3R - 201

REPORTS

DATE:



Certified Mail: #7001 1940 0002 1371 7676

February 28, 2003

RECEIVED

MAR 0 5 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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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



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

EL PASO FIELD SERVICES ANNUAL GROUNDWATER REPORT

NON-FEDERAL SITES VOLUME II

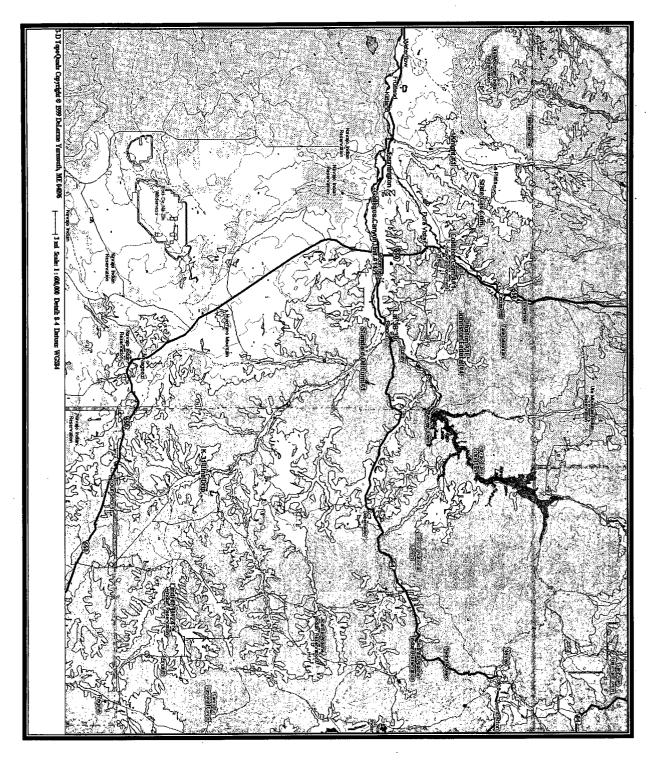
TABLE OF CONTENTS

Site Map

METER or LINE ID	SITE NAME	TOWNSHIP	RANGE	SECTION	UNIT
71669	State Gas Com N #1	31N	12W	16	Н
70194	Johnston Fed #4	31N	09W	33	Н
93388	Horton #1E	31N	09W	28	Н
72556	Knight #1	30N	13W	. 5	Α
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	М
LD087	K-31 Line Drip	25N	06W	16	N.
94967	Lindrith B #24	24N	03W	. 9	N







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

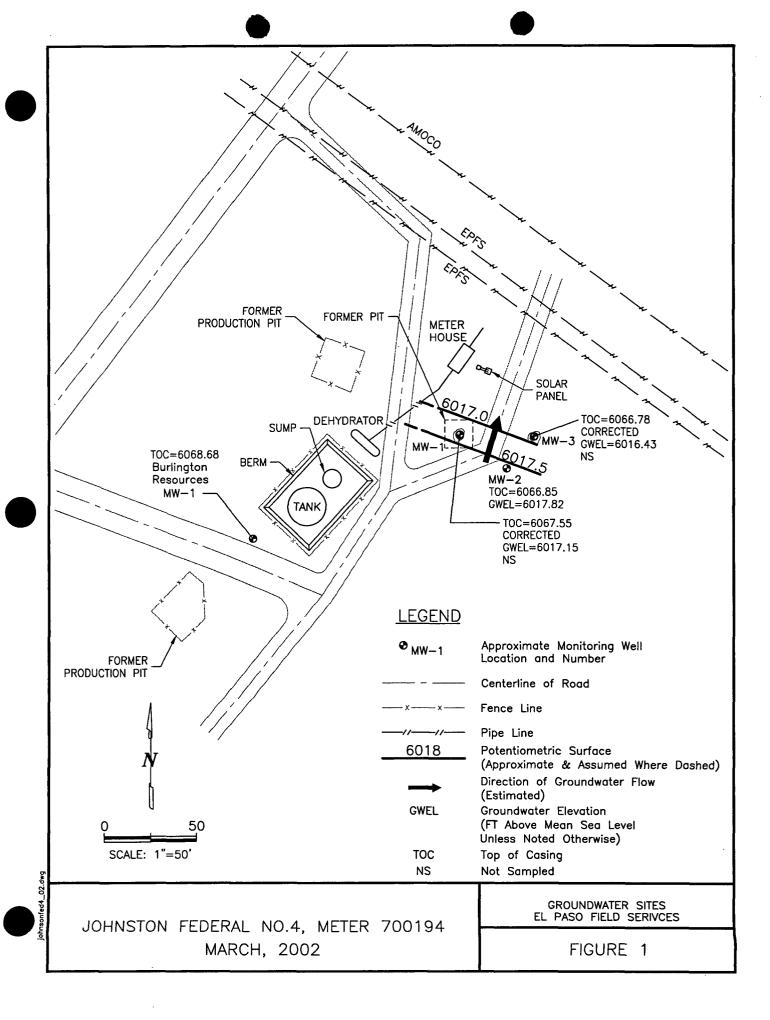
No isoconcentration maps were prepared for this site, however, the attached site maps present the potentiometric surface and analytical data collected during 2002.

