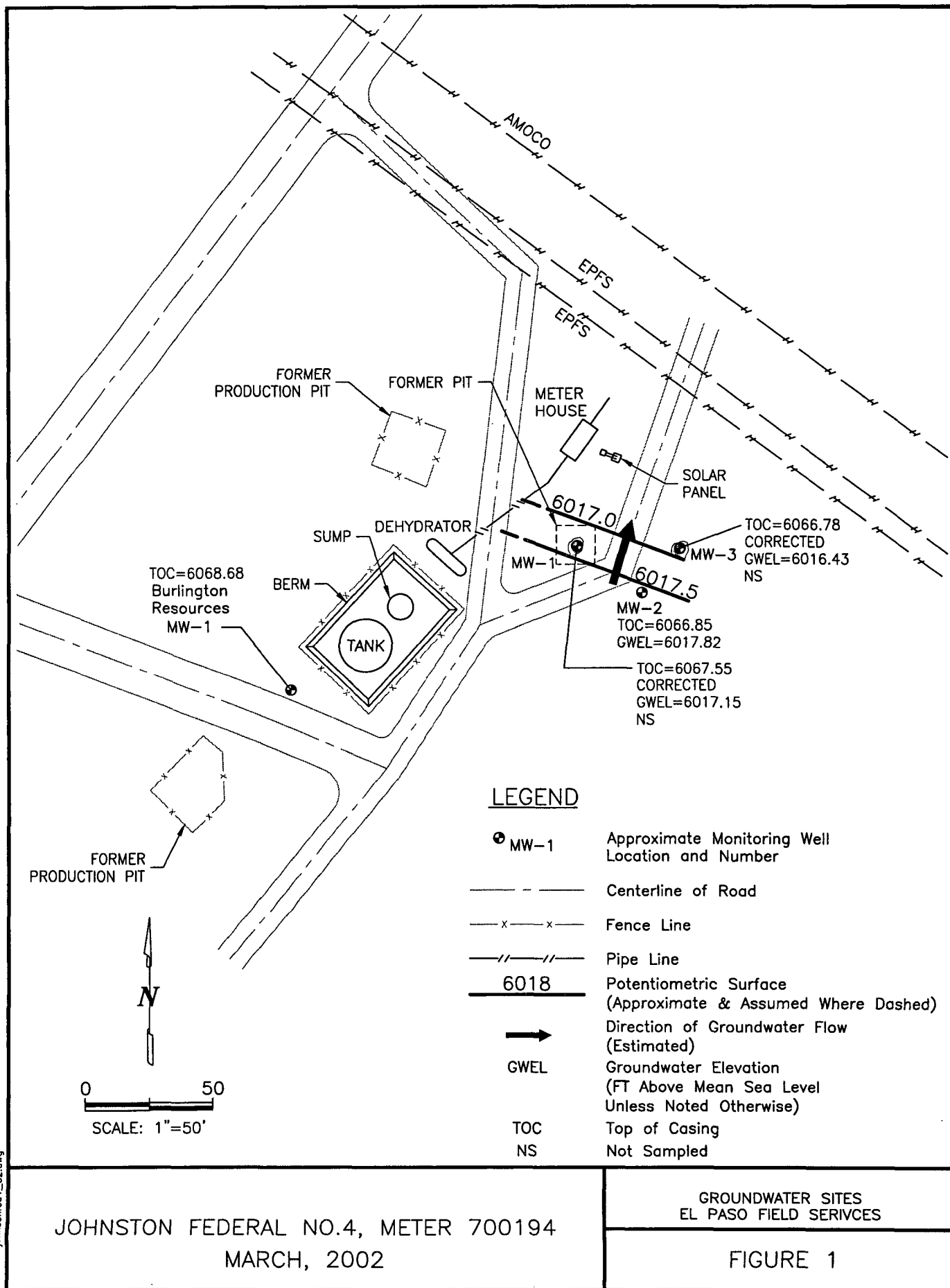
No isoconcentration maps were prepared for this site, however, the attached site maps present the potentiometric surface and analytical data collected during 2002.

