



Approved
Olson

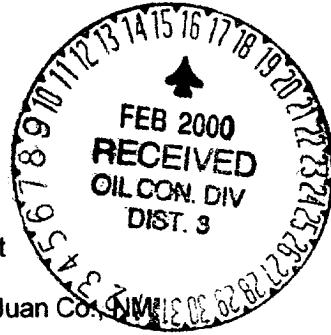
12/13/00

Add'l info/stops

January 7, 2000

Conoco, Inc., Mid-Continent Region
Attn.: Ms. Shirley Ebert, Field SHEAR Specialist
3314 Bloomfield Hwy.
Farmington, NM 87401

RE: 1999 Annual Groundwater Monitoring Report
Conoco Location: Farmington B Com #1E
Unit 0, Sec. 15, T29N, R13W, NMPM, San Juan Co., NM



Project: 4-1374

Dear Ms. Ebert:

The following report summarizes the ground water remediation and monitoring activities conducted by On Site Technologies Limited Partnership and/or others on behalf of Conoco, Inc., at the referenced oil and gas location. This report covers the calendar year of 1999, and follows the format outlined in the *Comprehensive Ground Water Remediation and Long-Term Monitoring Plan for Conoco Locations in the San Juan Basin, New Mexico*, submitted to the New Mexico Oil Conservation Division on October 15, 1997.

SUMMARY OF 1999 ACTIVITIES:

Ground water sampling events were conducted during March, June, September and December of 1999. Monitoring wells 2 through 6 continue to show water quality at or below New Mexico Water Quality Control Commission standards (NMWQCC). Free product is still present in monitoring well 1 (MW #1) and MW#1 has not been sampled during the past year.

In December of 1998, a passive skimmer was removed from MW#1 and seven (7) Oxygen Release Compound (ORC) socks from Regenesis™ were placed in the well bore. Since the installation of the ORC socks, the socks have become saturated with free product and seems to have rendered the socks ineffective.

Ground water elevations and flow are consistent with those previously reported.

SAMPLING:

In accordance with the monitoring plan, water levels were measured on the monitoring well prior to purging and sampling. Samples were collected, preserved and transported in accordance with Environmental Protection Agency (EPA) prescribed procedures, and proper chain-of-custody protocol followed. The laboratory analyses ordered, followed the Conoco Ground Water Plan.

Table 1, summarizes the monitoring well data and water levels measured during previous and current sampling event. Table 2, summarizes the laboratory results for BTEX compounds from all water sampling completed at the referenced site.

Copies of all laboratory reports for the calendar year 1999, along with all laboratory QA/QC documentation and chains-of-custody, are attached with this report.

PO Box 2606
Farmington, NM

505-325-5667

FAX: 505-327-1496

SUMMARY AND CONCLUSIONS:

The following conclusions are based on the 1999 ground water monitoring results and trends associated with Farmington B Com 1E well location:

1. Free product remains a problem in MW #1.
2. ORC socks appear to be ineffective, due to saturation by free product.
3. All other monitoring wells (MW#2 through MW#6) exhibit water quality levels below NMWQCC standards.
4. The ground water direction seems to be influenced by an unlined irrigation ditch south of the location, which is a seasonally variable recharge point.

RECOMMENDATIONS

1. Develop and implement a more aggressive method recovering the free product from MW #1.
2. When the free product recovery has been completed, begin ground water monitoring of MW#1 until four (4) quarters of water quality at or below NMWQCC standards.
3. Request that ground water monitoring of MW#2 through MW#6 be discontinued until MW#1 water quality is below NMWQCC standards.
4. Final sampling of all monitoring wells at the location to be done prior to closure.
5. When ground water monitoring has been complete, Final Pit Closure form to be submitted to NMOCD for approval.
6. Plug and abandoned all monitoring wells at this location in accordance with current regulations.

LIMITATIONS AND CLOSURE:

This 1999 groundwater report documents the results of ground water monitoring for the referenced Conoco well location. This report following the Comprehensive Ground Water Remediation and Long-Term Monitoring Plan for Conoco Locations in the San Juan Basin, New Mexico, dated October 15, 1997, and approved by NMOCD on February 16, 1998.

The scope of On Site Technologies' services consisted of project management, periodic water sampling and measurement of water levels, laboratory testing for ground water quality, and preparation of this initial report. All work has been performed in accordance with generally accepted professional practices in petroleum and environmental engineering, and hydrogeology.

This document has been prepared by On Site Technologies for the exclusive use of Conoco Inc. as it pertains to the referenced well location operated by Conoco.

If there are any questions regarding this status report, please contact either Myke Lane or Larry Trujillo at On Site Technologies, (505) 325-5667. Thank you for your consideration.

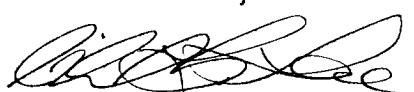
Respectfully submitted,



Larry Trujillo, C.H.M.M.
Project Manager

On Site Technologies, Limited Partnership

Reviewed by:



Michael K. Lane, P.E.
Senior Engineer

Conoco, Inc.: Farmington B Com #1E
On Site Technologies, Ltd.
1999 Annual Groundwater Report

January 7, 2000
Project 4-1374

Attachments: Table 1: Monitoring Well Details and Ground Water Levels Summary
Table 2: Ground Water BTEX Analytical Summary
Figure 1: Site Sketch
Figure 2, 3,4, 5 Ground Water Potentiometric Map
Laboratory Result, Chain of Custody, QA/QC

Acknowledgment:
CONOCO, Inc.

Shirley R. Ebert, FSS
(Name/Title)
2/10/00
(Date)

LET/let: 41374-99.doc

REFERENCE:

On Site Technologies, Ltd., April 16, 1997, Letter to Mr. W. L. Brignon, Senior Council Conoco, Inc. Midland Division, regarding: Remediation Summary, Conoco Location, Farmington B Com #1E, Unit 0, Sec. 15, T29N, R13W, NMPM, San Juan Co., NM.

On Site Technologies, Ltd., February 1, 1998, Report to Ms. Shirley Ebert, Field SHEAR Specialist, Conoco, Inc. Mid-Continent Region, regarding: Annual Ground Water Report for 1997, Conoco Location, Farmington B Com #1E, Unit 0, Sec. 15, T29N, R13W, NMPM, San Juan Co., NM

On Site Technologies, Ltd., February 8, 1999, Report to Ms. Shirley Ebert, Field SHEAR Specialist, Conoco, Inc. Mid-Continent Region, regarding: Annual Ground Water Report for 1998, Conoco Location, Farmington B Com #1E, Unit 0, Sec. 15, T29N, R13W, NMPM, San Juan Co., NM

Table 1
Ground Water Level Summary
Farmington B Com 1E
Unit O, Sec.15, T29N, R13W