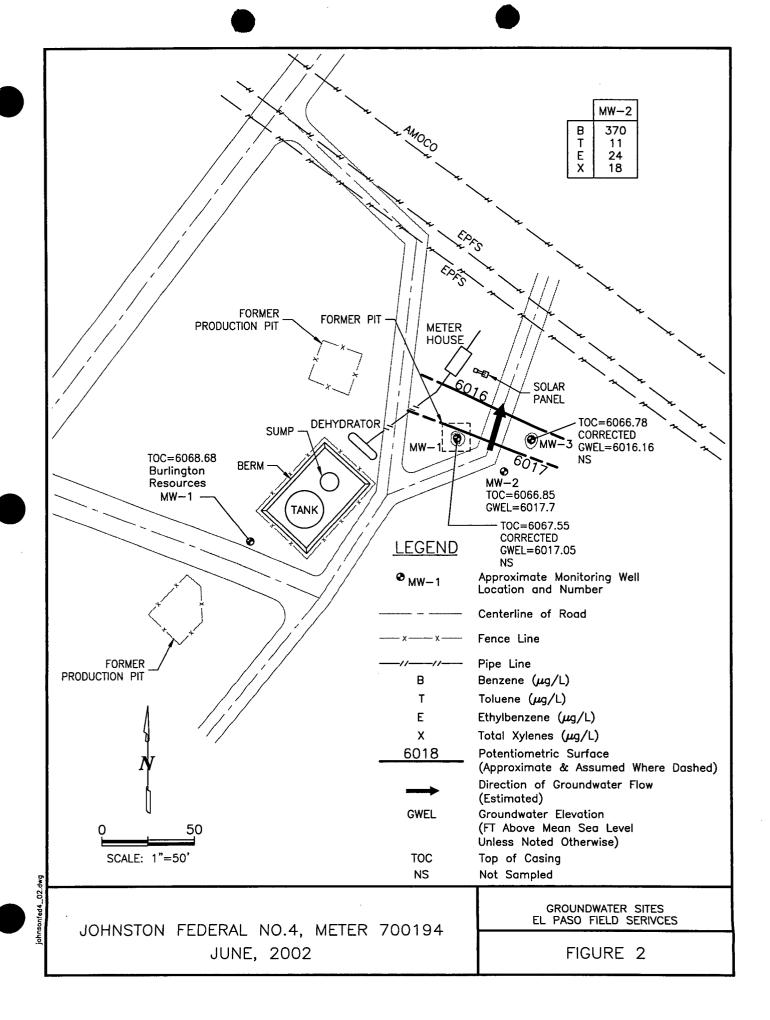
CONCLUSIONS

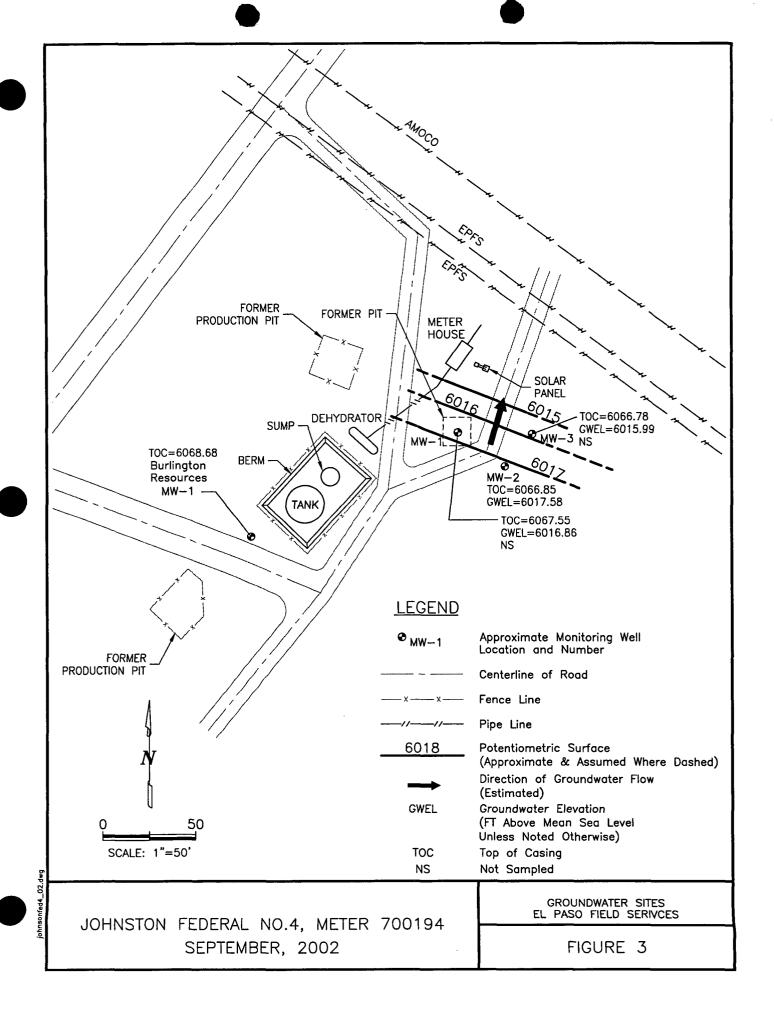
- The groundwater flow direction at this site trends toward the northeast.
- Free-product recovery efforts at MW-1 resulted in the removal of approximately 0.58 gallons of free-phase hydrocarbons during 2002 bringing the cumulative total volume recovered to date to 8.43 gallons.
- The benzene concentration 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.







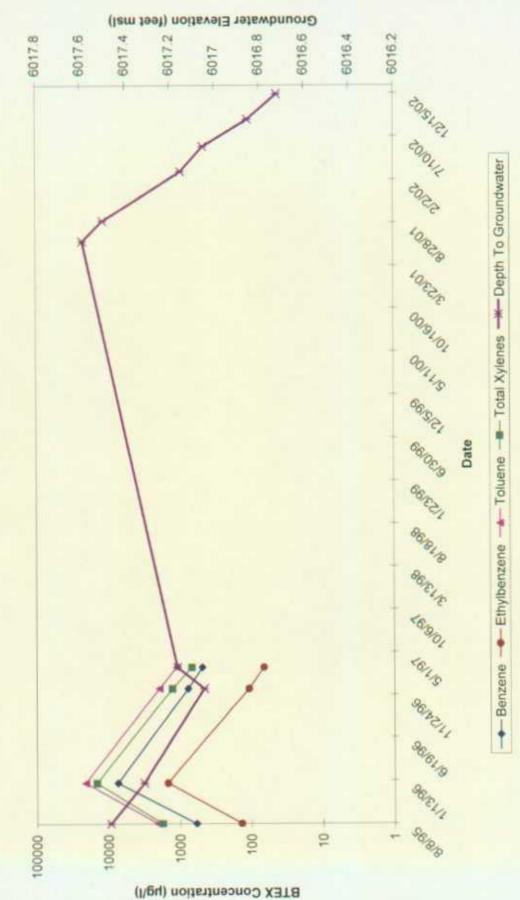
FORMER FORMER PIT PRODUCTION PIT **METER** HOUSE SOLAR PANEL TOC=6066.78 **DEHYDRATOR** SUMP GWEL=6015.83 TOC=6068.68 **BERM** Burlington MW-2 Resources TOC=6066.85 MW-1 GWEL=6017.43 TOC=6067.55 GWEL=6016.72 NS **LEGEND** Approximate Monitoring Well Location and Number **⊘** MW-1 **FORMER** PRODUCTION PIT Centerline of Road Fence Line Pipe Line 6018 Potentiometric Surface (Approximate & Assumed Where Dashed) Direction of Groundwater Flow (Estimated) **GWEL** Groundwater Elevation (FT Above Mean Sea Level 50 Unless Noted Otherwise) SCALE: 1"=50' TOC Top of Casing NS Not Sampled GROUNDWATER SITES EL PASO FIELD SERIVCES JOHNSTON FEDERAL NO.4, METER 700194 DECEMBER, 2002 FIGURE 4

