

3R - 94

REPORTS

DATE:

1999

ON SITE
TECHNOLOGIES, LTD.

January 6, 2000

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

RE: 1999 Annual Ground Water Report
Conoco Location: San Juan 28-7-47
Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM

Project #: 2-1359

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 covered the prior 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:

Sampling events were conducted in March, June, September and December of 1999. Laboratory results show a decline of BTEX contamination over the last three (3) sampling events. The ground water elevations for this location have remained constant. Refer to BTEX concentration graph.

SAMPLING:

Following the approved Conoco plan, during each sampling event, water levels were measured on all monitoring wells prior to purging and sampling. Samples were collected in laboratory supplied containers, preserved as needed, 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 each sampling event. Table 2, summarizes the laboratory results for BTEX compounds from all water sampling completed at the referenced site, including assessment data.

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.

SUMMARY AND CONCLUSIONS:

The following conclusions are based on the 1999 ground water monitoring results and trends associated with a former production pit at the San Juan 28-7-47 well location:

1. BTEX contamination of ground water has remained below the New Mexico Water Quality Control Commission (NMWQCC) standards for the last three sampling events (June, September, December).
2. Ground water elevations have remained constant at this location.

PO Box 2606
Farmington, NM

505-325-5667

FAX: 505-327-1496

RECOMMENDATION:

1. Ground water monitoring must continue, in accordance with Comprehensive Ground Water Remediation and Long-Term Monitoring Plan, until four quarters of water quality is below NMWQCC action levels.
2. Upon completion of groundwater monitoring, complete Final Closure Form for submission to NMOCD.
3. Plug and abandoned monitoring well in accordance with current regulation.

LIMITATIONS AND CLOSURE:

This annual groundwater report documents the results of ground water monitoring for the referenced Conoco well location during the calendar year 1999. This report follows the Conoco Ground Water Plan, dated October 15, 1997.

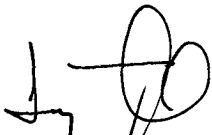
The scope of On Site Technologies' services consisted of project management, periodic water sampling and measurement of water levels, laboratory testing for ground water quality, and preparation of the annual report. All work has been performed in accordance with generally accepted professional practices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

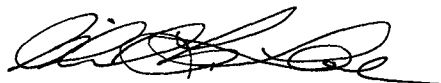
If there are any questions regarding this status report, please contact either Myke Lane or Larry Trujillo at On Site Technologies, (505) 325-5667. Thank you for your consideration.

Respectfully submitted,

Reviewed by:



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



Michael K. Lane, P.E.
Senior Engineer

On Site Technologies, Limited Partnership

Attachments: Table 1: Monitoring Well Details and Ground Water Levels Summary
Table 2: Ground Water BTEX Analytical Summary
Figure 1: Site Sketch
Figure 2: Ground Water Potentiometric Map (Not Applicable)
Boring Logs and Monitoring Well Diagrams (Not Available)
BTEX Concentration Graph
Laboratory Results, QA/QC, Chain of Custody

Acknowledgment:
CONOCO, Inc.

Shirley R. Ebert FSS
(Name/Title)

2/10/00
(Date)

LET/let: 41359-98.doc

REFERENCES:

New Mexico Oil Conservation Division, January 31, 1997. Letter to Mr. Neal Goates, Senior Environmental Specialist, Conoco, Inc. Midland Division, regarding: *Ground Water Contamination Assessment San Juan Unit Wells #219, #47, #19, #126, Conoco Location, San Juan 28-7 #47, Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*

On Site Technologies, Ltd., February 1, 1998, letter to Ms. Shirley Ebert, SHEAR Specialist, Conoco, Inc., Midland Division, regarding 1997 Annual Ground Water Report, *Conoco Location, San Juan 28-7-19, Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*

On Site Technologies, Ltd., February 7, 1999, letter to Ms. Shirley Ebert, SHEAR Specialist, Conoco, Inc., Midland Division, regarding 1998 Annual Ground Water Report, *Conoco Location, San Juan 28-7-19, Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*

On Site Technologies
 Table 1
 Ground Water Level Summary
 San Juan 28-7-47
 Unit A, Sec. 20, T28N, R7W

Well Number	Elevation at Ground surface (ft)	Total Depth of Well (ft)*	Well Type	Screen Interval (ft) (BGS) *	Sample Date	Depth to Groundwater (ft) (BTOC)*	Relative Groundwater Elevation (ft)
MW#1	6049.00	84.79			03/26/97	69.59	5979.41
					06/10/97	69.67	5979.33
					10/9/97	79.03	5969.97
					12/22/97	69.32	5979.68
					3/12/98	69.37	5979.63
					6/9/98	55.08	5993.92
					9/14/98	69.69	5979.31
					12/9/98	68.87	5980.13
					3/1/99	69.28	5979.72
					6/7/99	69.31	5979.69
					9/10/99	69.32	5979.68
					12/13/99	69.11	5979.89