Well Number	Top of Casting Elevation (ft)	Total Depth of Well (ft)	Well Type	Screen Interval (ft) BGS	Sample Date	Depth to Groundwater (ft) BTG	Relative Groundwater Elevation (ft)
MW #1	101.37	34.09	2" PVC	19.09 to 34.09	3/18/98	28.51	78.86
					6/12/98	27.07*	74.30
					7/13/98	25.75	75.62
					8/25/98	24.92	76.45
					9/15/98	25.06	76.32
					12/29/98	28.89	72.48
					3/3/99	28.38	72.99
					6/15/99	27.46	73.91
					9/15/99	27.95	73.42
					12/14/99	28.10	73.27
MW #2	101.57	33.72	2" PVC	18.72 to 33.72	3/18/98	27.81	72.76
					6/12/98	25.84	75.73
					7/13/98	24.49	77.08
					8/25/98	24.03	77.54
					9/15/98	24.18	77.39
					12/29/98	26.82	74.75
					3/3/99	28.57	73.00
					6/15/99	26.61	74.96
					9/15/99	26.27	75.30
					12/14/99	28.11	73.46

BGS - approximate measurements taken as Below Ground Surface
 BTG - Below Top of Casing
 NM - Not Measured

Table 1
Ground Water Level Summary
Farmington B Com 1E
Unit O, Sec.15, T29N, R13W

Well Number	Top of Casing Elevation (ft)	Total Depth of Well (ft)	Well Type	Screen Length (ft)	Last Date Measured	Depth to Groundwater (ft) (BTOC)	Relative Groundwater Elevation (ft)
MW #3	102.1	32.44	2" PVC	17.44 to 32.44	3/19/98 6/12/98	28.84 26.27	73.26 75.83
					7/13/98	25.09	77.01
					8/25/98	24.56	77.54
					9/15/98	24.85	77.25
					12/29/98	28.02	74.08
					3/3/99	29.89	72.21
					6/15/99	27.28	74.82
					9/15/99	27.22	74.88
					12/14/99	28.21	73.89
MW #4	101.4	32.72	2" PVC	17.72 to 32.72	8/25/98 9/15/98 12/29/98 3/3/99 6/15/99 9/15/99 12/14/99	24.99 25.28 29.01 29.97 27.89 27.54 28.46	76.41 76.12 72.39 71.43 73.51 73.86 72.94
MW #5	100.52	34.09	2" PVC	19.09 to 34.09	8/25/98 9/15/98 12/29/98 3/3/99 6/15/99 9/15/99 12/14/99	24.49 24.83 28.27 29.71 27.58 27.17 28.15	76.03 75.96 72.25 70.81 72.94 73.35 72.37

BGS - approximate measurements taken at Below Ground Surface
 BTOC - Below Top of Casing
 NM - Not Measured

Table 1
Ground Water Level Summary
Farmington B Com 1E
Unit O, Sec. 15, T29N, R13W

Well Number	Top of Casing Elevation (ft)	Total Depth of Well (ft)	Well Type	Screen Length (ft)	Sample Date	Depth to Groundwater (ft)	Relative Groundwater Elevation (ft)
MW #6	102.14	34.02	2" PVC	19.02 to 34.02	8/25/98 9/15/98 12/29/98 3/3/99 6/15/99 9/15/99 12/14/99	26.00 26.19 28.98 30.71 28.92 28.36 29.22	76.14 75.95 73.16 71.43 73.22 73.78 72.92

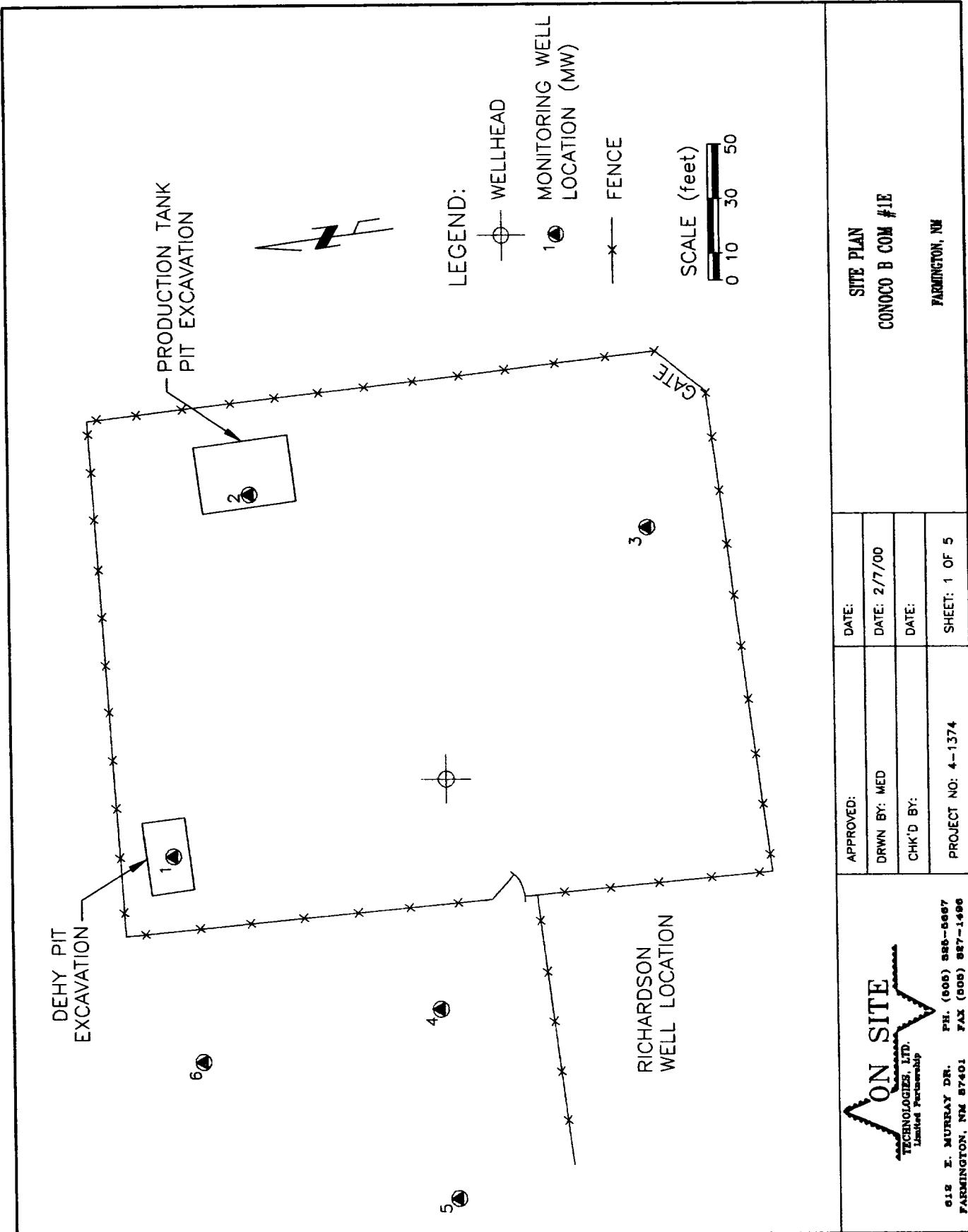
BGS - Approximate measurements taken as Below Ground Surface
BTOC - Below Top of Casing
NM - Not Measured