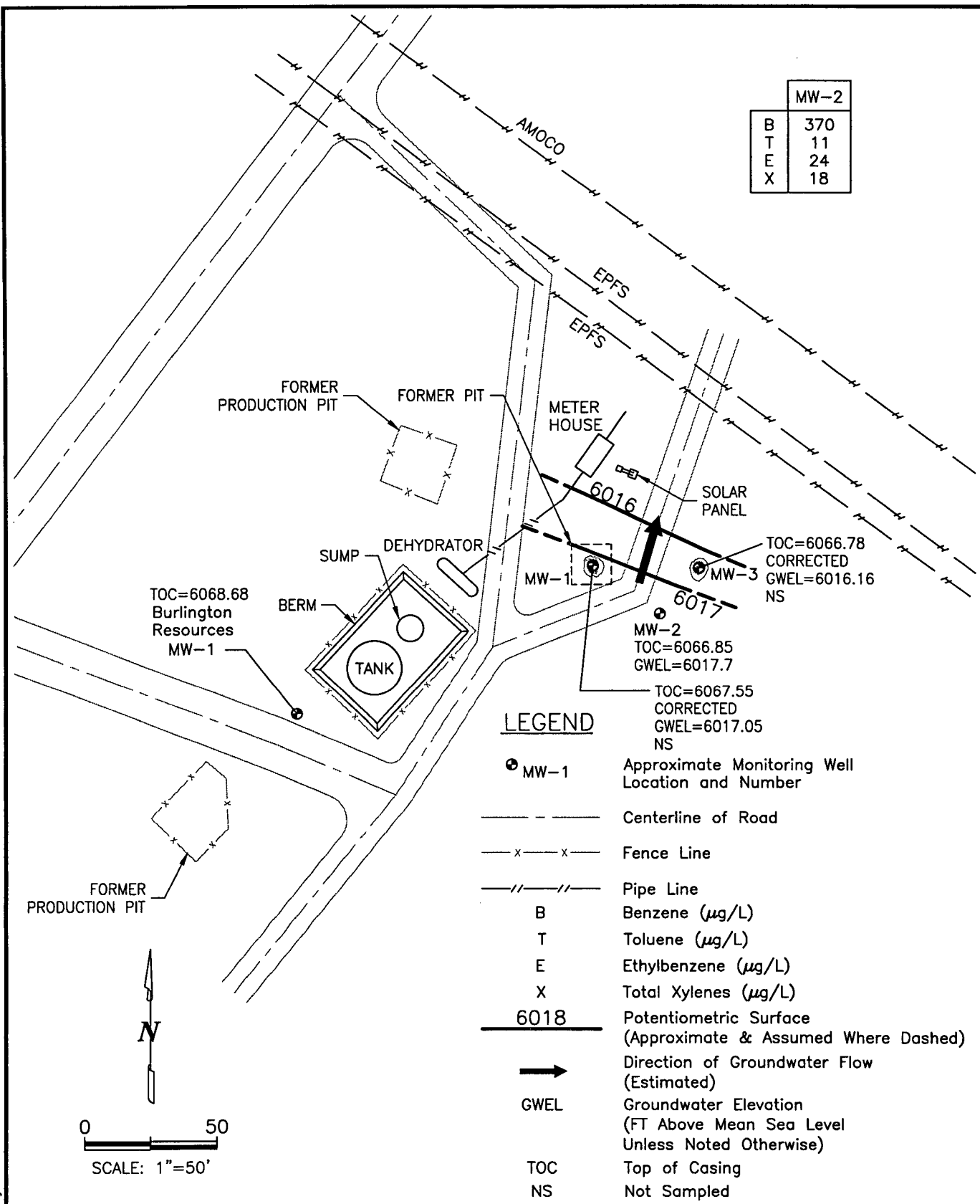
CONCLUSIONS

- The groundwater flow direction at this site trends toward the northeast.
- Free-product recovery efforts at MW-1 resulted in the removal of approximately 0.58 gallons of free-phase hydrocarbons during 2002 bringing the cumulative total volume recovered to date to 8.43 gallons.
- The benzene concentration in the annual groundwater sample collected at MW-2 significantly decreased from 2,800 µg/l (June 2001) to 370 µg/l in June 2002.
- Free-product recovery efforts at MW-3 resulted in the removal of approximately 2.5 gallons of free-phase hydrocarbons during 2002 bringing the cumulative total volume recovered to 2.58 gallons.

RECOMMENDATIONS

- EPFS will continue quarterly free-product recovery efforts at MW-1 and MW-3.
- EPFS recommends redevelopment of monitoring wells MW-1 and MW-3 in an attempt to increase free-product recovery.
- EPFS will continue annual sampling at MW-2 until BTEX constituents approach closure standards. This well will then be scheduled for quarterly sampling until closure criteria are met.