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



6/3/2002 BTEX Concentration and Groundwater Elevation vs. Time 6/22/2001 Johnston Federal #4 (Meter #70194) Figure 6 MW-2 3/6/1997 Date 12/17/1996 1/4/1996 10000

1000

100

BTEX Concentration (µg/I)

Groundwater Elevation (feet msl)

6017.9

6018.1

6018

6018,3

6018.2

6017.8

6017.7

6017.6

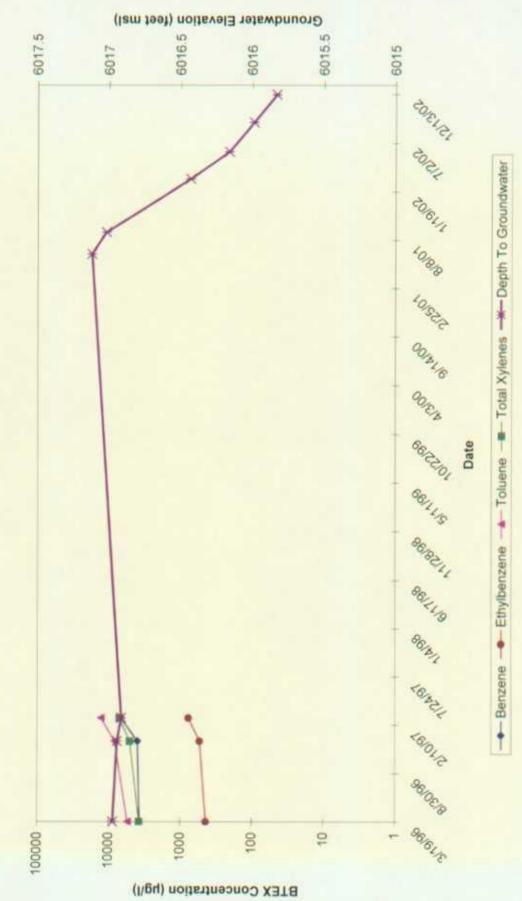
10

6017.5

6017.4

-- Benzene -- Ethylbenzene -- Toluene -- Total Xylenes -- Depth To Groundwater

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



ATTACHMENT 1

LABORATORY REPORTS



Pinnacle Lab ID number June 17, 2002

206031

AMEC EARTH & ENVIRONMENTAL 2060 AFTON PLACE FARMINGTON, NM 87401

EL PASO FIELD SERVICES 614 RIELLY STREET FARMINGTON, NM 87401

Project Name Project Number

JOHNSTON FED #4

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.

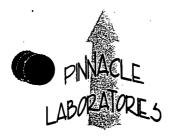
If you have any questions or comments, please do not hesitate to contact us at (505)344-3777.

H. Mitchell Rubenstein, Ph. D.

General Manager

MR: jt

Enclosure



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



GAS CHROMATOGRAPHY RESULTS

TEST

: EPA 8021 MODIFIED

CLIENT

: AMEC EARTH & ENVIRONMENTAL

PINNACLE I.D.: 206031

PROJECT#

: 1517000121

PROJECT NAME

: JOHNSTON FED #4

1100201	1 1 17 1171122	001111010111	-0 17 1				
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
PARAME	TER	DET. LIMIT		UNITS	JOH-0206-MW2		
BENZEN	E	0.5		UG/L	370		
TOLUENI	E	0.5		UG/L	11		•
ETHYLBE	ENZENE	0.5		UG/L	24		•
TOTAL X	YLENES	1.0		UG/L	18		
	ATE:						
BROMOF	LUOROBENZENE (9	%)			101	•	•
SURROG	ATE LIMITS	(80 - 120)					

CHEMIST NOTES:

N/A



GAS CHROMATOGRAPHY RESULTS **REAGENT BLANK**

EST

: EPA 8021 MODIFIED

PINNACLE I.D.