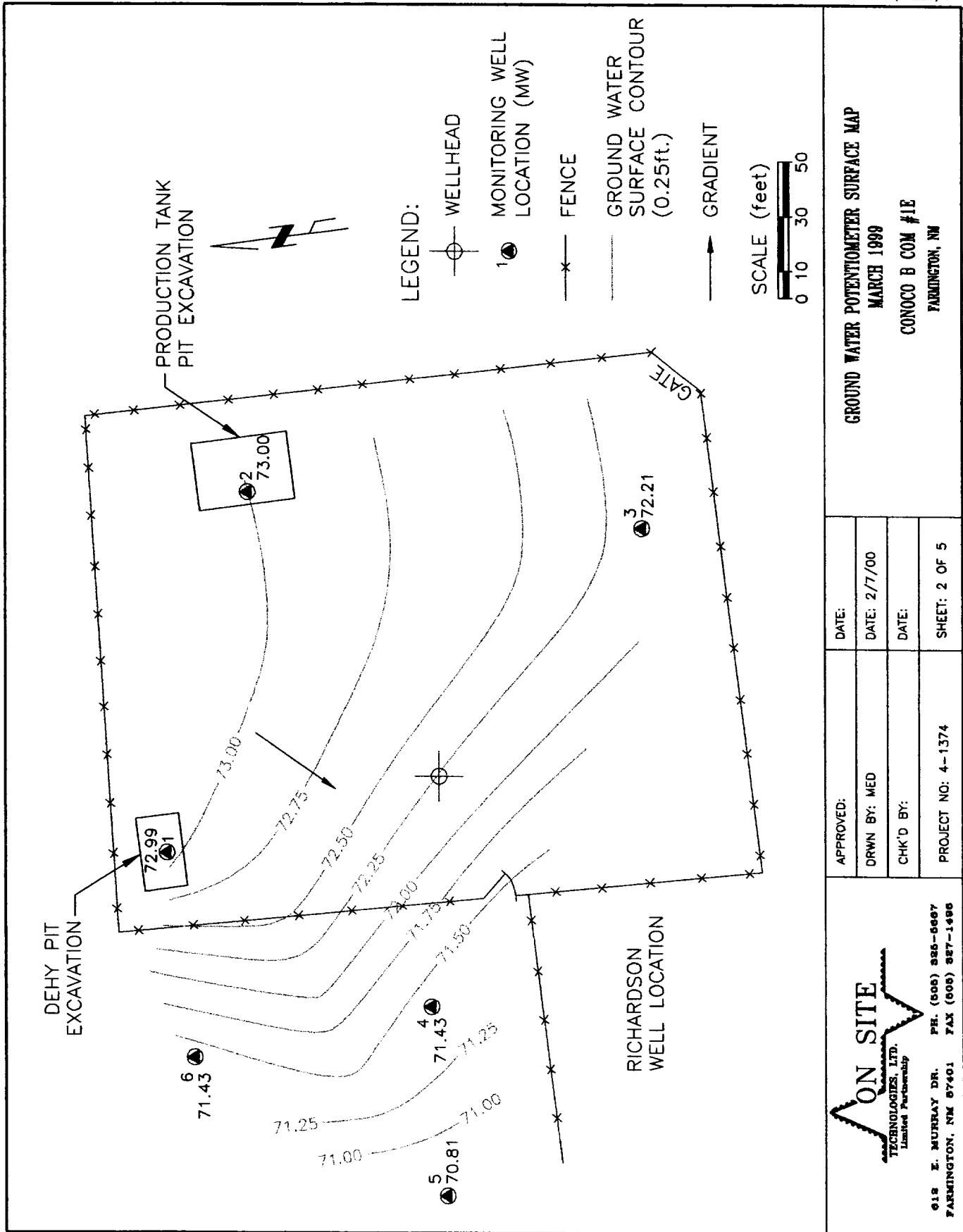
Table 2
BTEX Ground Water Analytical Summary
Farmington B Com 1E
Unit O, Sec. 15 T29N, R13W

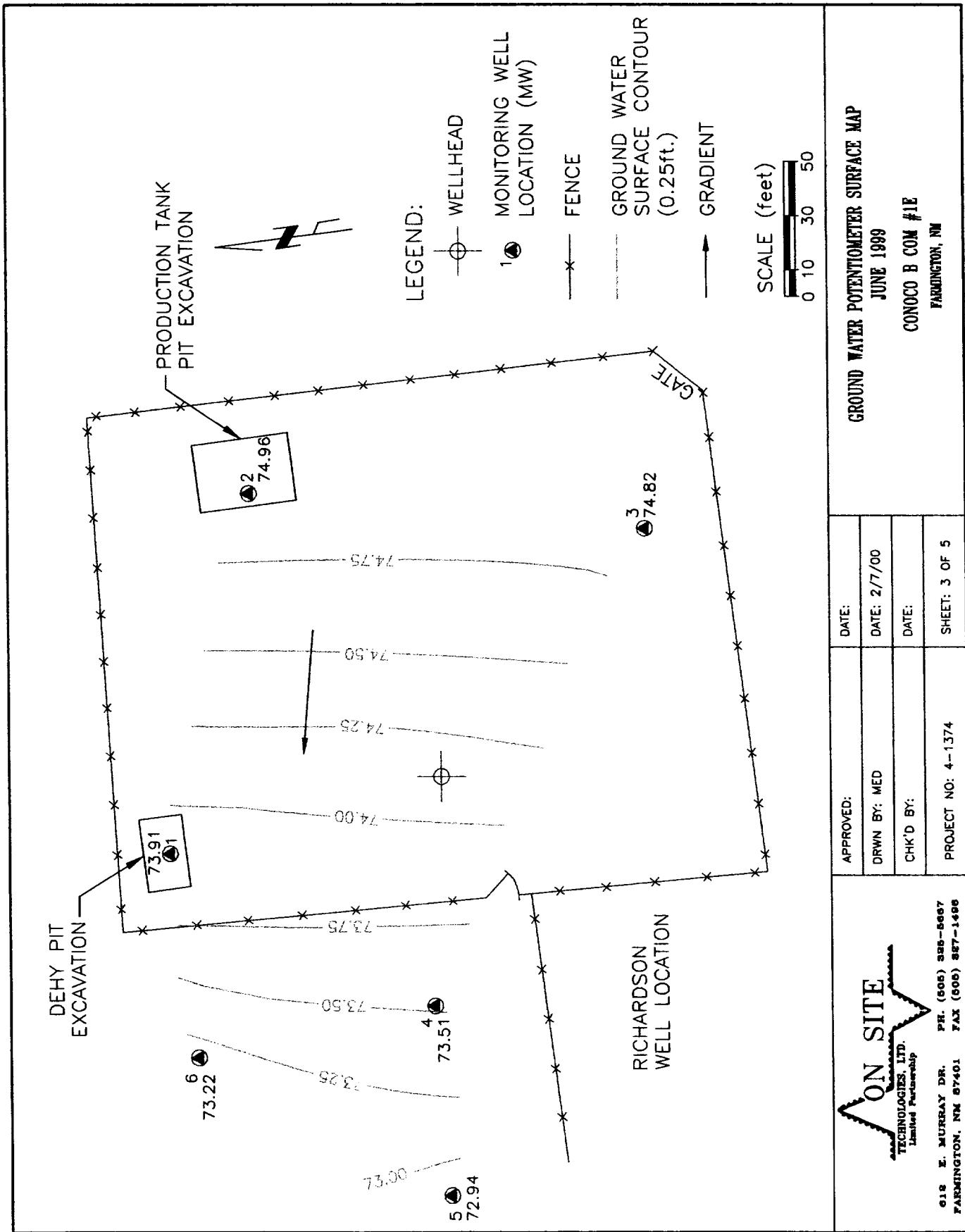
Sample Date	Sample ID#	Monitoring Well	Remarks	BTEX (ppm)	EPA MCL (ppm)	Total-Xylene
2/19/98	9802020-01A	MW#1	On Site Lab.	210.0	34.0	370.0
6/12/98	3" of free product	in the bailed				2044.0
9/15/98	Not Sampled	free product	in well	350.0	BDL	
12/29/98	9812053-04A	Samples	Taken in	1999	420	2800.0
No	Water					
2/19/98	9802020-02A	MW#2	On Site Lab.	2.4	5.3	16.0
6/12/98	9806055-02A			0.8	2.7	32.0
9/15/98	9809035-01A			1.3	2.5	39.0
12/29/98	9812053-05A			BDL	0.6	2.1
3/3/99	9903012-05A			BDL	BDL	64
6/15/99	9908055-05A			BDL	BDL	BDL
9/15/99	9909054-05A			BDL	BDL	4.1
12/14/99	9912018-05A			BDL	BDL	1.8
						36.4
2/19/98	9802020-03A	MW#3	On Site Lab.	0.9	1.2	1.6
06/12/98	9806055-01A			BDL	BDL	0.5
9/15/98	9809035-02A			BDL	BDL	BDL
12/29/98	9812053-06A			BDL	BDL	BDL
3/3/99	9903012-04A			BDL	BDL	BDL
6/15/99	9906055-04A			BDL	0.9	3.1
9/15/99	9909054-04A			BDL	0.6	BDL
12/14/99	9912018-04A			BDL	BDL	BDL
WQCC	Action	Levels		10.0	750.0	750.0
						820.0