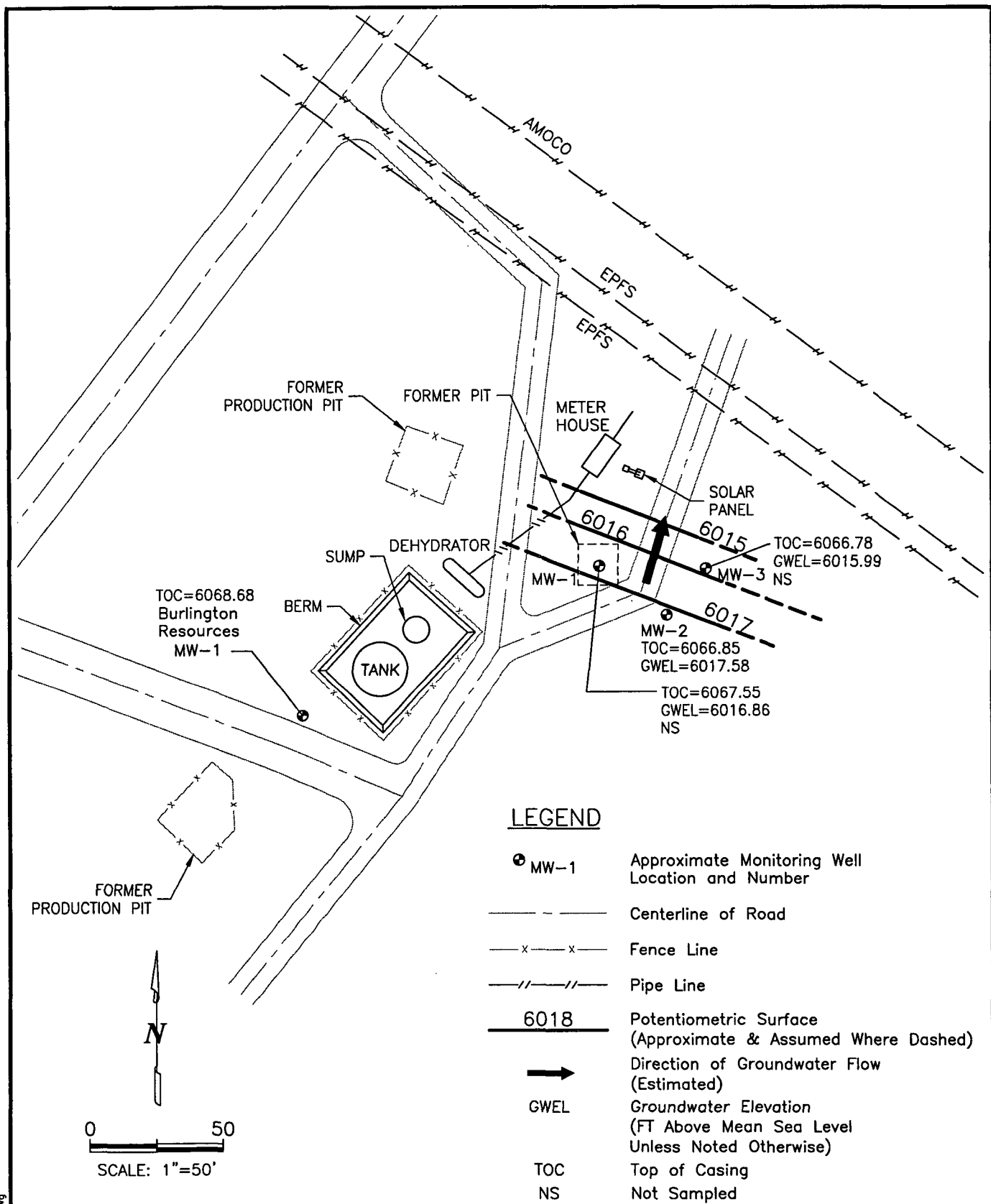




JOHNSTON FEDERAL NO.4, METER 700194
JUNE, 2002

GROUNDWATER SITES
EL PASO FIELD SERVICES

FIGURE 2



JOHNSTON FEDERAL NO.4, METER 700194
SEPTEMBER, 2002

GROUNDWATER SITES
EL PASO FIELD SERVICES

FIGURE 3

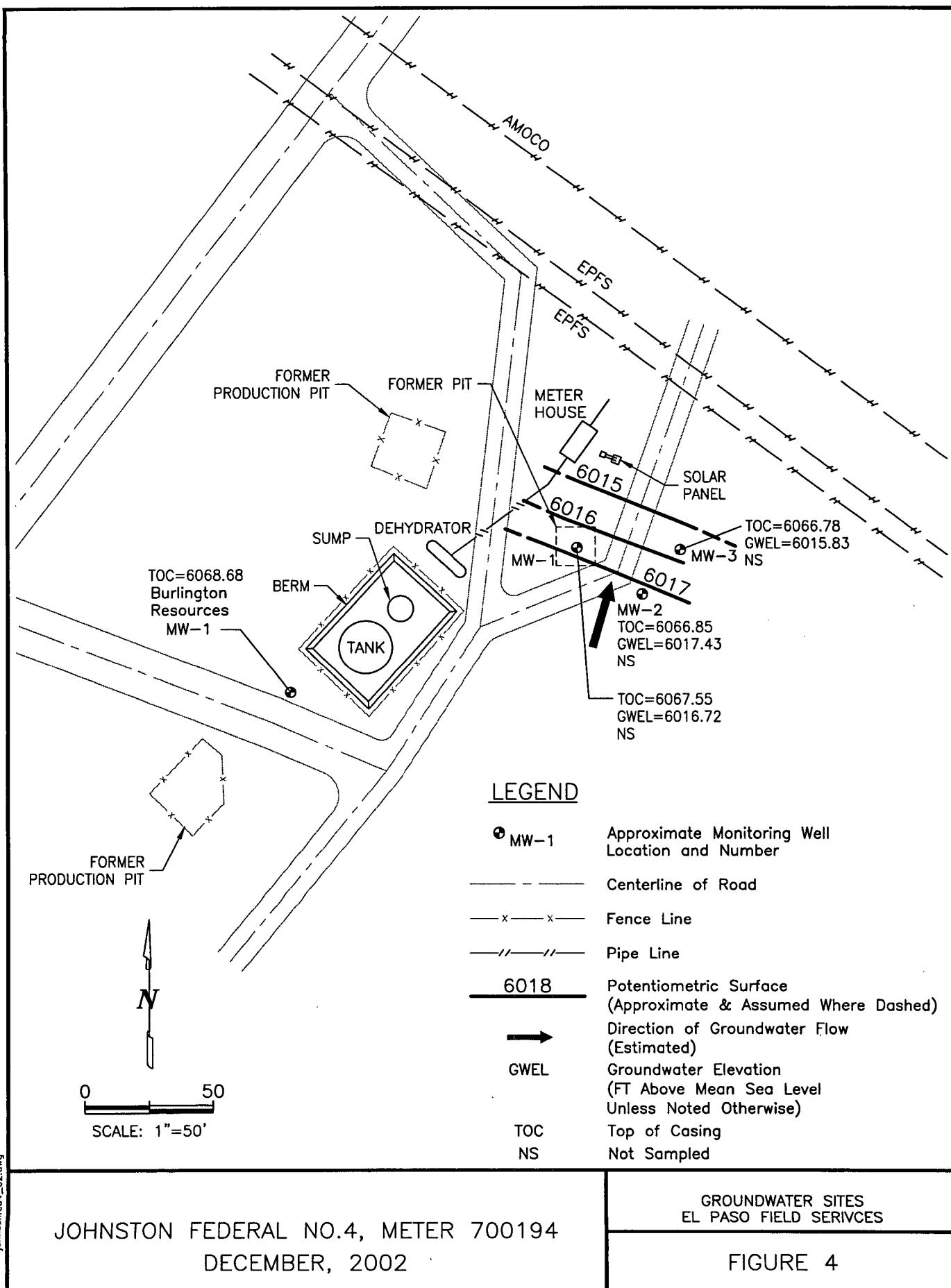


TABLE 1

**SUMMARY OF BTEX COMPOUNDS IN GROUNDWATER
JOHNSTON FEDERAL #4 (METER #70194)**

(Page 1 of 1)