BTOC - Below Top of Casing
 NIM - Not Measured

On Site Technologies

Table 2

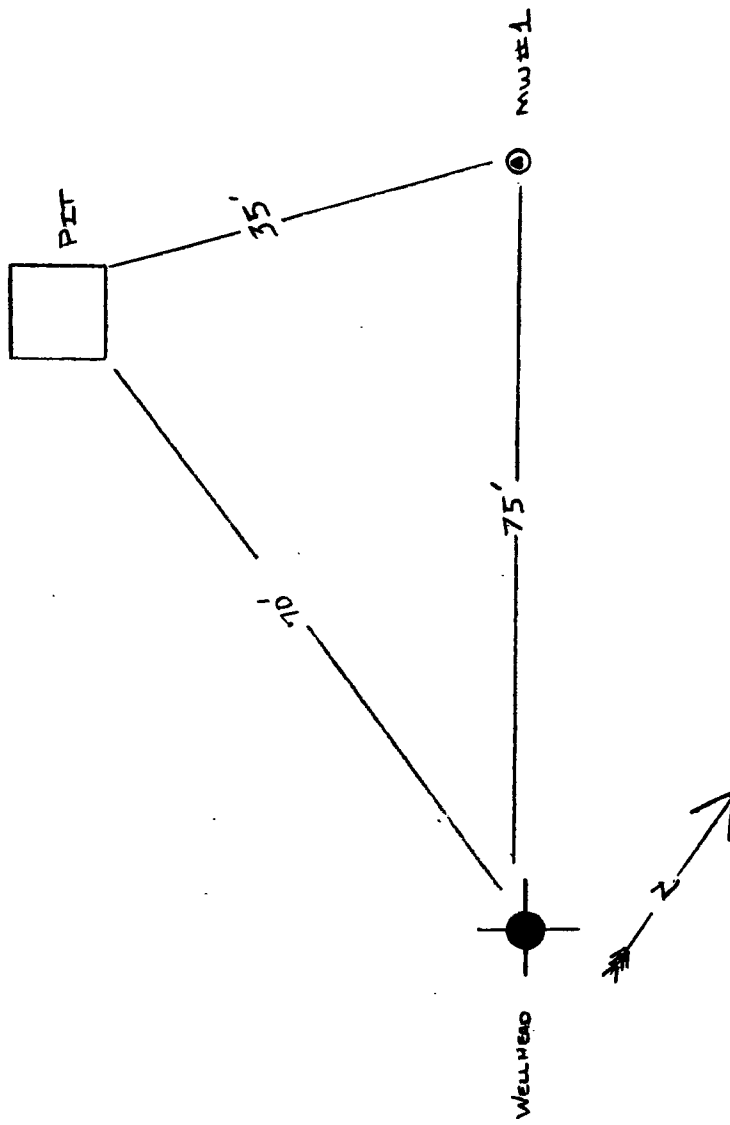
BTEX Analytical Summary

San Juan 28-7-47

Unit A, Sec. 20, T28N, R7W

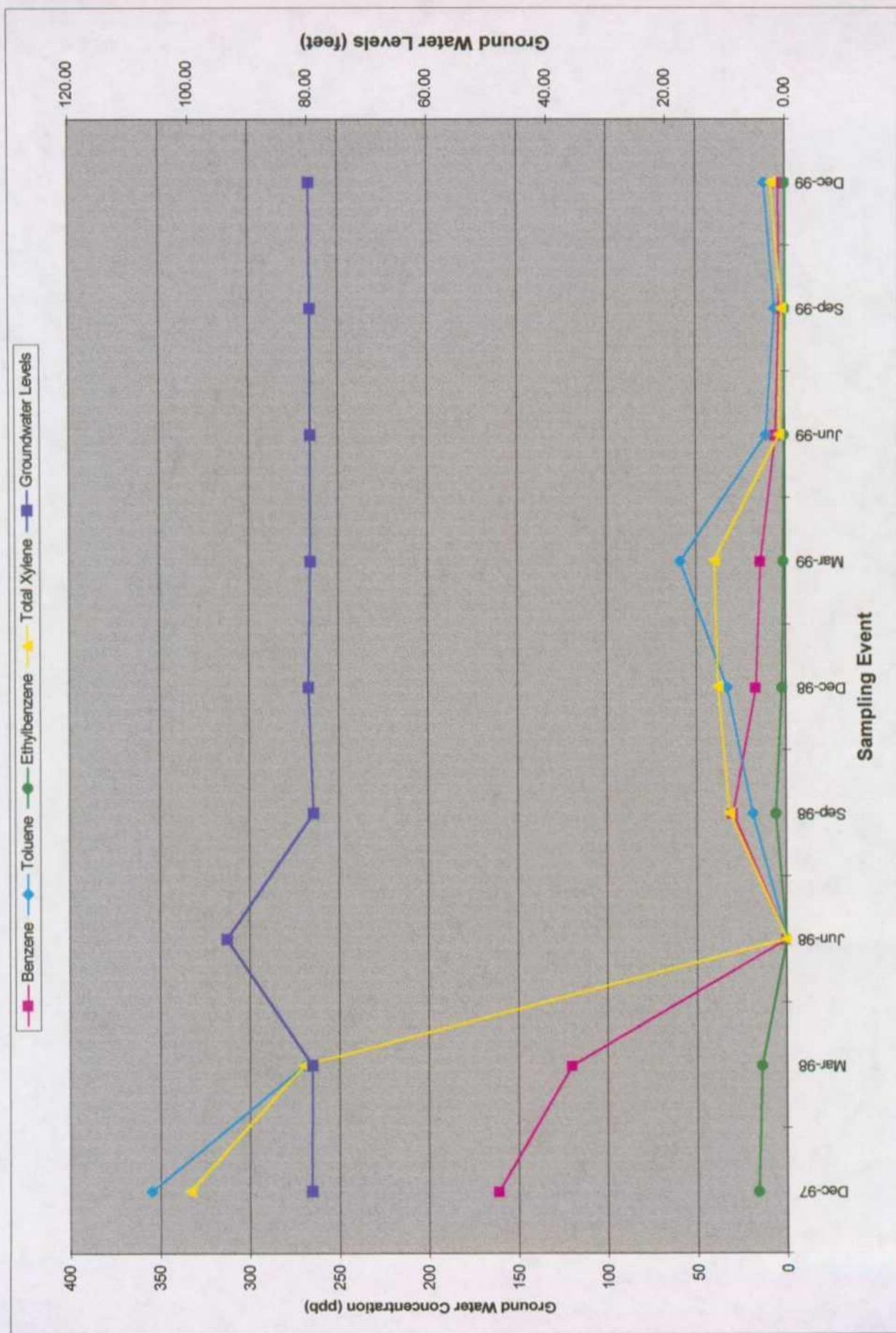
Sample Date	Sample ID#	Monitor Well	Remarks	BTEX per EPA 8020 (ppb)			
				Benzene	Toluene	Ethylbenzene	Total Xylene
08/15/95	G01392	MW#1	IML	12.2	186.0	BDL	27.7
03/22/96	0396G00321		IML	86.8	896.0	BDL	177.8
03/26/97	14047		On Site Lab.	301.2	821.2	27.0	182.1
04/21/97	14294		On Site Lab.	91.1	291.1	8.0	101.4
06/10/97	14894		On Site Lab.	68.0	196.0	7.0	73.0
10/09/97	16561		On Site Lab.	113.0	344.0	10.0	84.0
12/22/97	17208		On Site Lab.	161.0	355.0	16.0	100.0
3/12/98	9803029-01A		On Site Lab.	120.0	270.0	14.0	81.0
6/9/98	9806033-01A		On Site Lab.	BDL	BDL	BDL	BDL
9/14/98	9809029-01A		On Site Lab.	30.0	19.0	6.1	9.5
12/9/98	9812022-01A		On Site Lab.	17.0	33.0	2.4	11.4
3/1/99	9903003-01A		On Site Lab.	14.0	59.0	1.4	11.9
6/7/99	9906019-01A		On Site Lab.	5.4	11.0	0.8	1.0
9/10/99	9909037-01A		On Site Lab.	3.4	6.1	BDL	0.6
12/13/99	9912014-01A		On Site Lab.	3.9	12	BDL	2.3
WQCC	ACTION	LEVELS		10.0	750.0	750.0	620.0

BDL, Below Detection Levels



SITE MAP
San Juan 28-7-47
NOT TO SCALE
ALL DISTANCES APPROXIMATED

28-7-47



OFF: (505) 325-5667



LAB: (505) 325-1556

March 10, 1999

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

RE: San Juan 28-7-47; 2-1359

Order No.: 9903003

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 3/1/99 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", is written over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 10-Mar-99

CLIENT: Conoco, Inc.
Project: San Juan 28-7-47; 2-1359
Lab Order: 9903003

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: 10-Mar-99

Client:	Conoco, Inc.	Client Sample Info:	San Juan 28-7-47
Work Order:	9903003	Client Sample ID:	MW#1
Lab ID:	9903003-01A	Matrix:	AQUEOUS
Project:	San Juan 28-7-47; 2-1359	Collection Date:	3/1/99 10:10:00 AM
		COC Record:	10012

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8021B				Analyst: HR
Benzene	14	0.5		µg/L	1	3/8/99
Toluene	59	0.5		µg/L	1	3/8/99
Ethylbenzene	1.4	0.5		µg/L	1	3/8/99
m,p-Xylene	6.7	1		µg/L	1	3/8/99
o-Xylene	5.2	0.5		µg/L	1	3/8/99

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

On Site Technologies, LTD.

Date: 10-Mar-99

CLIENT: Conoco, Inc.

Work Order: 9903003

Project: San Juan 28-7-47; 2-1359

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_990308	Test Code: SW8021B	Units: µg/L	Analysis Date 3/8/99	Prep Date:
Client ID:	9903003	Run ID: GC-1_990308A		SeqNo: 11839	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	ND	0.5			
Ethylbenzene	ND	0.5			
m,p-Xylene	ND	1			
Methyl tert-Butyl Ether	ND	1			
o-Xylene	.0298	0.5			J
Toluene	.0703	0.5			J

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: Conoco, Inc.
Work Order: 9903003
Project: San Juan 28-7-47; 2-1359

Date: 10-Mar-99

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9902089-02AMS		Batch ID: GC-1_990308		Test Code: SW8021B		Units: µg/L		Analysis Date 3/8/99		Prep Date:	
Client ID:		9903003		Run ID: GC-1_990308A				SeqNo: 11840			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	201.2	2.5	200	0.399	100.4%	73	115				
Ethylbenzene	205.8	2.5	200	7.29	99.3%	74	117				
m,p-Xylene	422	5	400	37.21	96.2%	76	112				
Methyl tert-Butyl Ether	201.9	5	200	0	101.0%	62	122				
o-Xylene	206.4	2.5	200	6.91	99.7%	83	112				
Toluene	361.2	2.5	200	168.1	96.5%	71	120				

Sample ID: 9902089-02AMS		Batch ID: GC-1_990308	Test Code: SW8021B	Units: µg/L	Analysis Date 3/8/99		Prep Date:				
Client ID:		9903003	Run ID: GC-1_990308A		SeqNo: 11841						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	206.4	2.5	200	0.399	103.0%	73	115	201.2	2.5%	8	
Ethylbenzene	211.1	2.5	200	7.29	101.9%	74	117	205.8	2.5%	9	
m,p-Xylene	432	5	400	37.21	98.7%	76	112	422	2.3%	9	
Methyl tert-Butyl Ether	203.1	5	200	0	101.5%	62	122	201.9	0.6%	7	
o-Xylene	210.8	2.5	200	6.91	101.9%	83	112	206.4	2.1%	9	
Toluene	370	2.5	200	168.1	100.9%	71	120	361.2	2.4%	9	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 10-Mar-99

CLIENT: Conoco, Inc.