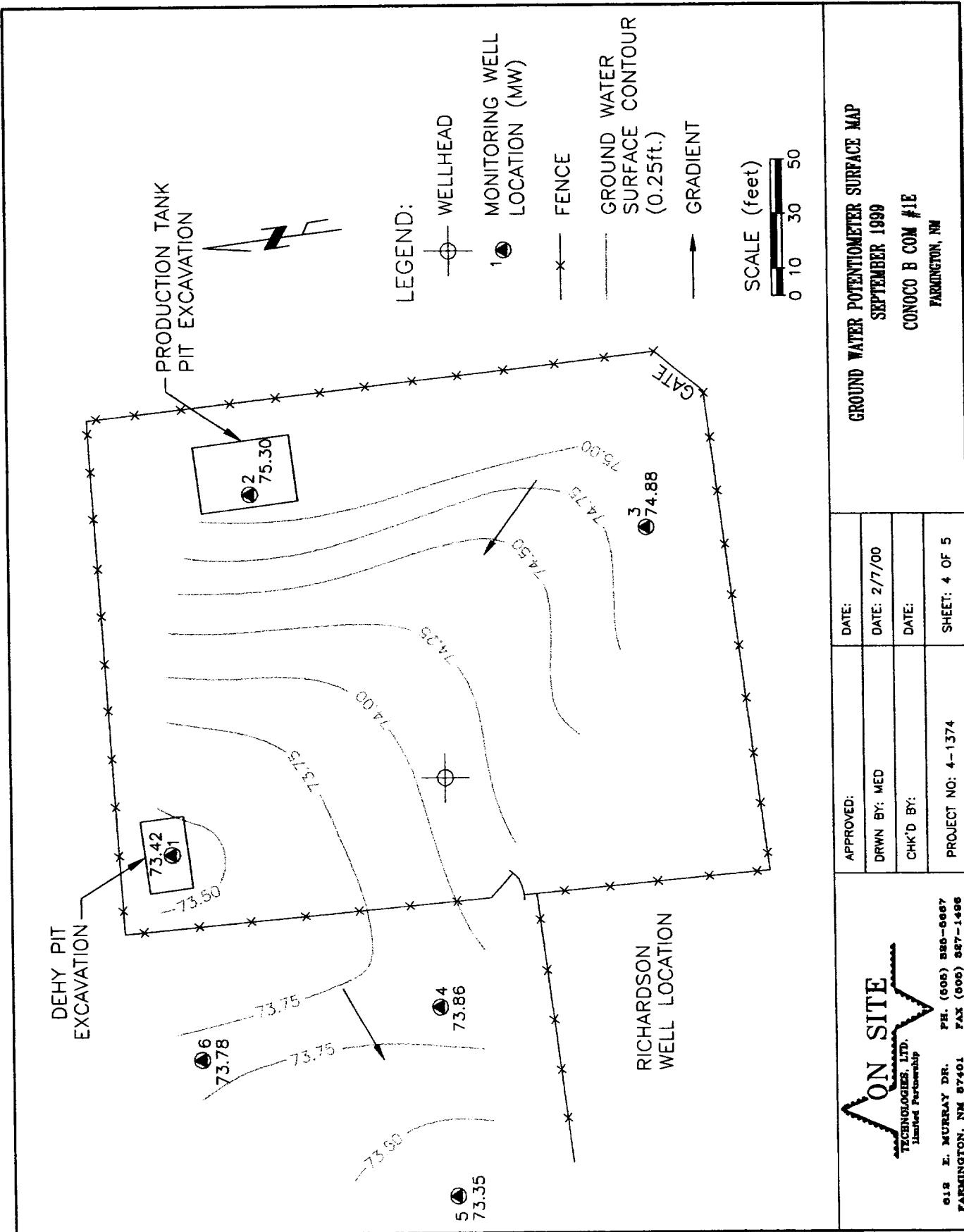
Table 2
BTEX Ground Water Analytical Summary
Farmington B Com 1E
Unit O, Sec. 15 T29N, R13W