Sample Identification	Sample Date	MW Identification	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)
JOH-0206-MW2	03-Jun-2002	2	370	11	24	18

Figure 5
 Historical BTEX Concentration and Groundwater Elevation vs. Time
 Johnston Federal #4 (Meter #70194)
 MW-1

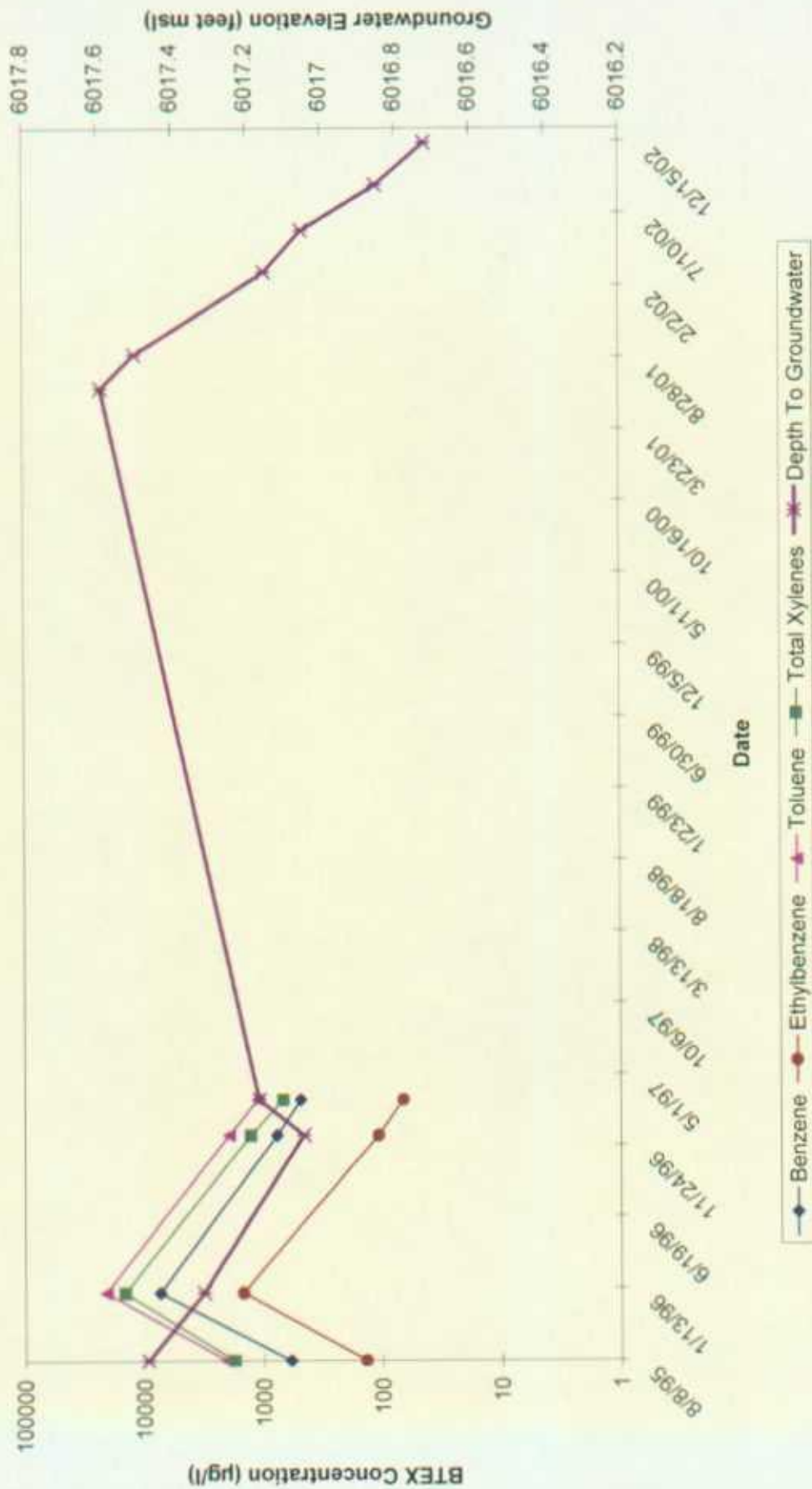


Figure 6
BTEX Concentration and Groundwater Elevation vs. Time
Johnston Federal #4 (Meter #70194)
MW-2