206031

BLANK I. D.

: 060902

DATE EXTRACTED

LIENT

DATE ANALYZED

N/A 06/09/02

'ROJECT#

: AMEC EARTH & ENVIRONMENTAL : 1517000121

PROJECT NAME

SAMPLE MATRIX

AQUEOUS:

'ARAMETER

: JOHNSTON FED #4

UNITS

< 0.5

3ENZENE OLUENE

UG/L

< 0.5 < 0.5

ETHYLBENZENE 'OTAL XYLENES UG/L UG/L

UG/L

<1.0

SURROGATE:

3ROMOFLUOROBENZENE (%)

99

BATE LIMITS:

(80 - 120)

1/A



GAS CHROMATOGRAPHY RESULTS **REAGENT BLANK**

EST

: EPA 8021 MODIFIED

PINNACLE I.D.

206031

LANK I. D.

: 061002

DATE EXTRACTED

N/A

LIENT

DATE ANALYZED

06/10/02

ROJECT#

: AMEC EARTH & ENVIRONMENTAL : 1517000121

SAMPLE MATRIX

ROJECT NAME

: JOHNSTON FED #4

AQUEOUS

ARAMETER

ENZENE

UNITS UG/L

<0.5

OLUENE

UG/L

<0.5

THYLBENZENE

UG/L

<0.5

OTAL XYLENES

UG/L

<1.0

URROGATE:

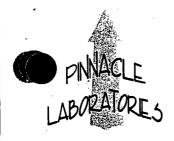
FLUOROBENZENE (%)

95

ATE LIMITS:

ST NOTES:

(80 - 120)



206031

GAS CHROMATOGRAPHY QUALITY CONTROL LCS/LCSD

PINNACLE I.D.

X 100

3ATCH# : 060902 DATE EXTRACTED N/A DATE ANALYZED 06/09/02 CLIENT : AMEC EARTH & ENVIRONMENTAL PROJECT # : 1517000121 SAMPLE MATRIX **AQUEOUS** PROJECT NAME **JOHNSTON FED #4** UNITS UG/L % DUP SAMPLE SPIKED DUP REC RPD CONC SPIKE SPIKE % REC LIMITS PARAMETER RESULT SAMPLE REC **RPD** LIMITS **3ENZENE** <0.5 97 20 20.0 19.1 96 19.4 (80 - 120) **COLUENE** <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 (80 - 120) 20 *TOTAL XYLENES* <1.0 60.0 62.9 105 64.6 (80 - 120)20 108

ST NOTES:

TEST

(Spike Sample Result - Sample Result)

: EPA 8021 MODIFIED

6 Recovery =

Spike Concentration

(Sample Result - Duplicate Result)

RPD (Relative Percent Difference) =

Average Result

-- X 100



GAS CHROMATOGRAPHY QUALITY CONTROL LCS/LCSD

PINNACLE I.D. EST : EPA 8021 MODIFIED 206031 DATE EXRACTED : 061002 N/A **IATCH# LIENT** : AMEC EARTH & ENVIRONMENTAL DATE ANALYZED 06/10/02 'ROJECT# SAMPLE MATRIX AQUEOUS 1517000121 **UNITS** 'ROJECT NAME **JOHNSTON FED #4** UG/L

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

X 100



(Spike Sample Result - Sample Result)

6 Recovery = - X 100

Spike Concentration

(Sample Result - Duplicate Result) ₹PD (Relative Percent Difference) =

Average Result



GAS CHROMATOGRAPHY QUALITY CONTROL MS/MSD

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

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

X 100



(Spike Sample Result - Sample Result)

% Recovery = ------ X 100

Spike Concentration

RPD (Relative Percent Difference) = (Sample Result - Duplicate Result)

Average Pegi

Average Result

Pinnacle Laboratories Inc.