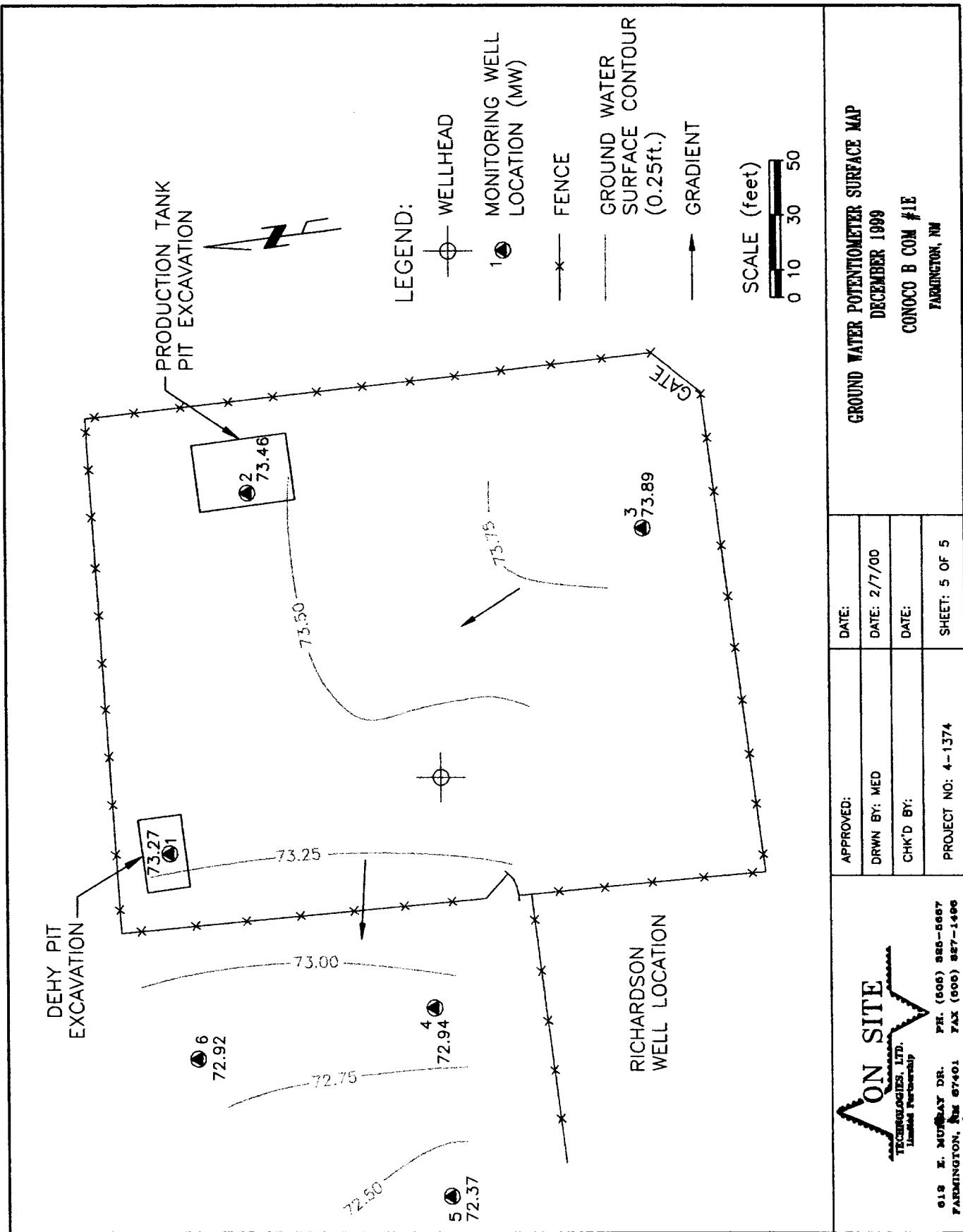
Sample Date	Sample ID#	Monitor Well	Result MW	BTEX (ppm)	BTEX (ppm)
9/15/98	9809035-03A	MW#4	On Site Lab.	BDL	BDL
12/29/98	9812053-03A			BDL	BDL
3/3/99	9903012-03A			BDL	BDL
6/15/99	9906055-03A			BDL	BDL
9/15/99	9909054-03A			BDL	BDL
12/14/99	9912018-03A			BDL	BDL
9/15/98	9809035-04A	MW#5	On Site Lab.	BDL	BDL
12/29/98	9812053-02A			BDL	BDL
3/3/99	9903012-02A			BDL	BDL
6/15/99	9906055-02A			BDL	BDL
9/15/99	9909054-02A			BDL	BDL
12/14/99	9912018-02A			BDL	BDL
9/15/98	9809035-05A	MW#6	On Site Lab.	BDL	BDL
12/29/98	9812053-01A			BDL	BDL
3/3/99	9903012-01A			BDL	BDL
6/15/99	9906055-01A			BDL	BDL
9/15/99	9909054-01A			BDL	BDL
12/14/99	9912018-01A			BDL	BDL
WQCC	Action	Levels		10.0	750.0
					620.0













OFF: (505) 325-5667

LAB: (505) 325-1556

March 12, 1999

Larry Trujillo
Conoco, Inc.
3315 Bloomfield Hwy
Farmington, NM 87401
TEL: (505) 327-9557
FAX (505) 324-5825

RE: 4-1374; Farmington B-Com-1E

Order No.: 9903012

Dear Larry Trujillo,

On Site Technologies, LTD. received 5 samples on 3/3/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8021B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox".

David Cox



OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 12-Mar-99

CLIENT: Conoco, Inc.
Project: 4-1374; Farmington B-Com-1E
Lab Order: 9903012

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 12-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com-1E
Work Order:	9903012	Client Sample ID:	MW-6
Lab ID:	9903012-01A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com-1E	Collection Date:	3/3/99 11:15:00 AM
		COC Record:	10018

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX						
			SW8021B			Analyst: HR
Benzene	ND	0.5		µg/L	1	3/9/99
Toluene	ND	0.5		µg/L	1	3/9/99
Ethylbenzene	ND	0.5		µg/L	1	3/9/99
m,p-Xylene	ND	1		µg/L	1	3/9/99
o-Xylene	ND	0.5		µg/L	1	3/9/99

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Sur - - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 12-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com-1E
Work Order:	9903012	Client Sample ID:	MW-5
Lab ID:	9903012-02A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com-1E	Collection Date:	3/3/99 11:25:00 AM
		COC Record:	10018

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX						
		SW8021B				Analyst: HR
Benzene	ND	0.5		µg/L	1	3/9/99
Toluene	ND	0.5		µg/L	1	3/9/99
Ethylbenzene	ND	0.5		µg/L	1	3/9/99
m,p-Xylene	ND	1		µg/L	1	3/9/99
o-Xylene	ND	0.5		µg/L	1	3/9/99

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surrogate - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 12-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com-1E
Work Order:	9903012	Client Sample ID:	MW-4
Lab ID:	9903012-03A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com-1E	Collection Date:	3/3/99 11:35:00 AM
		COC Record:	10018

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX						
		SW8021B				Analyst: HR
Benzene	ND	0.5		µg/L	1	3/9/99
Toluene	ND	0.5		µg/L	1	3/9/99
Ethylbenzene	ND	0.5		µg/L	1	3/9/99
m,p-Xylene	ND	1		µg/L	1	3/9/99
o-Xylene	ND	0.5		µg/L	1	3/9/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 12-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com-1E
Work Order:	9903012	Client Sample ID:	MW-3
Lab ID:	9903012-04A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com-1E	Collection Date:	3/3/99 12:10:00 PM
		COC Record:	10018

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX	SW8021B					Analyst: HR
Benzene	ND	0.5		µg/L	1	3/9/99
Toluene	ND	0.5		µg/L	1	3/9/99
Ethylbenzene	ND	0.5		µg/L	1	3/9/99
m,p-Xylene	ND	1		µg/L	1	3/9/99
o-Xylene	ND	0.5		µg/L	1	3/9/99

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date:** 12-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com-1E
Work Order:	9903012	Client Sample ID:	MW-2
Lab ID:	9903012-05A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com-1E	Collection Date:	3/3/99 12:40:00 PM
		COC Record:	10018