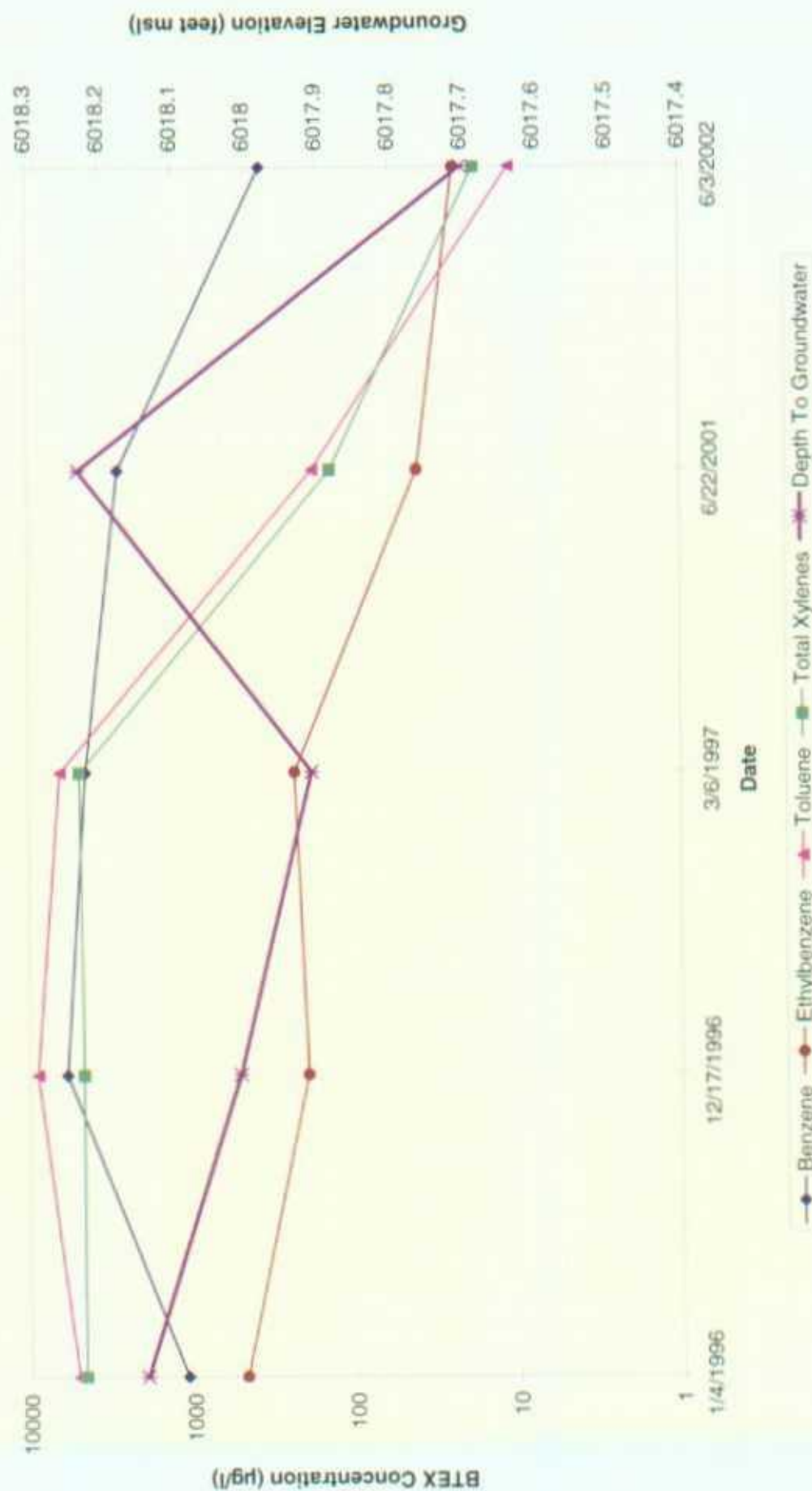
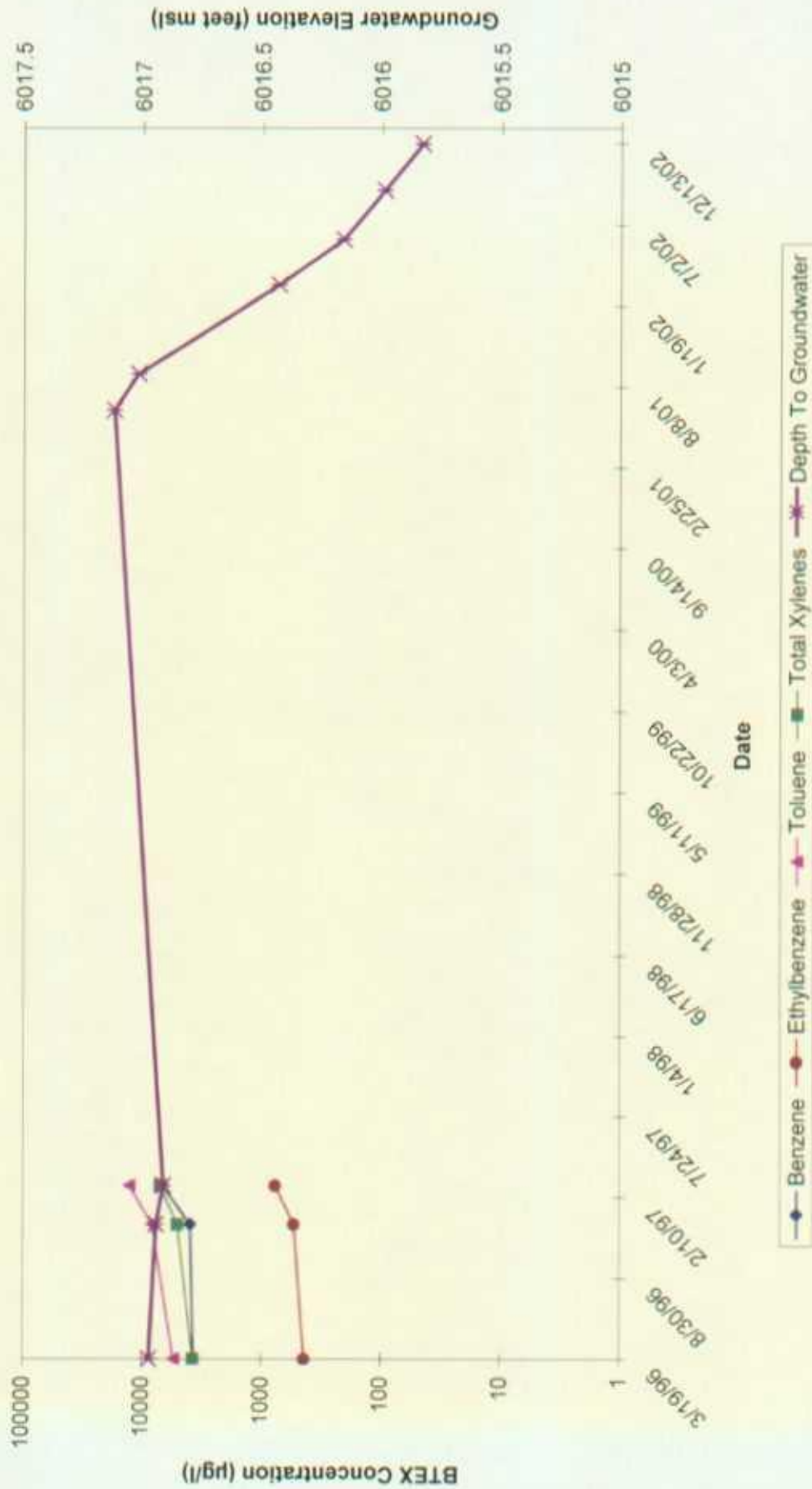