ZHÝDED VYEVZ VYELEDY CYBOZE ONCK

N OF CUSTODY P OJ PAGE:

%0603

NUMBE 95*0)* Metals: RCRA Metals by TCLP (Method 1311) Date RCRA Metals (8) RECEIVED BY: (LAB) RELINQUISHED BY: Target Analyte List Metals (23) Priority Pollutant Metals (13): Printed Name: Сотрапу: General Chemistry: Polynuclear Aromatics (610/8310/8270-SIMS) Base/Neutral/Acid Compounds GC/MS (625/8270) Herbicides (615/8151) Pesticides/PCB (608/8081/8082) 8260 (Landfill) Volatile Organics RELINGUISHED BY: 8260 (CUST) Volatile Organics \$260 (Full) Volatile Organics 8260 (TCL) Volatile Organics Signature: 2041 EDB [] \ DBCb [] 8021 (CUST) FOR RUSH PROJECTS (OJAH) 1508 NORMAL) 8021 (EDX) 8021 (TCL) 8021 (BTEX) CIMTBE CITMB □ OTHER 8021 (BTEX)/6012 qsiT & egiu9\asid (ct08M) PRIOR AUTHORIZATION IS REQUIRED (MOD.8015) Diesel/Direct Inject □1 WEEK Petroleum Hydrocarbons (418.1) TRPH ¥ □ ☐72hr COMMENTS: FIXED FEE METHANOL PRESERVATION 0 CERTIFICATION REQUIRED उ (RUSH) PROJECT MANAGER: LISA WINN 6-3-0H क्रिंग्रे रिंग्र 24-0205-MU PROJECT INFORMATION SCOLT PROJ. NO.: 151 700012 PROJ. NAMEE OFS COMPANY: COMPANY: ADDRESS: BILL TO: ADDRESS: PHONE SHIPPED VIA FAX P.O. NO.:

Ē DIOTOIDI ITIOM, ME.L. 01/01/02 PLI Inc.: Pinnacle Laboratories, Inc. • 2709-D Pan American Freeway, NE • Albuquerque. New Mexico 87107 • 15051 344-3777 • Fay 15051 344-4417 • E.mail· DIN 1 AB ANT AICT Date Printed Name: Company JOHNSTON FED #C METER # (70/94)

PLEASE FILL THIS FORM IN COMPLETELY.

ATTACHMENT 2 FIELD DOCUMENTATION

Product Recovery and Well Observation Data

Project Name: SunJuan River Basin	Project No: 220013
Project Name: SanJuan River Basin Project Manager: Della Pakin	Date: 12-12-02
Client Company: MWH Site Name: Johnston Facual 4	
Site Name: Johnston Facual 4	

Well	Time	Depth to Water (ft)	Depth to Product (ft)	Total Well Depth (ft)	Product Thickness (ft)	Volume Removed	Comments
Mw-1	1/60	50.83	50.60	57.025	.23	1602	
mu-3		50.95	50.25	59.44	.700	160Z 1.5gd.	·
MW-2	1120	49.42		53.600		Ø	
	_						

MW-3 - Bailed 11 gallone thick. greying stack in a Water clear after moder	of water + product. Dily + olar. 1.5 gullon of product removes ut removed light yellow product.
	y + thick water, water clear after
Outher Relia	17 Jun / 27

Product Recovery and Well Observation Data

Project Name: San Juan River Basin	Project No: 2-20013	
Project Manager: Ashley Lowe	Date: <u>09/10/02</u>	
Client Company: MWH Site Name: Johnston Federal 4	<i>, , –</i>	
Site Name: Johnston Federal 4		

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	200Z	also bailed 1.5 gal V. black silty water
MW-3	9:50	50.792	50.115	59.443	0.677	32 oz	also bailed 2 gal of black silty walk
							·
						•	.•

prodi	uct c	anna afta wa	HEI TUINUS L	lear again, v. ligi	nt yelle
MN/-	3: gray si ous sift	lt on bottom of Stopped bailing	probe col	lected ~2 gal of led water turned	black, 1 clear