Work Order: 9903003

Project: San Juan 28-7-47; 2-1359

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER		Batch ID: GC-1_990308	Test Code: SW8021B	Units: µg/L	Analysis Date 3/8/99		Prep Date:				
Client ID:		9903003	Run ID: GC-1_990308A		SeqNo: 11838						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	42.31	0.5	40	0	105.8%	84	110				
Ethylbenzene	42.1	0.5	40	0	105.3%	86	113				
m,p-Xylene	82.11	1	80	0	102.6%	81	114				
Methyl tert-Butyl Ether	40.3	1	40	0	100.7%	69	129				
o-Xylene	42.03	0.5	40	0.0298	105.0%	86	112				
Toluene	41.6	0.5	40	0.0703	103.8%	85	111				

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 10-Mar-99

CLIENT: Conoco, Inc.

Work Order: 9903003

Project: San Juan 28-7-47; 2-1359

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 QC0606/07		Batch ID: GC-1_990308		Test Code: SW8021B		Units: µg/L		Analysis Date 3/8/99		Prep Date:	
Client ID:		9903003		Run ID: GC-1_990308A				SeqNo: 11835			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.99	0.5	20	0	105.0%	85	115				
Ethylbenzene	20.95	0.5	20	0	104.8%	85	115				
m,p-Xylene	40.81	1	40	0	102.0%	85	115				
Methyl tert-Butyl Ether	20.4	1	20	0	102.0%	85	115				
o-Xylene	20.95	0.5	20	0	104.8%	85	115				
Toluene	20.6	0.5	20	0	103.0%	85	115				
1,4-Difluorobenzene	93.85	0	100	0	93.8%	84	100				
4-Bromochlorobenzene	96.37	0	100	0	96.4%	87	105				
Fluorobenzene	96.13	0	100	0	96.1%	87	99				

Sample ID: CCV2 QC0606/07		Batch ID: GC-1_990308		Test Code: SW8021B		Units: µg/L		Analysis Date 3/8/99		Prep Date:	
Client ID:		9903003		Run ID: GC-1_990308A				SeqNo: 11836			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	21.28	0.5	20	0	106.4%	85	115				
Ethylbenzene	21.1	0.5	20	0	105.5%	85	115				
m,p-Xylene	40.9	1	40	0	102.3%	85	115				
Methyl tert-Butyl Ether	20.43	1	20	0	102.2%	85	115				
o-Xylene	21.06	0.5	20	0	105.3%	85	115				
Toluene	20.86	0.5	20	0	104.3%	85	115				
1,4-Difluorobenzene	93.79	0	100	0	93.8%	84	100				
4-Bromochlorobenzene	96.38	0	100	0	96.4%	87	105				
Fluorobenzene	95.75	0	100	0	95.8%	87	99				

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Conoco, Inc.
Work Order: 9903003
Project: San Juan 28-7-47; 2-1359

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 QC0606/07		Batch ID: GC-1_990308	Test Code: SW8021B	Units: µg/L	Analysis Date 3/8/99		Prep Date:					
Client ID: 9903003		Run ID: GC-1_990308A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result											
Benzene	40.6		0.5	40	0	101.5%	85	115				
Ethylbenzene	40.11		0.5	40	0	100.3%	85	115				
m,p-Xylene	78.34		1	80	0	97.9%	85	115				
Methyl tert-Butyl Ether	40.67		1	40	0	101.7%	85	115				
o-Xylene	40.58		0.5	40	0	101.4%	85	115				
Toluene	39.95		0.5	40	0	99.9%	85	115				
1,4-Difluorobenzene	93.52		0	100	0	93.5%	84	100				
4-Bromochlorobenzene	94.65		0	100	0	94.7%	87	105				
Fluorobenzene	95.46		0	100	0	95.5%	87	99				

On Site Technologies, LTD.

Date: 10-Mar-99

CLIENT: Conoco, Inc.
Work Order: 9903003
Project: San Juan 28-7-47; 2-1359
Test No: SW8021B

QC SUMMARY REPORT SURROGATE RECOVERIES

BTEX

Sample ID	14FBZ	4BCBZ	FLBZ
9902089-01A	94.3	96.5	96.4
9902089-02AMS	93.2	96.5	95.2
9902089-02AMSD	92.7	96.4	95.4
9902096-01A	94.4	96	96.4
9902096-02A	94.2	96.4	96.5
9902096-03A	94	96.4	96.6
9902096-05A	94.5	95.8	96.3
9903001-02A	94	95.5	96.7
9903002-01A	89.9	93.1	93.5
9903003-01A	93.7	96.1	96
9903004-01A	89.8	94.5	92.1
9903006-01A	92.5	95.9	94
9903006-02A	92.6	93.9	95.1
9903006-03A	94.4	95.7	96.4
9903008-01A	89.3	90.7	96.6
9903009-01A	94.4	95.9	96.9
9903009-02A	94.2	96.3	96.4
9903010-01A	92.5	97.3	94.5
9903013-01A	93.6	94.8	95.6
CCV1 QC0606/07	93.8	96.4	96.1
CCV2 QC0606/07	93.8	96.4	95.8
CCV3 QC0606/07	93.5	94.6	95.4
LCS WATER	93.4	96.4	95.4
MB1	94.2	96.3	96.6

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	84-100
4BCBZ	= 4-Bromochlorobenzene	87-105
FLBZ	= Fluorobenzene	87-99

* Surrogate recovery outside acceptance limits



Date: _____

Page: 1 of 1

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

[illegible]



Date: _____

Page: 1 of 1

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

Purchase Order No.:						Project No.		Name		Title			
SEND INVOICE TO		Name		Company		Dept.		Company					
		Address				Mailing Address							
		City, State, Zip				City, State, Zip							
						Telephone No.							
PROJECT LOCATION:								ANALYSIS REQUESTED					
SAMPLER'S SIGNATURE:								LAB ID					
SAMPLE IDENTIFICATION													
Relinquished by:								Date/Time		Received by:		Date/Time	
								Date/Time		Received by:		Date/Time	
								Date/Time		Received by:		Date/Time	
Method of Shipment:								Rush	24-48 Hours	10 Working Days	By Date		
Authorized by:								Special Instructions / Remarks:					

OFF: (505) 325-5667



LAB: (505) 325-1556

June 17, 1999

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

RE: 2-1359; San Juan 28-7-47

Order No.: 9906019

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 6/7/99 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", is written over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: Conoco, Inc.
Project: 2-1359; San Juan 28-7-47
Lab Order: 9906019

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: 17-Jun-99

Client: Conoco, Inc.

Client Sample Info: San Juan 28-7-47

Work Order: 9906019

Client Sample ID: Sample #1

Lab ID: 9906019-01A Matrix: AQUEOUS

Collection Date: 6/7/99 9:45:00 AM

Project: 2-1359; San Juan 28-7-47

COC Record: 10189

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: DC		
Benzene	5.4	0.5		µg/L	1	6/16/99
Toluene	11	0.5		µg/L	1	6/16/99
Ethylbenzene	0.8	0.5		µg/L	1	6/16/99
m,p-Xylene	ND	1		µg/L	1	6/16/99
o-Xylene	1	0.5		µg/L	1	6/16/99

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

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: Conoco, Inc.

Work Order: 9906019

Project: 2-1359, San Juan 28-7-47

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99	Prep Date:
Client ID:	9906019	Run ID: GC-1_990616A		SeqNo: 16005	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	ND	0.5			
Ethylbenzene	ND	0.5			
m,p-Xylene	ND	1			
Methyl tert-Butyl Ether	ND	1			
o-Xylene	.0555	0.5			J
Toluene	.1036	0.5			J

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: Conoco, Inc.
Work Order: 9906019
Project: 2-1359; San Juan 28-7-47

Date: 17-Jun-99

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9906015-24AMS		Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99		Prep Date:				
Client ID:	9906019	Run ID:	GC-1_990616A		SeqNo: 16006						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	6491	50	4000	2480	100.3%	73	115				
Ethylbenzene	4512	50	4000	189.1	108.1%	74	117				
m,p-Xylene	9582	100	8000	1256	104.1%	76	112				
Methyl tert-Butyl Ether	4626	100	4000	522.1	102.6%	62	122				
o-Xylene	4506	50	4000	147.5	109.0%	83	112				
Toluene	4681	50	4000	473	105.2%	71	120				

Sample ID: 9906015-24AMSD		Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99		Prep Date:				
Client ID:		9906019	Run ID: GC-1_990616A		SeqNo: 16007						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	6302	50	4000	2480	95.6%	73	115	6491	2.9%	8	
Ethylbenzene	4388	50	4000	189.1	105.0%	74	117	4512	2.8%	9	
m,p-Xylene	9316	100	8000	1256	100.8%	76	112	9582	2.8%	9	
Methyl tert-Butyl Ether	4536	100	4000	522.1	100.4%	62	122	4626	2.0%	7	
o-Xylene	4389	50	4000	147.5	106.0%	83	112	4506	2.6%	9	
Toluene	4542	50	4000	473	101.7%	71	120	4681	3.0%	9	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: Conoco, Inc.