Figure 7
 Historical BTEX Concentration and Groundwater Elevation vs. Time
 Johnston Federal #4 (Meter #70194)
 MW-3



ATTACHMENT 1
LABORATORY REPORTS

70194

PINNACLE
LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

Pinnacle Lab ID number 206031
June 17, 2002

AMEC EARTH & ENVIRONMENTAL
2060 AFTON PLACE
FARMINGTON, NM 87401


EL PASO FIELD SERVICES
614 RIELLY STREET
FARMINGTON, NM 87401

Project Name JOHNSTON FED #4
Project Number 1517000121

Attention: LISA WINN/SCOTT POPE

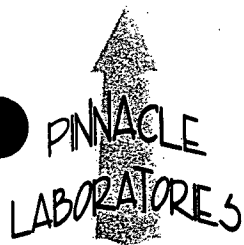
On 06/07/02 Pinnacle Laboratories, Inc., (ADHS License No. AZ0592 pending), received a request to analyze aqueous samples. The samples were analyzed with EPA methodology or equivalent methods. The results of these analyses and the quality control data, which follow each set of analyses, are enclosed.

If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.


H. Mitchell Rubenstein, Ph. D.
General Manager

MR: jt

Enclosure



2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

CLIENT	: AMEC EARTH & ENVIRONMENTAL	PINNACLE ID	: 206031
PROJECT #	: 1517000121	DATE RECEIVED	: 06/07/02
PROJECT NAME	: JOHNSTON FED #4	REPORT DATE	: 06/17/02
PINNACLE		DATE	
ID #	CLIENT DESCRIPTION	MATRIX	COLLECTED
206031 - 01	JOH-0206-MW2	AQUEOUS	06/03/02



2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS

TEST : EPA 8021 MODIFIED
CLIENT : AMEC EARTH & ENVIRONMENTAL
PROJECT # : 1517000121
PROJECT NAME : JOHNSTON FED #4

PINNACLE I.D.: 206031

SAMPLE			DATE	DATE	DATE	DIL.
ID. #	CLIENT I.D.	MATRIX	SAMPLED	EXTRACTED	ANALYZED	FACTOR
01	JOH-0206-MW2	AQUEOUS	06/03/02	NA	06/10/02	10

PARAMETER	DET. LIMIT	UNITS	JOH-0206-MW2
BENZENE	0.5	UG/L	370
TOLUENE	0.5	UG/L	11
ETHYLBENZENE	0.5	UG/L	24
TOTAL XYLENES	1.0	UG/L	18

SURROGATE:
BROMOFLUOROBENZENE (%) 101
SURROGATE LIMITS (80 - 120)

CHEMIST NOTES:
N/A

PINNACLE
LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 206031
BLANK I. D.	: 060902	DATE EXTRACTED	: N/A
CLIENT	: AMEC EARTH & ENVIRONMENTAL	DATE ANALYZED	: 06/09/02
PROJECT #	: 1517000121	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: JOHNSTON FED #4		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
TOTAL XYLENES	UG/L	<1.0

SURROGATE:

BROMOFLUOROBENZENE (%) 99

SURROGATE LIMITS: (80 - 120)

COMMENTS NOTES:

N/A

PINNACLE
LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY RESULTS
REAGENT BLANK

EST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 206031
LAB I. D.	: 061002	DATE EXTRACTED	: N/A
CLIENT	: AMEC EARTH & ENVIRONMENTAL	DATE ANALYZED	: 06/10/02
PROJECT #	: 1517000121	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: JOHNSTON FED #4		