Development

MEI - DEVELOBMENT AND PLIBOING DATA FORM

									•									٠.
1-3-02-10-20 x	Date Time Fump Baller	Development Rate (feet) Method (gal/min)	Water Removal Data	□ Other	LI Pensiallic Li Stainless-steel Kemmerer	ĕ □ :	'	Pump Bäjler	Methods of Development		☐ Other	Tightilization of Indicator Parameters	Development Criteria	Site Name JOHNSTON FED #4 (70/94	client Company EL paso Field Services	Project Name EDFS Gir Drofect	Well Number MLV 2	
2 220		h Ending Water Depth (feet)		 ਵਿ	-	না	-		-	_	 	- -	· <	7/94	5000	17		ר טבע
یو	Increment			Total	Drilling Fluids	Gravel Pack	Well Casing	Item)iameter (i	leight of V	uitial Depti	Vater Vol		6			ELOPIV
٦.	Cumulative	Water Volume Removed (gations)					124 H	Cubic Feet	Water V	nches): We	Height of Water Column in Well (feet)	Initial Depth to Water (feet)	Water Volume Calculation	Site Addr		Project N		WELL DEVELOPMENT AND FORGING DATA FORM
	Increment Cumulative	Product Volume Removed (gallors)		58.			4,49 D,93X3	et Gallons	Water Volume in Well	0 1/4 ™	n in Well	fieet) V	llation <	Site Address Ryngal		Project Manager 4 SA		ביים ביים
	mulative	olume gallons)					3	ន		ravel	(feet)	9	الد	2		15	ı	GINC
パン		Temperature (°C)		8.79			8.79	Removed	Gallons to be	Pack	4,49	3	Ĺ	Sab		6 610		UALE
20,2		PH		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				L		-	 _	· •	in.	700		2		
7.09/406		Conductivily (mmhos/cm)				U Oiner	1). :	Z Temperature Meter	A Conductivity Meter	Sanding.	DO Monitor	D pH Meter	Instruments					7
		Dissolved Oxygen (mg/L)		osal oerator	<u>.</u>			iture Mete	וועווץ ועוסום	ti vita kanta	itor.	٦		0		Project N	Page	
Crowdy , Black, Shy	:	Comments		Scoentor Boomfield W			\	1 XX 60	The state of the s	2/ J	152 95	126 65	Serial No. (If applicable			Project No 15/7000121	of /	•. •

Product Volume Temperature Removed (gallons) (°C) Increment Cumulative (°C)	Product Volume Temperature Removed (gallons) (°C) Increment Cumulative /6.7 7	Product Volume Temperature Removed (gallons) (°C) Increment Cumulative (°C)
moyed Product Volume Temperature Removed (gallons) (°C) Udative Increment Cumulative (%)	Volume Removed Product Volume Temperature (gallons) Cumulative Increment Cumulative Cumulative Increment Cumulative (C.)	Volume Removed Product Volume Temperature pH Conductivity Dissolved (gallons) (°C) (°C) (mrnhos/cm) (mg/l) (mg/l)
Temperature (°C)	Temperature (°C)	Temperature pH Conductivity Dissolved (°C) (mrnhos/cm) Oxygen (mg/t)
P(C)	P(C)	pH Conductivity Dissolved (mmhos/cm) Oxygen (mg/L)
2.00 P	pH Conductivity (minhos/cm)	Discoved Oxygen (mg/L)
	(minos/cm)	Dissolved Oxygen (mg/L)

comments AFTER Builting Approx imately a gal., Builed well Drx LET 125 x 1100 Well Too Deen for D.O.

Date 6-3-02 Reviewed

L:\forms\MW Dvlpmi

11/29/01

10

Recover Sampled for

Brex 1100 Well Too

er's Signature(s)