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX						
			SW8021B			Analyst: HR
Benzene	ND	0.5		µg/L	1	3/9/99
Toluene	ND	0.5		µg/L	1	3/9/99
Ethylbenzene	6.4	0.5		µg/L	1	3/9/99
m,p-Xylene	110	1		µg/L	1	3/9/99
o-Xylene	9	0.5		µg/L	1	3/9/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

1 of 1



CHAIN OF CUSTODY RECORD

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

Date: 3/3/97

Page: 1 of 1

Purchase Order No.:		Project No. <u>4-1374</u>		Name <u>Lacey Trujillo</u>		Title	
Name <u>Lacey Trujillo</u>		Company <u>Comoco</u>		Company <u>Comoco</u>		Mailing Address	
Address						City, State, Zip	
City, State, Zip						Telephone No.	
						Telefax No.	
ANALYSIS REQUESTED							
REPORT TO							
Number of Containers							
LAB ID							
SAMPLE							
SAMPLE IDENTIFICATION		DATE	TIME	MATRIX	PRES.		
<u>Sample 1</u>		<u>3/3/97</u>	<u>11:15</u>	<u>H2O</u>	<u>2</u>	<u>✓</u>	
<u>Sample 2</u>		<u>11:25</u>			<u>2</u>	<u>✓</u>	
<u>Sample 3</u>		<u>11:35</u>			<u>2</u>	<u>✓</u>	
<u>Sample 4</u>		<u>12:10</u>			<u>2</u>	<u>✓</u>	
<u>Sample 5</u>		<u>12:10</u>			<u>2</u>	<u>✓</u>	
Special Instructions / Remarks: <u>Client Signature Must Accompany Request</u>							
Authorized by: <u>J. Trujillo</u>		Date <u>3/3/97</u>		Received by: <u>J. Trujillo</u>		Date/Time <u>3/3/97 12:00</u>	
Relinquished by: <u>J. Trujillo</u>		Date/Time		Received by: <u>J. Trujillo</u>		Date/Time	
Relinquished by: <u>J. Trujillo</u>		Date/Time		Received by: <u>J. Trujillo</u>		Date/Time	
Method of Shipment:		Rush	24-48 Hours	10 Working Days	By Date		
Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client							
To Re-order Call 325-9600 or Fax 325-9764 SampleShipper FORM #1							



OFF: (505) 325-5667

LAB: (505) 325-1556

June 28, 1999

Larry Trujillo
Conoco, Inc.
3315 Bloomfield Hwy
Farmington, NM 87401
TEL: (505) 327-9557
FAX (505) 324-5825

RE: 4-1374; Farmington B-Com 1E

Order No.: 9906055

Dear Larry Trujillo,

On Site Technologies, LTD. received 5 samples on 6/15/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
Aromatic Volatiles by GC/PID (SW8021B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox".

David Cox



OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 28-Jun-99

CLIENT: Conoco, Inc.

Project: 4-1374; Farmington B-Com 1E

Lab Order: 9906055

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9906055	Client Sample ID:	MW-6
Lab ID:	9906055-01A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	6/15/99 10:15:00 AM
		COC Record:	10203

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
Benzene	ND	0.5		µg/L	1	6/25/99
Toluene	ND	0.5		µg/L	1	6/25/99
Ethylbenzene	ND	0.5		µg/L	1	6/25/99
m,p-Xylene	ND	1		µg/L	1	6/25/99
o-Xylene	ND	0.5		µg/L	1	6/25/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr. - Surrogate

I of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 28-Jun-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9906055	Client Sample ID:	MW-5
Lab ID:	9906055-02A.	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	6/15/99 10:35:00 AM
		COC Record:	10203

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DC
Benzene	ND	0.5		µg/L	1	6/25/99
Toluene	ND	0.5		µg/L	1	6/25/99
Ethylbenzene	ND	0.5		µg/L	1	6/25/99
m,p-Xylene	ND	1		µg/L	1	6/25/99
o-Xylene	ND	0.5		µg/L	1	6/25/99

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surr. - Surrogate

P.O. BOX 2606 • FARMINGTON, NM 87499

1 of 1



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 28-Jun-99**

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9906055	Client Sample ID:	MW-4
Lab ID:	9906055-03A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	6/15/99 11:05:00 AM
		COC Record:	10203

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DC
Benzene	ND	0.5		µg/L	1	6/25/99
Toluene	ND	0.5		µg/L	1	6/25/99
Ethylbenzene	ND	0.5		µg/L	1	6/25/99
m,p-Xylene	ND	1		µg/L	1	6/25/99
o-Xylene	ND	0.5		µg/L	1	6/25/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Sur: - Surrogate

*1 of 1***P.O. BOX 2606 • FARMINGTON, NM 87499**



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 28-Jun-99**

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9906055	Client Sample ID:	MW-3
Lab ID:	9906055-04A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	6/15/99 1:30:00 PM
		COC Record:	10203

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
		SW8021B				Analyst: DC
Benzene	ND	0.5		µg/L	1	6/25/99
Toluene	0.9	0.5		µg/L	1	6/25/99
Ethylbenzene	3.1	0.5		µg/L	1	6/25/99
m,p-Xylene	52	1		µg/L	1	6/25/99
o-Xylene	4	0.5		µg/L	1	6/25/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

*1 of 1***P.O. BOX 2606 • FARMINGTON, NM 87499**



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 28-Jun-99**

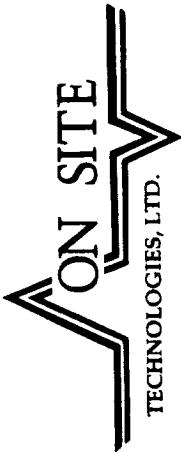
Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9906055	Client Sample ID:	MW-2
Lab ID:	9906055-05A	Collection Date:	6/15/99 1:35:00 PM
Project:	4-1374; Farmington B-Com 1E	COC Record:	10203

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DC
Benzene	ND	0.5		µg/L	1	6/25/99
Toluene	ND	0.5		µg/L	1	6/25/99
Ethylbenzene	ND	0.5		µg/L	1	6/25/99
m,p-Xylene	ND	1		µg/L	1	6/25/99
o-Xylene	ND	0.5		µg/L	1	6/25/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

1 of 1

10206



CHAIN OF CUSTODY RECORD

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

Date: 6/15/99
Page: 1 of 1

Purchase Order No.:		Project No. <u>4-1374</u>		RESULTS TO		Name <u>Lacey Tew, b</u>		Title	
SEND TO INVOICE TO Company Address City, State, Zip		REPORT Mailing Address City, State, Zip Telephone No.		CONTAINERS		Company			
PROJECT LOCATION: Farmington E - Com IE.									
SAMPLER'S SIGNATURE: <u>Jay Tew</u>									
SAMPLE IDENTIFICATION		SAMPLE				LAB ID			
DATE	TIME	MATRIX	PRES.						
6/15/99	10:05	H2O	4C1	4	✓				
	10:25			4	✓				
	11:05			4	✓				
	13:30			2	✓				
	13:35			2	✓				
Relinquished by: <u>Jay Tew</u>		Date/Time <u>6/15/99</u>		Received by: <u> </u>		Date/Time <u> </u>		Date/Time <u> </u>	
Relinquished by: <u> </u>		Date/Time <u> </u>		Received by: <u> </u>		Date/Time <u> </u>		Date/Time <u> </u>	
Relinquished by: <u> </u>		Date/Time <u> </u>		Received by: <u> </u>		Date/Time <u> </u>		Date/Time <u> </u>	
Method of Shipment: <u> </u>		Rush <input type="checkbox"/>		24-48 Hours <input type="checkbox"/>		10 Working Days <input type="checkbox"/>		By Date <input type="checkbox"/>	
Authorized by: <u> </u>		Date <u> </u>		Special Instructions / Remarks: <u> </u>					
(Client Signature Must Accompany Request)									