PARAMETER	UNITS	
BENZENE	UG/L	<0.5
TOLUENE	UG/L	<0.5
ETHYLBENZENE	UG/L	<0.5
XYLENES	UG/L	<1.0

UNSATURATED:
PERCENT FLUOROBENZENE (%) 95
UNSATURATED LIMITS: (80 - 120)
ANALYST NOTES:
/A

↑
PINNACLE
LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 206031
BATCH #	: 060902	DATE EXTRACTED	: N/A
CLIENT	: AMEC EARTH & ENVIRONMENTAL	DATE ANALYZED	: 06/09/02
PROJECT #	: 1517000121	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: JOHNSTON FED #4	UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	19.1	96	19.4	97	2	(80 - 120)	20
TOLUENE	<0.5	20.0	20.0	100	20.8	104	4	(80 - 120)	20
ETHYLBENZENE	<0.5	20.0	20.3	102	20.9	105	3	(80 - 120)	20
TOTAL XYLENES	<1.0	60.0	62.9	105	64.6	108	3	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\% \text{ RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$



2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
LCS/LCSD

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 206031
BATCH #	: 061002	DATE EXTRACTED	: N/A
CLIENT	: AMEC EARTH & ENVIRONMENTAL	DATE ANALYZED	: 06/10/02
PROJECT #	: 1517000121	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: JOHNSTON FED #4	UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	19.1	96	18.9	95	1	(80 - 120)	20
OLUENE	<0.5	20.0	20.0	100	19.8	99	1	(80 - 120)	20
THYLBENZENE	<0.5	20.0	20.3	102	20.1	101	1	(80 - 120)	20
TOTAL XYLENES	<1.0	60.0	62.8	105	62.3	104	1	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\% \text{ RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PINNACLE
LABORATORIES

2709-D Pan American Freeway NE
Albuquerque, New Mexico 87107
Phone (505) 344-3777
Fax (505) 344-4413

GAS CHROMATOGRAPHY QUALITY CONTROL
MS/MSD

TEST	: EPA 8021 MODIFIED	PINNACLE I.D.	: 206031
MSMSD #	: 206037-01	DATE EXTRACTED	: N/A
CLIENT	: AMEC EARTH & ENVIRONMENTAL	DATE ANALYZED	: 06/09/02
PROJECT #	: 1517000121	SAMPLE MATRIX	: AQUEOUS
PROJECT NAME	: JOHNSTON FED #4	UNITS	: UG/L

PARAMETER	SAMPLE RESULT	CONC SPIKE	SPIKED SAMPLE	% REC	DUP SPIKE	DUP % REC	RPD	REC LIMITS	RPD LIMITS
BENZENE	<0.5	20.0	19.4	97	19.2	96	1	(80 - 120)	20
TOLUENE	<0.5	20.0	20.4	102	20.4	102	0	(80 - 120)	20
ETHYLBENZENE	<0.5	20.0	20.8	104	20.6	103	1	(80 - 120)	20
TOTAL XYLENES	<1.0	60.0	64.3	107	64.2	107	0	(80 - 120)	20

CHEMIST NOTES:
N/A

$$\% \text{ Recovery} = \frac{(\text{Spike Sample Result} - \text{Sample Result})}{\text{Spike Concentration}} \times 100$$

$$\text{RPD (Relative Percent Difference)} = \frac{(\text{Sample Result} - \text{Duplicate Result})}{\text{Average Result}} \times 100$$

PROJECT MANAGER: LISA WINN		ANALYSIS REQUEST	
COMPANY: AMEC	2060 AFTON PLACE	8260 (TCL) Volatile Organics	
ADDRESS: Farmington NM 87401	(505) 327-7928	8260 (Full) Volatile Organics	
PHONE: (505) 326	SCOTT POPE	8260 (CUST) Volatile Organics	
FAX: (505) 326	El Paso Field Services	8260 (Landfill) Volatile Organics	
BILL TO: 614 Reilly AVE	Farmington NM 87401	Pesticides/PCB (608/8081/8082)	
COMPANY: Farmington NM 87401		Herbicides (615/8151)	
ADDRESS: Farmington NM 87401		Base/Neutral/Acid Compounds GC/MS (625/8270)	
		Polynuclear Aromatics (610/8310/8270-SIMS)	
		General Chemistry:	
		Priority Pollutant Metals (13)	
		Target Analyte List Metals (23)	
		RCRA Metals (8)	
		RCRA Metals by TCLP (Method 1311)	
		Metals:	
		NUMBER OF CONTAINERS	2

PROJECT INFORMATION		RELINQUISHED BY		RELINQUISHED BY	
PROJ. NO: 151700012-1	DATE: 6-3-02	Signature: [Signature]	Time: 1430	Signature: [Signature]	Time: 1030
PROJ. NAME: EPLS 614 PPT	DATE: 6-3-02	Printed Name: Chris AMEC	Date: 6/6/02	Printed Name: Chris AMEC	Date: 6/6/02
P.O. NO:		Company: AMEC		Company: AMEC	
SHIPPED VIA: Greyhound		See reverse side (For Signature)		RECEIVED BY (LAB)	
COMMENTS: FIXED FEE		RECEIVED BY		RECEIVED BY	
JOHNSTON FED #4		Signature: [Signature]		Signature: [Signature]	
meter # (70194)		Printed Name: [Name]		Printed Name: [Name]	
		Company: [Company]		Company: [Company]	

SHADED AREAS ARE FOR LAB USE ONLY

PLEASE FILL THIS FORM IN COMPLETELY.