Work Order: 9906019

Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER		Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99	Prep Date:
Client ID:		9906019	Run ID: GC-1_990616A		SeqNo: 16004	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	39.35	0.5	40	0	98.4%	84 110
Ethylbenzene	42.58	0.5	40	0	106.5%	86 113
m,p-Xylene	82.73	1	80	0	103.4%	81 114
Methyl tert-Butyl Ether	39.42	1	40	0	98.5%	69 129
o-Xylene	42.84	0.5	40	0.0555	107.0%	86 112
Toluene	41.4	0.5	40	0.1036	103.2%	85 111

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: Conoco, Inc.

Work Order: 9906019

Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 BTEX_9902		Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99		Prep Date:
Client ID: 9906019		Run ID: GC-1_990616A	PQL	SPK value	SPK Ref Val	%REC	SeqNo: 16001
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Benzene	20.67	0.5	20	0	103.3%	85	115
Ethylbenzene	22.1	0.5	20	0	110.5%	85	115
m,p-Xylene	43.18	1	40	0	107.9%	85	115
Methyl tert-Butyl Ether	20.92	1	20	0	104.6%	85	115
o-Xylene	22.22	0.5	20	0	111.1%	85	115
Toluene	21.55	0.5	20	0	107.7%	85	115
1,4-Difluorobenzene	93.71	0	100	0	93.7%	86	100
4-Bromochlorobenzene	94.73	0	100	0	94.7%	90	104
Fluorobenzene	95.93	0	100	0	95.9%	89	101

Sample ID: CCV2 BTEX_9902		Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99		Prep Date:
Client ID: 9906019		Run ID: GC-1_990616A	PQL	SPK value	SPK Ref Val	%REC	SeqNo: 16002
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Benzene	20.87	0.5	20	0	104.4%	85	115
Ethylbenzene	22.19	0.5	20	0	110.9%	85	115
m,p-Xylene	43.09	1	40	0	107.7%	85	115
Methyl tert-Butyl Ether	21.5	1	20	0	107.5%	85	115
o-Xylene	22.33	0.5	20	0	111.7%	85	115
Toluene	21.68	0.5	20	0	108.4%	85	115
1,4-Difluorobenzene	94.8	0	100	0	94.8%	86	100
4-Bromochlorobenzene	94.21	0	100	0	94.2%	90	104
Fluorobenzene	97.65	0	100	0	97.7%	89	101

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Conoco, Inc.
Work Order: 9906019
Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT
 Continuing Calibration Verification Standard

Sample ID: CCV3 BTEX_9902		Batch ID: GC-1_990616	Test Code: SW8021B	Units: µg/L	Analysis Date 6/16/99		Prep Date:				
Client ID:		9906019	Run ID: GC-1_990616A		SeqNo: 16003						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	40.95	0.5	40	0	102.4%	85	115				
Ethylbenzene	43.87	0.5	40	0	109.7%	85	115				
m,p-Xylene	84.87	1	80	0	106.1%	85	115				
Methyl tert-Butyl Ether	42.23	1	40	0	105.6%	85	115				
o-Xylene	44.17	0.5	40	0	110.4%	85	115				
Toluene	42.89	0.5	40	0	107.2%	85	115				
1,4-Difluorobenzene	93.9	0	100	0	93.9%	86	100				
4-Bromochlorobenzene	94.74	0	100	0	94.7%	90	104				
Fluorobenzene	96.97	0	100	0	97.0%	89	101				

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 17-Jun-99

CLIENT: Conoco, Inc.
Work Order: 9906019
Project: 2-1359; San Juan 28-7-47
Test No: SW8021B

QC SUMMARY REPORT SURROGATE RECOVERIES

Aromatic Volatiles by GC/PID

Sample ID	14FBZ	4BCBZ	FLBZ
9906015-17A	94.9	94.1	98.6
9906015-18A	94.9	94.6	98.6
9906015-19A	95.2	94.3	98.9
9906015-20A	95.1	96.4	98.2
9906015-21A	95.1	95.7	98.6
9906015-22A	94.5	93.9	98
9906015-23A	93.7	95.6	96.6
9906015-24A	94.6	93.8	97.4
9906015-24AMS	93.6	95.3	96.5
9906015-24AMSD	93.6	95.6	96.5
9906015-25A	91	94.9	94.2
9906015-26A	95.1	94.8	98.8
9906015-27A	95.3	94.3	96.5
9906018-01A	94.6	95.1	98.7
9906019-01A	95.5	95.2	98.2
9906021-01A	94.9	95.4	98.5
9906021-02A	95.8	94.9	98.6
9906021-03A	95.4	95.3	98.6
9906022-01A	89.9	91.7	95.6
9906023-01A	89	87.1 *	91.5
9906049-01A	95.5	94.9	98.8
CCV1 BTEX_99020	93.7	94.7	95.9
CCV2 BTEX_99020	94.8	94.2	97.6
CCV3 BTEX_99020	93.9	94.7	97
LCS WATER	93.8	95	96.8
MB1	94.9	94.4	96.8

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	86-100
4BCBZ	= 4-Bromochlorobenzene	90-104
FLBZ	= Fluorobenzene	89-101

* Surrogate recovery outside acceptance limits



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

Page: _____ of _____

Distribution:	White - On Site	Yellow - LAB	Pink - Sampler	Goldenrod - Client
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Date: 11/11/2011

Page: 1 of 1

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

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: San Juan 28-7-47; 2-1539

Order No.: 9909037

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 9/10/99 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", is written over a horizontal line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 21-Sep-99

CLIENT: Conoco, Inc.
Project: San Juan 28-7-47; 2-1539
Lab Order: 9909037

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:	San Juan 28-7-47
Work Order:	9909037	Client Sample ID:	S-1
Lab ID:	9909037-01A	Matrix:	AQUEOUS
Project:	San Juan 28-7-47; 2-1539	Collection Date:	9/10/99 9:50:00 AM
		COC Record:	10310

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B		Analyst: HR		
Benzene	3.4	0.5		µg/L	1	9/14/99
Toluene	6.1	0.5		µg/L	1	9/14/99
Ethylbenzene	ND	0.5		µg/L	1	9/14/99
m,p-Xylene	ND	1		µg/L	1	9/14/99
o-Xylene	0.6	0.5		µg/L	1	9/14/99

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

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

On Site Technologies, LTD.