WELL OBSERVATION DATA



Project Name:	Ep FS	G.W.	PIOTO	4		-	Project No	15/70x	001971
Project Mngr:							Task:	3	
Client Co.:	EL Da	so Fie	eld Se	rvices			Date:	6-3	3-02
Site Name:	JOHN:	STOLY 1	ED#	4 (20194	<u>'</u>			
Well or Piezometer	Time	Reason Not Measured	Depth to Floating Product (Feet)	Depth to Water (Feet)	Depth to Sinking Product (Feet)	Total Well Depth (Feet)	Closules Product Unite Stess	Single Producti Uncloses	Approximents Promments Recovery
MWI	0915		So.31	50.50					
II 👝	0955		49.96	50.62					.25 Jal
	· · · _								J
·	•								
	·					·			
					·				
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Reason Not Measure Comments:	d: D = Dry; O =	= Obstructed; N	I = Not Accessit	ole	·	·			
						· · · · · · · · · · · · · · · · · · ·	······································		
Signature:	Prio L	Ma					Date:	6	3-02

P	PLEASE FILL THIS FORM IN COMPLETELY.										LE	TE		Si	ΙΔΙ)EI) A	RE	ASAR = FOR EASE USE ONLY			
2 PLI Inc.: Pinnacle Laboratories, Inc. • 2709-D Pan American Freeway, NE • Albuquerque, New Me. 07 • (505) 344-3777 • Fax (505)		RECEIVED INTROFF TO THE PROPERTY OF THE PROPER	NOISONNAINERS LOCAL CONTROL CO	が表情に関するとしてです。ファンサン	SHIPPED VIACE COMMENTS: FIXED FEE	**	PROJ. NAMES 15 CONTINUES CERTIFICATION REQUIRED CINM CI SDWA COTHER	PROJ. NO.: 15/ 1000/012-1 (RUSH) D24hr D48hr D72hr D1 WEEK (NORMAL) D	PROJECTUNFORMATION PRIOR AUTHORIZATION IS REQUIRED FOR PUSH PROJECTS											COMPANY: AMESS: 30 GO AFTON DICKE PHONE: (35) 325 TON DICKE FAX: (35) 325 TON DICKE Petroleum Hydrocarbons (418.1) TRPH (MOD.8015) Diesel/Direct Inject (M8015) Gas/Purge & Trap 8021 (BTEX)/8015 (Gasoline) MTBE 8021 (BTEX) DMTBE DTMB PCE 8021 (TCL) 8021 (EDX) 8021 (HALO)		
(505) 344-4413 • E-mail: PIN_LAB@ATT.NET	Company:	Printed Name:	Signature:	RECEIVEDIBY	See reverse side (Force	Ches A MAG	Printed Name:	Signature:	RELINQUISHED BY											8021 (CUST) 504.1 EDB		
\B@ATT.NET		Date:	Time:		Porce (Majeure)	26/6/02	Date:	Time:/(/) BY,					•						8260 (TCL) Volatile Organics 8260 (Full) Volatile Organics 8260 (CUST) Volatile Organics 8260 (Landfill) Volatile Organics 8260 (Landfill) Volatile Organics Pesticides/PCB (608/8081/8082) Herbicides (615/8151) Base/Neutral/Acid Compounds GC/MS (625/8270)		
DISTRIBUT		Pilined Name"	Signature.	BEGENEDE	Company:		Printed Name:	Signature:	(ElGENSINGNIFE)		1									Polynuclear Aromatics (610/8310/8270-SIMS) General Chemistry: Priority Pollutant Metals (13)		
e - PLI, Canary - Origin		Date	ESH STATE AND AND	W: (IAB)			Date:	Time:	ED BX:											Target Analyte List Metals (23) RCRA Metals (8) RCRA Metals by TCLP (Method 1311) Metals:		

Pinnacle Laboratories Inc.

CHAIN OF CUSTODY

LI Accession



Project Name:	FOTO G W protect	Projec	Project No.: 1517000121			
Project Mngr:	Lisa winn	Task:	3			
Client Co.:	EL paso Field Services	Date:	3 4 02			
Site Name:	TOHNSTON FED #4 (50/94)	•				

Well or Piezometer	Time	Reason Not Measured	Depth to Floating Product (Feet)	Depth to Water (Feet)	Depth to Sinking Product (Feet)	Total Well Depth (Feet)	Established Establ	RECOVERY A Comments A opposituate Gallons
Mw I	1202		50,23	50,40	·	!		. 05
MW2				49.03				3
MW3			1	50.35				,25 cal
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·								
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· ·								·
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Reason Not Measured: D = Dry; O = Obstructed; N = Not Accessible

Comments: NO Skimmers in wells, HAND Builing