ATTACHMENT 2
FIELD DOCUMENTATION

Product Recovery and Well Observation Data

Project Name: San Juan River Basin
 Project Manager: Delbert Felix
 Client Company: MWH
 Site Name: Johnston Federal 4

Project No: 220013
 Date: 12-12-02

Well	Time	Depth to Water (ft)	Depth to Product (ft)	Total Well Depth (ft)	Product Thickness (ft)	Volume Removed	Comments
MW-1	1100	50.83	50.60	57.025	.23	16 oz	
MW-3		50.95	50.25	59.44	.700	1.5 gal.	
MW-2	1120	49.42	—	53.600	—	Ø	

COMMENTS:

MW-3 - Bailed 11 gallons of water + product. oily + thick. greyish black in color. 1.5 gallon of product removed. Water clear after product removed. light yellow product.

MW-1 - grey in color, oily + thick water. water clear after finish bailing

Signature: Delbert Felix

Date: 12/12/02

Product Recovery and Well Observation Data

Project Name: San Juan River Basin
Project Manager: Ashley Lowe
Client Company: MWH
Site Name: Johnston Federal 4

Project No: 220013
Date: 09/10/02

Well	Time	Depth to Water (ft)	Depth to Product (ft)	Total Well Depth (ft)	Product Thickness (ft)	Volume Removed	Comments
MW-2	9:44	49.270	—	53.600	—	0	
MW-1	10:26	50.700	50.505	57.025	0.195	20oz	also bailed 1.5 gal v. black silty water
MW-3	9:50	50.792	50.115	59.443	0.677	32oz	also bailed 2 gal of black silty water

COMMENTS:

MW-1: stopped bailing after water turned clear again; v. light yellow product

MW-3: gray silt on bottom of probe, collected ~2 gal of black, v. odorous silt. Stopped bailing when bailed water turned clear

Signature: Ashley Lowe

Date: 09/10/02

amec

Project No.: 15/7000/21

Task: 3

Date: 8-3-02

Site Name: JOHN STON FED #9 (10/99)

Reason Not Measured: D = Dry; O = Obstructed; N = Not Accessible

Signature: Rio A. May Date: 6-3-02

Signature: Chris A. Mait Date: 6-3-02

PLEASE FILL THIS FORM IN COMPLETELY.

SHADED AREAS ARE FOR LAB USE ONLY

PNM
LABORATORY

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

DATE 6-3-02 PAGE 1 OF 1

ANALYSIS REQUEST

PROJECT MANAGER: LISA WILSON

COMPANY:
ADDRESS:

AMEC

3060 AFTON PLACE

EVANSTON, ILL 60120-8740

PHONE:

(508) 327-7924

FAX:

(508) 326

BILL TO:

SCOTT POPE

COMPANY:

El Paso Field Services

ADDRESS:

614 REILLY AVE

EVANSTON, ILL 60120-8740

SAMPLE ID

DATE

TIME

MONTH

LAB ID

TOH-0206-MW 2 6-3-02 1100 H₂O

Petroleum Hydrocarbons (418.1) TRPH
(MOD.8015) Diesel/Direct Inject

(M8015) Gas/Purge & Trap

8021 (BTX)/8015 (Gasoline) MTBE

8021 (BTX) ☐ MTBE ☐ TMB ☐ PCE

8021 (TCL)

8021 (EDX)

8021 (HALO)

8021 (CUST)

504.1 EDB ☐ / DBCP ☐

8260 (TCL) Volatile Organics

8260 (Full) Volatile Organics

8260 (CUST) Volatile Organics

8260 (Landfill) Volatile Organics

Pesticides/PCB (608/8081/8082)

Herbicides (615/8151)

Base/Neutral/Acid Compounds GC/MS (625/8270)

Polynuclear Aromatics (610/8310/8270-SIMS)

General Chemistry:

Priority Pollutant Metals (13)

Target Analyte List Metals (23)

RCRA Metals (8)

RCRA Metals by TCLP (Method 1311)

Metals:

NUMBER OF CONTAINERS

PROJECT INFORMATION

PROJ. NO.: 15100001

PROJ. NAME: EPCAS G/L P/S

P.O. NO.:

SHIPPED VIA: FedEx Hand

SAMPLE RECEIPT

NO CONTAINERS

CUSTODY SEALS

RECEIVED BY:

PRIOR AUTHORIZATION IS REQUIRED FOR RUSH PROJECTS

(RUSH) ☐ 24hr ☐ 48hr ☐ 72hr ☐ 1 WEEK

(NORMAL) ☒

CERTIFICATION REQUIRED ☐ NM ☐ SDWA ☐ OTHER

METHANOL PRESERVATION ☐

COMMENTS: FIXED FEE ☐

JOHNSTON, FED #17
meter # (70194)

RELINQUISHED BY:

Signature:

Time:

Printed Name:

Date:

Company:

See reverse side (For signature)

RECEIVED BY:

Signature:

Time:

Printed Name:

Date:

Company:

RELINQUISHED BY:

Signature:

Time:

Printed Name:

Date:

Company:

RECEIVED BY: (LAB)

Signature:

Time:

Printed Name:

Date:

Company:

amec

Project No.: 1517000121

Task: 3

Date: 3 4 02

Date: 3 4 02

Signature: Pho A Ph Date: 3-4-02

Signature: Pho A Ph Date: 3-4-02