Date: 21-Sep-99

CLIENT: Conoco, Inc.
Work Order: 9909037
Project: San Juan 28-7-47; 2-1539

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L	Analysis Date: 9/14/99	Prep Date:
Client ID:	9909037	Run ID: GC-1_990914A		SeqNo: 19507	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	.0446	0.5			
Ethylbenzene	ND	0.5			
m,p-Xylene	ND	1			
Methyl tert-Butyl Ether	ND	1			
o-Xylene	ND	0.5			
Toluene	.1364	0.5			J

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: Conoco, Inc.
Work Order: 9909037
Project: San Juan 28-7-47; 2-1539

Date: 21-Sep-99

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9909035-24AMS		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L	Analysis Date: 9/14/99		Prep Date:
Client ID: 9909037		Run ID: GC-1_990914A	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit SeqNo: 19508
Analyte	Result						RPD Ref Val %RPD RPDLimit Qual
Benzene	2496	10	800	1774		90.2%	80 116
Ethylbenzene	1971	10	800	1215		94.5%	80 118
m,p-Xylene	5264	20	1600	3764		93.8%	77 116
Methyl tert-Butyl Ether	1032	20	800	361.1		83.9%	62 122
o-Xylene	1955	10	800	1186		96.2%	83 117
Toluene	6919	10	800	6123		99.5%	80 116 E

Sample ID: 9909035-24AMSD		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L	Analysis Date: 9/14/99		Prep Date:
Client ID: 9909037		Run ID: GC-1_990914A	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit SeqNo: 19509
Analyte	Result						RPD Ref Val %RPD RPDLimit Qual
Benzene	2543	10	800	1800		92.9%	80 116 1.9% 7
Ethylbenzene	2008	10	800	1200		101.0%	80 118 1.9% 7
m,p-Xylene	5367	20	1600	3800		97.9%	77 116 1.9% 7
Methyl tert-Butyl Ether	998.5	20	800	360		79.8%	62 122 3.3% 7
o-Xylene	1986	10	800	1200		98.2%	83 117 1.6% 6
Toluene	7010	10	800	6100		113.8%	80 116 1.3% 6 E

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 21-Sep-99

CLIENT: Conoco, Inc.
Work Order: 9909037
Project: San Juan 28-7-47; 2-1539

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L	Analysis Date: 9/14/99		Prep Date:				
Client ID:	9909037	Run ID:	GC-1_990914A		SeqNo:	19506					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	40.27	0.5	40	0.0446	100.6%	87	119				
Ethylbenzene	41.1	0.5	40	0	102.7%	89	117				
m,p-Xylene	77.2	1	80	0	96.5%	88	114				
Methyl tert-Butyl Ether	41.27	1	40	0	103.2%	69	129				
o-Xylene	41.04	0.5	40	0	102.6%	90	116				
Toluene	40.67	0.5	40	0.1364	101.3%	90	115				

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 21-Sep-99

CLIENT: Conoco, Inc.

Work Order: 9909037

Project: San Juan 28-7-47; 2-1539

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 BTEX_9906		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L		Analysis Date: 9/14/99			Prep Date:				
Client ID:	9909037	Run ID:	GC-1_990914A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result												
Benzene	20.11			0.5	20	0	100.6%	85	115				
Ethylbenzene	20.47			0.5	20	0	102.4%	85	115				
m,p-Xylene	38.52			1	40	0	96.3%	85	115				
Methyl tert-Butyl Ether	20.42			1	20	0	102.1%	85	115				
o-Xylene	20.44			0.5	20	0	102.2%	85	115				
Toluene	20.16			0.5	20	0	100.8%	85	115				
1,4-Difluorobenzene	89.02			0	100	0	89.0%	80	120				
4-Bromochlorobenzene	89.72			0	100	0	89.7%	80	120				
Fluorobenzene	87.84			0	100	0	87.8%	80	120				

Sample ID: CCV2 BTEX_9906		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L		Analysis Date: 9/14/99			Prep Date:				
Client ID:		Run ID:	GC-1_990914A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result												
Benzene	20.54		0.5	20	0		102.7%	85	115				
Ethylbenzene	20.98		0.5	20	0		104.9%	85	115				
m,p-Xylene	39.5		1	40	0		98.7%	85	115				
Methyl tert-Butyl Ether	20.52		1	20	0		102.6%	85	115				
o-Xylene	20.93		0.5	20	0		104.7%	85	115				
Toluene	20.72		0.5	20	0		103.6%	85	115				
1,4-Difluorobenzene	89.01		0	100	0		89.0%	80	120				
4-Bromochlorobenzene	89.95		0	100	0		90.0%	80	120				
Fluorobenzene	87.79		0	100	0		87.8%	80	120				

Qualifiers:

NID - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Conoco, Inc.
Work Order: 9909037
Project: San Juan 28-7-47; 2-1539

QC SUMMARY REPORT
 Continuing Calibration Verification Standard

Sample ID: CCV3 BTEX_9906		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L	Analysis Date: 9/14/99		Prep Date:	
Client ID: 9909037		Run ID: GC-1_990914A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Analyte	Result							
Benzene	39.32		0.5	40	0	98.3%	85	115
Ethylbenzene	39.87		0.5	40	0	99.7%	85	115
m,p-Xylene	74.83		1	80	0	93.5%	85	115
Methyl tert-Butyl Ether	41.42		1	40	0	103.6%	85	115
o-Xylene	40.13		0.5	40	0	100.3%	85	115
Toluene	39.66		0.5	40	0	99.1%	85	115
1,4-Difluorobenzene	88.79		0	100	0	88.8%	80	120
4-Bromochlorobenzene	89.54		0	100	0	89.5%	80	120
Fluorobenzene	87		0	100	0	87.0%	80	120

Sample ID: CCV4 BTEX_9906		Batch ID: GC-1_990914	Test Code: SW8021B	Units: µg/L	Analysis Date: 9/14/99		Prep Date:	
Client ID: 9909037		Run ID: GC-1_990914A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit
Analyte	Result							
Benzene	39		0.5	40	0	97.5%	85	115
Ethylbenzene	40.06		0.5	40	0	100.1%	85	115
m,p-Xylene	74.86		1	80	0	93.6%	85	115
Methyl tert-Butyl Ether	41.34		1	40	0	103.4%	85	115
o-Xylene	40.41		0.5	40	0	101.0%	85	115
Toluene	39.73		0.5	40	0	99.3%	85	115
1,4-Difluorobenzene	88.73		0	100	0	88.7%	80	120
4-Bromochlorobenzene	88.82		0	100	0	88.8%	80	120
Fluorobenzene	87.03		0	100	0	87.0%	80	120

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 21-Sep-99

CLIENT: Conoco, Inc.
Work Order: 9909037
Project: San Juan 28-7-47; 2-1539
Test No: SW8021B

QC SUMMARY REPORT SURROGATE RECOVERIES

Aromatic Volatiles by GC/PID

Sample ID	14FBZ	4BCBZ	FLBZ
9909015-01A	90.7	91.8	90.2
9909023-01A	89.5	89.6	88.4
9909028-01A	87.4	87.8	87.2
9909035-17A	89.8	90.2	88.7
9909035-18A	85.5	88.4	85.2
9909035-19A	89.1	91.5	88.6
9909035-20A	89.7	89.8	89.3
9909035-21A	86.6	89.9	85.5
9909035-22A	88.9	89.6	86.9
9909035-23A	89.9	90.3	88.7
9909035-24A	87.6	90.4	85.2
9909035-24AMS	87.2	91.1	84.9
9909035-24AMSD	87.4	91	84.9
9909035-25A	87.7	88.2	88
9909036-01A	89.8	90.3	88.7
9909037-01A	90.2	90	88.7
9909038-01A	89.2	89.7	88.4
9909041-01A	89.4	90	89
9909041-03A	89.4	90.2	89
9909041-04A	71.8 *	71.8 *	71.2 *
CCV1 BTEX_99061	89	89.7	87.8
CCV2 BTEX_99061	89	90	87.8
CCV3 BTEX_99061	88.8	89.5	87
CCV4 BTEX_99061	88.7	88.8	87
LCS WATER	88.5	90	86.8
MB1	90.1	89.5	89.1

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	80-120
4BCBZ	= 4-Bromochlorobenzene	80-120
FLBZ	= Fluorobenzene	80-120

* Surrogate recovery outside acceptance limits



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

Page:

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



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Date:

Page:

[illegible]

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: 2-1359; San Juan 28-7-47

Order No.: 9912014

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 12/13/1999 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 'D Cox', is written over the signature line.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 30-Dec-99

CLIENT: On Site Technologies Limited
Project: 2-1359; San Juan 28-7-47
Lab Order: 9912014

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:	San Juan 28-7-47
Work Order:	9912014	Client Sample ID:	MW-1
Lab ID:	9912014-01A	Matrix:	AQUEOUS
Project:	2-1359; San Juan 28-7-47	Collection Date:	12/13/1999 9:35:00 AM
		COC Record:	10439

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
AROMATIC VOLATILES BY GC/PID		SW8021B				Analyst: DM
Benzene	3.9	0.5		µg/L	1	12/17/1999
Toluene	12	0.5		µg/L	1	12/17/1999
Ethylbenzene	ND	0.5		µg/L	1	12/17/1999
m,p-Xylene	1.4	1		µg/L	1	12/17/1999
o-Xylene	0.9	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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1

On Site Technologies, LTD.