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldenrod - Client

To Re-order Call 325-9600 or Fax 325-9754 **AlphaGraphics** FORM #01



OFF: (505) 325-5667

LAB: (505) 325-1556

September 21, 1999

Larry Trujillo
Conoco, Inc.
3315 Bloomfield Hwy
Farmington, NM 87401
TEL: (505) 327-9557
FAX (505) 324-5825

RE: Farmington B-Com 1E; 4-1374

Order No.: 9909054

Dear Larry Trujillo,

On Site Technologies, LTD. received 5 samples on 9/15/99 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
Aromatic Volatiles by GC/PID (SW8021B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox".

David Cox



OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 21-Sep-99

CLIENT: Conoco, Inc.
Project: Farmington B-Com 1E; 4-1374
Lab Order: 9909054

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-Sep-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9909054	Client Sample ID:	MW 6
Lab ID:	9909054-01A	Collection Date:	9/15/99 9:10:00 AM
Project:	Farmington B-Com 1E; 4-1374	COC Record:	10320

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	9/20/99
Toluene	0.7	0.5		µg/L	1	9/20/99
Ethylbenzene	1.1	0.5		µg/L	1	9/20/99
m,p-Xylene	ND	1		µg/L	1	9/20/99
o-Xylene	ND	0.5		µg/L	1	9/20/99

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surf: - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-Sep-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9909054	Client Sample ID:	MW 5
Lab ID:	9909054-02A	Matrix:	AQUEOUS
Project:	Farmington B-Com 1E; 4-1374	Collection Date:	9/15/99 9:35:00 AM
		COC Record:	10320

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	9/20/99
Toluene	ND	0.5		µg/L	1	9/20/99
Ethylbenzene	ND	0.5		µg/L	1	9/20/99
m,p-Xylene	ND	1		µg/L	1	9/20/99
o-Xylene	ND	0.5		µg/L	1	9/20/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

1 of 1



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 21-Sep-99**

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9909054	Client Sample ID:	MW 4
Lab ID:	9909054-03A	Matrix:	AQUEOUS
Project:	Farmington B-Com 1E; 4-1374	Collection Date:	9/15/99 10:05:00 AM
		COC Record:	10320

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	9/20/99
Toluene	ND	0.5		µg/L	1	9/20/99
Ethylbenzene	ND	0.5		µg/L	1	9/20/99
m,p-Xylene	ND	1		µg/L	1	9/20/99
o-Xylene	ND	0.5		µg/L	1	9/20/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surrogate

*1 of 1***P.O. BOX 2606 • FARMINGTON, NM 87499***- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -*



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 21-Sep-99**

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9909054	Client Sample ID:	MW 3
Lab ID:	9909054-04A	Matrix:	AQUEOUS
Project:	Farmington B-Com 1E; 4-1374	Collection Date:	9/15/99 10:40:00 AM
		COC Record:	10320

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	9/20/99
Toluene	0.6	0.5		µg/L	1	9/20/99
Ethylbenzene	ND	0.5		µg/L	1	9/20/99
m,p-Xylene	ND	1		µg/L	1	9/20/99
o-Xylene	ND	0.5		µg/L	1	9/20/99

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Surrogate - Surrogate

*1 of 1***P.O. BOX 2606 • FARMINGTON, NM 87499**

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 21-Sep-99

Client:	Conoco, Inc.	Client Sample Info:	Farmington B-Com 1E
Work Order:	9909054	Client Sample ID:	MW 2
Lab ID:	9909054-05A	Matrix:	AQUEOUS
Project:	Farmington B-Com 1E; 4-1374	Collection Date:	9/15/99 11:10:00 AM
		COC Record:	10320

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	9/20/99
Toluene	ND	0.5		µg/L	1	9/20/99
Ethylbenzene	4.1	0.5		µg/L	1	9/20/99
m,p-Xylene	64	1		µg/L	1	9/20/99
o-Xylene	4.1	0.5		µg/L	1	9/20/99

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

1 of 1



CHAIN OF CUSTODY RECORD

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ON SITE
TECHNOLOGIES, LTD.
612 E. Murray Dr. • PO Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

612 E. Murray Dr. • PO Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

Purchase Order No.: <u>44-1374</u>		Project No. <u>44-1374</u>		RESULTS TO		Title	
Name <u>Larry Williams</u>	Company <u>Conoco</u>	Dept.	Address	Company <u>Conoco</u>	Mailing Address		
SEND TO SERVICE		PROJECT LOCATION: <u>Farmington - Conoco</u>		City, State, Zip	Telephone No.	Telefax No.	
ANALYSIS REQUESTED							
SAMPLER'S SIGNATURE: <u>Larry Williams</u>	Number of Containers						
SAMPLE IDENTIFICATION		SAMPLE			LAB ID		
DATE	TIME	MATRIX	PRES.	DATE	TIME	MATRIX	PRES.
<u>4/14/02</u>	<u>09:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/14/02</u>	<u>10:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/14/02</u>	<u>10:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/14/02</u>	<u>11:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/14/02</u>	<u>11:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/14/02</u>	<u>12:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/15/02</u>	<u>09:00</u>	<u>HIGH</u>	<u>N/C</u>	<u>4/15/02</u>	<u>10:00</u>	<u>HIGH</u>	<u>N/C</u>
<u>4/15/02</u>	<u>10:00</u>	<u>HIGH</u>	<u>N/C</u>	<u>4/15/02</u>	<u>11:00</u>	<u>HIGH</u>	<u>N/C</u>
<u>4/15/02</u>	<u>11:00</u>	<u>HIGH</u>	<u>N/C</u>	<u>4/15/02</u>	<u>12:00</u>	<u>HIGH</u>	<u>N/C</u>
<u>4/16/02</u>	<u>09:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/16/02</u>	<u>10:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/16/02</u>	<u>10:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/16/02</u>	<u>11:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/16/02</u>	<u>11:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/16/02</u>	<u>12:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/17/02</u>	<u>09:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/17/02</u>	<u>10:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/17/02</u>	<u>10:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/17/02</u>	<u>11:00</u>	<u>WATER</u>	<u>N/C</u>
<u>4/17/02</u>	<u>11:00</u>	<u>WATER</u>	<u>N/C</u>	<u>4/17/02</u>	<u>12:00</u>	<u>WATER</u>	<u>N/C</u>
Relinquished by: <u>Larry Williams</u> Date/Time <u>4/17/02 12:00</u> Received by: <u>Larry Williams</u> Date/Time <u>4/17/02 12:00</u>							
Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time _____							
Relinquished by: _____ Date/Time _____ Received by: _____ Date/Time _____							
Method of Shipment: _____							
Authorized by: _____ Date _____ (Client Signature Must Accompany Request)							
Special Instructions / Remarks:							

Distribution: White - On Site Yellow - LAB Pink - Sampler Goldfarb - Client

To Re-order Call 325-6600 or Fax 325-9764 **alphaGraphix** FORM # 01



OFF: (505) 325-5667

LAB: (505) 325-1556

December 30, 1999

Larry Trujillo
On Site Technologies Limited
612 E. Murray Drive
P.O. Box 2606
Farmington, NM 87499
TEL: (505) 325-5667
FAX (505) 327-1496

RE: 4-1374; Farmington B-Com 1E

Order No.: 9912018

Dear Larry Trujillo,

On Site Technologies, LTD. received 5 samples on 12/14/1999 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
Aromatic Volatiles by GC/PID (SW8021B)

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "David Cox".