Date: 30-Dec-99

CLIENT: On Site Technologies Limited
Work Order: 9912014
Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_991217	Test Code: SW8021B	Units: µg/L	Analysis Date 12/17/1999	Prep Date:
Client ID: 9912014	Run ID: GC-1_991217A			SeqNo: 22149	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	.2023	0.5			J
Ethylbenzene	.2647	0.5			J
m,p-Xylene	.3793	1			J
Methyl tert-Butyl Ether	.2003	1			J
o-Xylene	.1475	0.5			J
Toluene	.2826	0.5			J

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: On Site Technologies Limited
Work Order: 9912014
Project: 2-1359; San Juan 28-7-47

Date: 30-Dec-99

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9912011-04AMS		Batch ID: GC-1_991217	Test Code: SW8021B	Units: µg/L	Analysis Date 12/17/1999		Prep Date:
Client ID: 9912014		Run ID: GC-1_991217A	PQL	SPK value	SPK Ref Val	SeqNo: 22150	
Analyte	Result					LowLimit	HighLimit
Benzene	2856	25	2000	902.8	97.7%	80	116
Ethylbenzene	2379	25	2000	378.2	100.1%	80	118
m,p-Xylene	6200	50	4000	2548	91.3%	77	116
Methyl tert-Butyl Ether	2152	50	2000	25	106.4%	62	122
o-Xylene	2604	25	2000	589.5	100.7%	83	117
Toluene	5240	25	2000	3637	80.2%	80	116

Sample ID: 9912011-04AMSD		Batch ID: GC-1_991217	Test Code: SW8021B	Units: µg/L	Analysis Date 12/17/1999		Prep Date:
Client ID: 9912014		Run ID: GC-1_991217A	PQL	SPK value	SPK Ref Val	SeqNo: 22151	
Analyte	Result					LowLimit	HighLimit
Benzene	2824	25	2000	902.8	96.1%	80	116
Ethylbenzene	2358	25	2000	378.2	99.0%	80	118
m,p-Xylene	6145	50	4000	2548	89.9%	77	116
Methyl tert-Butyl Ether	2153	50	2000	25	106.4%	62	122
o-Xylene	2573	25	2000	589.5	99.2%	83	117
Toluene	5183	25	2000	3637	77.3%	80	116

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 30-Dec-99

CLIENT: On Site Technologies Limited
Work Order: 9912014
Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER	Batch ID: GC-1_991217	Test Code: SW8021B	Units: µg/L	Analysis Date	12/17/1999	Prep Date:
Client ID:	9912014	Run ID: GC-1_991217A		SeqNo:	22148	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	41.13	0.5	40	0.2023	102.3%	87 119
Ethylbenzene	41.36	0.5	40	0.2647	102.7%	89 117
m,p-Xylene	79.38	1	80	0.3793	98.7%	88 114
Methyl tert-Butyl Ether	42.08	1	40	0.2003	104.7%	69 129
o-Xylene	41.54	0.5	40	0.1475	103.5%	90 116
Toluene	41.38	0.5	40	0.2826	102.7%	90 115

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 30-Dec-99

CLIENT: On Site Technologies Limited
Work Order: 9912014
Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 BTEX_9910		Batch ID: GC-1_991217	Test Code: SW8021B	Units: µg/L	Analysis Date 12/17/1999		Prep Date:
Client ID: 9912014		Run ID: GC-1_991217A	PQL	SPK value	SPK Ref Val	SeqNo: 22145	
Analyte	Result					LowLimit	HighLimit
Benzene	21.98		0.5	20	0	85	115
Ethylbenzene	22.56		0.5	20	0	85	115
m,p-Xylene	42.98		1	40	0	85	115
Methyl tert-Butyl Ether	22.2		1	20	0	85	115
o-Xylene	22.53		0.5	20	0	85	115
Toluene	22.32		0.5	20	0	85	115
1,4-Difluorobenzene	89.59		0	100	0	80	120
4-Bromochlorobenzene	89.23		0	100	0	80	120
Fluorobenzene	87.38		0	100	0	80	120

Sample ID: CCV2 BTEX_9910		Batch ID: GC-1_991217	Test Code: SW8021B	Units: µg/L	Analysis Date 12/17/1999		Prep Date:
Client ID: 9912014		Run ID: GC-1_991217A	PQL	SPK value	SPK Ref Val	SeqNo: 22146	
Analyte	Result					LowLimit	HighLimit
Benzene	20.24		0.5	20	0	85	115
Ethylbenzene	20.89		0.5	20	0	85	115
m,p-Xylene	39.68		1	40	0	85	115
Methyl tert-Butyl Ether	21.5		1	20	0	85	115
o-Xylene	21.16		0.5	20	0	85	115
Toluene	20.7		0.5	20	0	85	115
1,4-Difluorobenzene	89.13		0	100	0	80	120
4-Bromochlorobenzene	90.68		0	100	0	80	120
Fluorobenzene	87.23		0	100	0	80	120

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: On Site Technologies Limited
Work Order: 9912014
Project: 2-1359; San Juan 28-7-47

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 BTEX_9910		Batch ID: GC-1_991217	Test Code: SW8021B		Units: µg/L		Analysis Date 12/17/1999			Prep Date:				
Client ID:		9912014	Run ID:	GC-1_991217A	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Analyte	Result													
Benzene	20.86			0.5	20	0		104.3%	85	115				
Ethylbenzene	21.4			0.5	20	0		107.0%	85	115				
m,p-Xylene	40.88			1	40	0		102.2%	85	115				
Methyl tert-Butyl Ether	22.24			1	20	0		111.2%	85	115				
o-Xylene	21.99			0.5	20	0		109.9%	85	115				
Toluene	21.48			0.5	20	0		107.4%	85	115				
1,4-Difluorobenzene	88.81			0	100	0		88.8%	80	120				
4-Bromochlorobenzene	90.88			0	100	0		90.9%	80	120				
Fluorobenzene	87.2			0	100	0		87.2%	80	120				

Qualifiers: NID - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 30-Dec-99

CLIENT: On Site Technologies Limited
Work Order: 9912014
Project: 2-1359; San Juan 28-7-47
Test No: SW8021B

QC SUMMARY REPORT SURROGATE RECOVERIES

Aromatic Volatiles by GC/PID

Sample ID	14FBZ	4BCBZ	FLBZ
9912011-04A	88.1	89.7	86.5
9912011-04AMS	87.4	89.8	85.9
9912011-04AMSD	87.6	89.7	85.6
9912012-10A	91.4	91.4	92.7
9912012-13A	86.4	87.8	87
9912012-15A	89.8	88.5	87.7
9912012-17A	89.9	90	87.9
9912012-18A	89.4	89.7	88
9912013-01A	88.5	89.3	86.8
9912014-01A	89.8	89.9	87.8
9912016-01A	86.2	88.4	86.6
9912017-01A	83.2	84.3	82.4
9912018-01A	89.6	90	88.1
9912018-02A	90	90	88
9912018-03A	89.8	90.2	87.9
9912018-04A	89.9	90.1	88
9912018-05A	90.3	89.5	88
9912019-01A	89.1	89.9	87.6
9912022-01A	89.5	90.2	88
9912023-01A	90.2	90.5	87.9
CCV1 BTEX_99100	89.6	89.2	87.4
CCV2 BTEX_99100	89.1	90.7	87.2
CCV3 BTEX_99100	88.8	90.9	87.2
LCS WATER	89.1	90.5	86.7
MB1	89.8	90.2	88.1

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	80-120
4BCBZ	= 4-Bromochlorobenzene	80-120
FLBZ	= Fluorobenzene	80-120

* Surrogate recovery outside acceptance limits



Date: 05/13/2014

Page: _____ of _____

612 E. Murray Dr. • P.O. Box 2606 • Farmington, NM 87499
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Purchase Order No.:		Project No.		Name		Title	
SEND INVOICE TO		Company		Company			
Address		Dept.		Mailing Address			
City, State, Zip				City, State, Zip		Telephone No.	
PROJECT LOCATION:		PROJECT NO.:		ANALYSIS REQUESTED			
SAMPLER'S SIGNATURE:		DATE		TIME		LAB ID	
SAMPLE IDENTIFICATION		DATE		TIME		LAB ID	
Relinquished by:		Date/Time		Received by:		Date/Time	
Relinquished by:		Date/Time		Received by:		Date/Time	
Relinquished by:		Date/Time		Received by:		Date/Time	
Method of Shipment:		Rush		24-48 Hours		10 Working Days	
Authorized by:		Date		Special Instructions / Remarks:			



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LAB: (505) 325-5667 • FAX: (505) 327-1496

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LAB: (505) 325-5667 • FAX: (505) 327-1496

Distribution:	White - On Site	Yellow - LAB	Pink - Sampler	Goldenrod - Client
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3R - 94

REPORTS

DATE:

1998



February 7, 1999

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

RECEIVED

FEB 19 1999

ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

RE: 1998 Annual Ground Water Report
Conoco Location: San Juan 28-7-47
Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM

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 covered the prior calendar year of 1998, 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* (hereafter Known as the monitoring plan), submitted to the New Mexico Oil Conservation Division on October 15, 1997.

SUMMARY OF 1997 ACTIVITIES:

Sampling events were conducted in March, June, September and December.

September 1998, NMOCD authorized Conoco to install Regenesi[®] Oxygen Release Compound (ORC) socks in the monitoring well at this location.

On December 9, 1998 two (2) ORC sock were placed in the monitoring well, following ground water sampling event.

Results of the ground water sampling, site assessment and laboratory results were previously documented in the following correspondence:

New Mexico Oil Conservation Division, January 31, 1997. Letter to Mr. Neal Goates, Senior Environmental Specialist, Conoco, Inc. Midland Division, regarding: *Ground Water Contamination Assessment San Juan Unit Wells #219, #47, #19, #126, Conoco Location, San Juan 28-7 #47, Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*

On Site Technologies, Ltd., February 1, 1998, Letter to Ms. Shirley Ebert, SHEAR Specialist, Conoco, Inc., Midland Division, regarding 1997 Annual Ground Water Report, *Conoco Location, San Juan 28-7-19, Unit A, Sec. 20, T28N, R7W, NMPM, San Juan Co., NM.*

SAMPLING:

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

PO Box 2606
Farmington, NM

505-325-5667

FAX: 505-327-1496

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 1998, along with all laboratory QA/QC documentation and chains-of-custody, are attached with this report.

SUMMARY AND CONCLUSIONS:

The following conclusions are based on the 1998 ground water monitoring results and trends associated with a former production pit at the San Juan 28-7-47 well location:

1. Benzene contamination of ground water remains above New Mexico Water Quality Control Commission (NMWQCC) standards.
2. ORC socks placed in the well in December of 1998, to aid the remediation of the ground water.

RECOMMENDATION:

Continue ground water monitoring, until NMWQCC abatement standards and requirements are met.

LIMITATIONS AND CLOSURE:

This annual groundwater report documents the results of ground water monitoring for the referenced Conoco well location during the calendar year 1997. This report follows the Comprehensive Ground Water Remediation and Long-Term Monitoring Plan for Conoco Locations in the San Juan Basin, New Mexico, dated October 15, 1997.

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 the annual report. All work has been performed in accordance with generally accepted professional practices in geotechnical, 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.

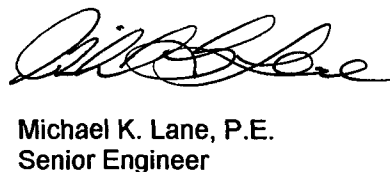
If there are any questions regarding this status report, please contact either Myke Lane or Larry Trujillo at On Site Technologies, (505) 325-5667. Thank you for your consideration.

Respectfully submitted,

Reviewed by:



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



Michael K. Lane, P.E.
Senior Engineer

On Site Technologies, Limited Partnership

Attachments: Table 1: Monitoring Well Details and Ground Water Levels Summary
Table 2: Ground Water BTEX Analytical Summary
Figure 1: Site Sketch
Figure 2: Ground Water Potentiometric Map (Not Applicable)
Boring Logs and Monitoring Well Diagrams (Not Available)
Laboratory Results, QA/QC, Chain of Custody

Acknowledgment:
CONOCO, Inc.

Shirley Ebert SHEAR SPECIALIST
(Name/Title)

2/17/99
(Date)

LET/let: 41359-98.doc

Table 1

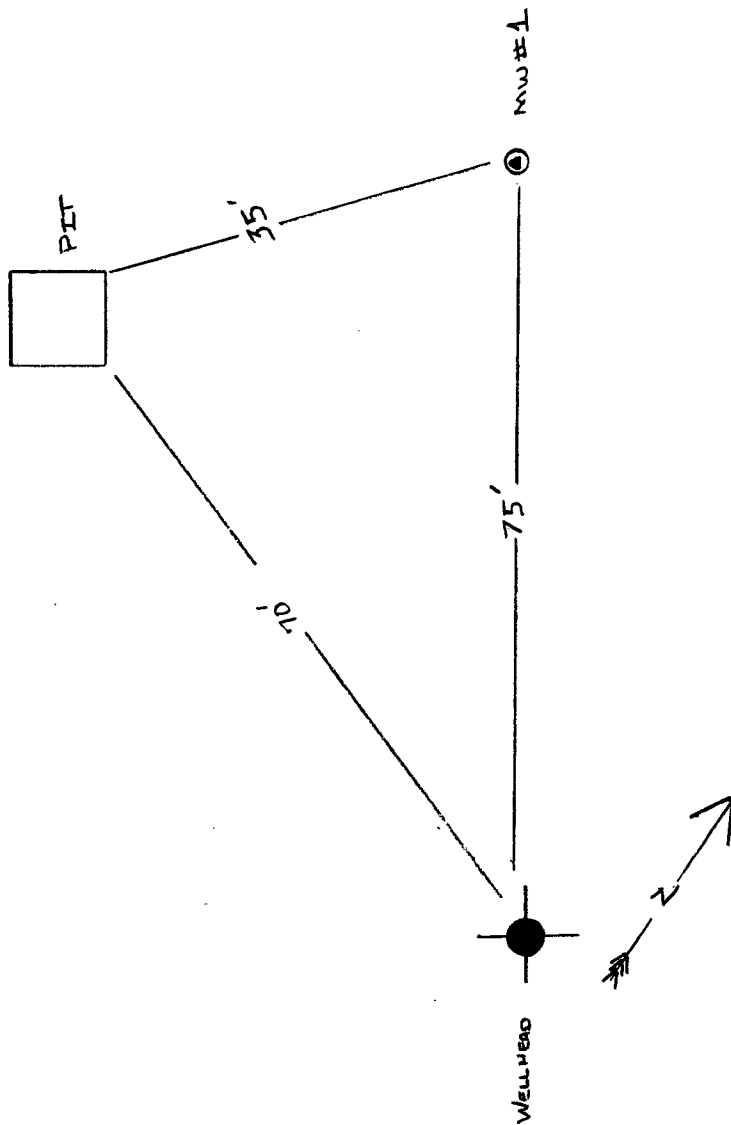
Well Number	Elevation at Ground surface (ft)	Total Depth of Well (ft)*	Well Type	Screen Interval (ft) (BGS) *	Sample Date	Depth to Groundwater (ft) (BTOC)*	Relative Groundwater Elevation (ft)
MV#1	6049.00	84.79			03/26/97	69.59	5979.41
					06/10/97	69.67	5979.33
					10/9/97	79.03	5969.97
					12/22/97	69.32	5979.68
					3/12/98	69.37	5979.63
					6/9/98	55.08	5993.92
					9/14/98	69.69	5979.31
					12/9/98	68.87	5980.13

BTOC - Below Top of Casing
NM - Not Measured

Table 2
 BTEX Analytical Summary
 San Juan 28-7-47
 Unit A, Sec. 20, T28N, R7W

Sample Date	Sample ID#	Monitor Well	Remarks	BTEX per EPA 8020 (ppb)			
				Benzene	Toluene	Ethylbenzene	Total Xylene
08/15/95	G01392	MW	IML	12.2	186.0	BDL	27.7
03/22/96	0396G00321	MW#1	IML	86.8	896.0	BDL	177.8
03/26/97	14047	MW#1	On Site Lab.	301.2	821.2	27.0	182.1
04/21/97	14294	MW#1	On Site Lab.	91.1	291.1	8.0	101.4
06/10/97	14894	MW#1	On Site Lab.	68.0	196.0	7.0	73.0
10/09/97	16561	MW#1	On Site Lab.	113.0	344.0	10.0	84.0
12/22/97	17208	MW#1	On Site Lab.	161.0	355.0	16.0	100.0
3/9/98	9803029-01A	MW#1	On Site Lab.	120.0	270.0	14.0	81.0
6/9/98	9806033-01A	MW#1	On Site Lab.	BDL	BDL	BDL	BDL
9/14/98	9809029-01A	MW#1	On Site Lab.	30.0	19.0	6.1	9.5
12/9/98	9812022-01A	MW#1	On Site Lab	17.0	33.0	2.4	11.4
WQCC	ACTION	LEVELS		10.0	750.0	750.0	620.0