David Cox



OFF: (505) 325-5667

LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 30-Dec-99

CLIENT: On Site Technologies Limited
Project: 4-1374; Farmington B-Com 1E
Lab Order: 9912018

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Dec-99

Client:	On Site Technologies Limited	Client Sample Info:	Farmington B-Com 1E
Work Order:	9912018	Client Sample ID:	MW-6
Lab ID:	9912018-01A	Matrix:	AQUEOUS
Project:	4-1374: Farmington B-Com 1E	Collection Date:	12/14/1999 9:10:00 AM
		COC Record:	10443

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	12/17/1999
Toluene	1.8	0.5		µg/L	1	12/17/1999
Ethylbenzene	0.7	0.5		µg/L	1	12/17/1999
m,p-Xylene	1.4	1		µg/L	1	12/17/1999
o-Xylene	0.5	0.5		µg/L	1	12/17/1999

Qualifiers: PQL - Practical Quantitation Limit S - Spike Recovery outside accepted recovery limits
ND - Not Detected at Practical Quantitation Limit R - RPD outside accepted recovery limits
J - Analyte detected below Practical Quantitation Limit E - Value above quantitation range
B - Analyte detected in the associated Method Blank Surr: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

TECHNOLOGY REDEFINING INDUSTRY WITH THE ENVIRONMENT



OFF: (505) 325-5667

LAB: (505) 325-1556

ANALYTICAL REPORT**Date: 30-Dec-99**

Client:	On Site Technologies Limited	Client Sample Info:	Farmington B-Com 1E
Work Order:	9912018	Client Sample ID:	MW-5
Lab ID:	9912018-02A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	12/14/1999 9:40:00 AM
		COC Record:	10443

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	12/17/1999
Toluene	0.8	0.5		µg/L	1	12/17/1999
Ethylbenzene	ND	0.5		µg/L	1	12/17/1999
m,p-Xylene	ND	1		µg/L	1	12/17/1999
o-Xylene	ND	0.5		µg/L	1	12/17/1999

Qualifiers:	PQL - Practical Quantitation Limit	S - Spike Recovery outside accepted recovery limits
	ND - Not Detected at Practical Quantitation Limit	R - RPD outside accepted recovery limits
	J - Analyte detected below Practical Quantitation Limit	E - Value above quantitation range
	B - Analyte detected in the associated Method Blank	Sur: - Surrogate

1 of 1

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Dec-99

Client:	On Site Technologies Limited	Client Sample Info:	Farmington B-Com 1E
Work Order:	9912018	Client Sample ID:	MW-4
Lab ID:	9912018-03A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	12/14/1999 10:10:00 AM
		COC Record:	10443

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	12/17/1999
Toluene	0.7	0.5		µg/L	1	12/17/1999
Ethylbenzene	ND	0.5		µg/L	1	12/17/1999
m,p-Xylene	ND	1		µg/L	1	12/17/1999
o-Xylene	ND	0.5		µg/L	1	12/17/1999

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surf: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Dec-99

Client:	On Site Technologies Limited	Client Sample Info:	Farmington B-Com 1E
Work Order:	9912018	Client Sample ID:	MW-3
Lab ID:	9912018-04A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	12/14/1999 10:40:00 AM
		COC Record:	10443

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	12/17/1999
Toluene	ND	0.5		µg/L	1	12/17/1999
Ethylbenzene	ND	0.5		µg/L	1	12/17/1999
m,p-Xylene	ND	1		µg/L	1	12/17/1999
o-Xylene	ND	0.5		µg/L	1	12/17/1999

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Surf. - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499

TECHNOLOGY RENDERING INDUSTRIES DEDICATED TO THE ENVIRONMENT

OFF: (505) 325-5667



LAB: (505) 325-1556

ANALYTICAL REPORT

Date: 30-Dec-99

Client:	On Site Technologies Limited	Client Sample Info:	Farmington B-Com 1E
Work Order:	9912018	Client Sample ID:	MW-2
Lab ID:	9912018-05A	Matrix:	AQUEOUS
Project:	4-1374; Farmington B-Com 1E	Collection Date:	12/14/1999 11:00:00 AM
		COC Record:	10443

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID						
			SW8021B			Analyst: DM
Benzene	ND	0.5		µg/L	1	12/17/1999
Toluene	ND	0.5		µg/L	1	12/17/1999
Ethylbenzene	1.8	0.5		µg/L	1	12/17/1999
m,p-Xylene	34	1		µg/L	1	12/17/1999
o-Xylene	2.4	0.5		µg/L	1	12/17/1999

Qualifiers: PQL - Practical Quantitation Limit
ND - Not Detected at Practical Quantitation Limit
J - Analyte detected below Practical Quantitation Limit
B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
Sur: - Surrogate

1 of 1

P.O. BOX 2606 • FARMINGTON, NM 87499



CHAIN OF CUSTODY RECORD

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
LAB: (505) 325-5667 • FAX: (505) 327-1496

10443

Date: 12/14/97
Page: 1 of 1

Purchase Order No.:		Project No. 4-1271		Name <u>Lacee Tschiff</u>		Title																																																																																								
Name <u>Lacee Tschiff</u> Company <u>Omoco</u>		Dept.		Company <u>Omoco</u>		Mailing Address																																																																																								
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PROJECT LOCATION: Farmington, NM																																																																																														
SAMPLER'S SIGNATURE: <u>Lacee Tschiff</u>																																																																																														
SAMPLE IDENTIFICATION <table border="1"> <thead> <tr> <th colspan="2"></th> <th colspan="4">SAMPLE</th> <th colspan="2"></th> </tr> <tr> <th colspan="2"></th> <th>DATE</th> <th>TIME</th> <th>MATRIX</th> <th>PRES.</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td rowspan="10">INVOC TO SEND</td> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> <tr> <td>12/14/97</td> <td>08:30</td> <td>H2O</td> <td>H2O</td> <td>2</td> <td colspan="2"></td> </tr> </tbody> </table>										SAMPLE								DATE	TIME	MATRIX	PRES.			INVOC TO SEND	12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2			12/14/97	08:30	H2O	H2O	2		
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Special Instructions / Remarks: (Client Signature Must Accompany Request)																																																																																														
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