BDL, Below Detection Levels



SITE MAP
San Juan 28-7-47
NOT TO SCALE
ALL DISTANCES APPROXIMATED

OFF: (505) 325-5667



LAB: (505) 325-1556

March 25, 1998

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

RE: 2-1359

Order No.: 9803029

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 3/9/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8020A)

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,

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

Date: 25-Mar-98

CLIENT: Conoco, Inc.
Project: 2-1359
Lab Order: 9803029

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: 25-Mar-98

Client:	Conoco, Inc.	Client Sample Info:	San Juan 28-7-47
Work Order:	9803029	Client Sample ID:	#1
Lab ID:	9803029-01A	Matrix:	AQUEOUS
Project:	2-1359	Collection Date:	3/9/98 12:07:00 PM
		COC#:	6899

Parameter	Result	Limit	Qual	Units	DF	Date Analyzed
BTEX		SW8020A		Analyst: DC		
Benzene	120	0.5		µg/L	1	3/10/98
Toluene	270	2.5		µg/L	5	3/10/98
Ethylbenzene	14	0.5		µg/L	1	3/10/98
m,p-Xylene	31	1		µg/L	1	3/10/98
o-Xylene	50	0.5		µg/L	1	3/10/98
Surr: Fluorobenzene	93.1	70-130		%REC	1	3/10/98
Surr: Fluorobenzene	92.6	70-130		%REC	5	3/10/98
Surr: 1,4-Difluorobenzene	94.4	70-130		%REC	1	3/10/98
Surr: 1,4-Difluorobenzene	92.4	70-130		%REC	5	3/10/98
Surr: 4-Bromochlorobenzene	91.0	70-130		%REC	1	3/10/98
Surr: 4-Bromochlorobenzene	91.1	70-130		%REC	5	3/10/98

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

On Site Technologies, LTD.

Date: 25-Mar-98

CLIENT: Conoco, Inc.
Work Order: 9803029
Project: 2-1359
QC SUMMARY REPORT
 Method Blank

Sample ID: MB1	Batch ID: GC-1_980310	Test Code: SW8020A	Units: µg/L	Analysis Date: 3/10/98	Prep Date:						
Client ID:	9803029	Run ID: GC-1_980310A		SeqNo: 113							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	.061	0.5									J
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	1									
o-Xylene	ND	0.5									
Toluene	.1124	0.5									J

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank
 1 of 1

On Site Technologies, LTD.

Date: 25-Mar-98

CLIENT: Conoco, Inc.

Work Order: 9803029

Project: 2-1359

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9803011-01AMS		Batch ID: GC-1_980310		Test Code: SW8020A		Units: µg/L		Analysis Date: 3/10/98		Prep Date:	
Client ID:		9803029		Run ID: GC-1_980310A				SeqNo: 114			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	424.9	5	400	13.06	103.0%	56	128				
Ethylbenzene	861.9	5	400	463.1	99.7%	78	107				
m,p-Xylene	1021	10	800	234.2	98.3%	67	118				
o-Xylene	644.6	5	400	239.3	101.3%	78	107				
Toluene	995.9	5	400	589.3	101.7%	74	116				

Sample ID: 9803011-01AMSD		Batch ID: GC-1_980310		Test Code: SW8020A		Units: µg/L		Analysis Date: 3/10/98		Prep Date:	
Client ID:		9803029		Run ID: GC-1_980310A				SeqNo: 115			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	419	5	400	13.06	101.5%	56	128	424.9	1.4%	15	
Ethylbenzene	851.8	5	400	463.1	97.2%	78	107	861.9	1.2%	15	
m,p-Xylene	1007	10	800	234.2	96.6%	67	118	1021	1.4%	15	
o-Xylene	639.6	5	400	239.3	100.1%	78	107	644.6	0.8%	15	
Toluene	985.5	5	400	589.3	99.1%	74	116	995.9	1.0%	15	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 25-Mar-98

CLIENT: Conoco, Inc.

Work Order: 9803029

Project: 2-1359

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER	Batch ID: GC-1_980310	Test Code: SW8020A	Units: µg/L	Analysis Date: 3/10/98	Prep Date:
Client ID: 9803029	Run ID: GC-1_980310A	PQL	SPK value	SeqNo: 112	
Analyte	Result	SPK	SPK Ref Val	LowLimit	HighLimit
Benzene	41.09	0.5	0.061	39	150
Ethylbenzene	41.79	0.5	0	32	160
m,p-Xylene	79.54	1	0	35	145
o-Xylene	40.75	0.5	0	35	145
Toluene	40.67	0.5	0.1124	46	148
		%REC		RPD Limit	RPD Limit
		102.6%			
		104.5%			
		99.4%			
		101.9%			
		101.4%			

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 25-Mar-98

CLIENT: Conoco, Inc.

Work Order: 9803029

Project: 2-1359

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 QC0529/30		Batch ID: GC-1_980310		Test Code: SW8020A		Units: µg/L		Analysis Date: 3/10/98		Prep Date:	
Client ID: 9803029		Run ID: GC-1_980310A		PQL		SPK value		SeqNo: 110			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	21.63	0.5	20	0	108.2%	85	115				
Ethylbenzene	22.22	0.5	20	0	111.1%	85	115				
m,p-Xylene	42.23	1	40	0	105.6%	85	115				
o-Xylene	21.68	0.5	20	0	108.4%	85	115				
Toluene	21.48	0.5	20	0	107.4%	85	115				
1,4-Difluorobenzene	94.35	0	100	0	94.3%	70	130				
4-Bromochlorobenzene	91.54	0	100	0	91.5%	70	130				
Fluorobenzene	93.42	0	100	0	93.4%	70	130				

Sample ID: CCV2 QC0529/30		Batch ID: GC-1_980310		Test Code: SW8020A		Units: µg/L		Analysis Date: 3/10/98		Prep Date:	
Client ID: 9803029		Run ID: GC-1_980310A		PQL		SPK value		SeqNo: 111			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.55	0.5	20	0	102.8%	85	115				
Ethylbenzene	21.05	0.5	20	0	105.3%	85	115				
m,p-Xylene	39.89	1	40	0	99.7%	85	115				
o-Xylene	20.53	0.5	20	0	102.6%	85	115				
Toluene	20.39	0.5	20	0	102.0%	85	115				
1,4-Difluorobenzene	94.12	0	100	0	94.1%	70	130				
4-Bromochlorobenzene	92.35	0	100	0	92.3%	70	130				
Fluorobenzene	93.48	0	100	0	93.5%	70	130				

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CHAIN OF CUSTODY RECORD

6899

ON SITE

TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date: 3/9/98

Page 1 of 1

Purchase Order No.:		Job No. 2-1359	
Name Larry Trujillo		Title	
Company Conoco		Company Conoco	
Address		Mailing Address	
City, State, Zip		City, State, Zip	
Telephone No.		Telefax No.	
Sampling Location: San Juan 28-7-47		ANALYSIS REQUESTED	
Sampler: Larry Trujillo		Number of Containers	
SAMPLE IDENTIFICATION		LAB ID	
SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.
3/9/98	1207	H ₂ O	HCl
Sample #1 28-7-47		9803029-01A	
Relinquished by: [Signature]		Date/Time 3/9/98 1556	
Relinquished by:		Date/Time	
Relinquished by:		Date/Time	
Method of Shipment:		Special Instructions:	
Authorized by: [Signature]		Date	
(Client Signature Must Accompany Request)		Date	
Rush		24-48 Hours	
10 Working Days		Special Instructions:	

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

6983

Page 1 of 1

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LAB: (505) 325-5667 • FAX: (505) 325-6256

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

TECHNOLOGIES, LTD.

657 W. Maple • P.O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Page _____ of _____

Date:

[illegible]

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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OFF: (505) 325-5667



LAB: (505) 325-1556

June 16, 1998

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

RE: 2-1359; Conoco

Order No.: 9806033

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 6/10/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8020A)

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,

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: On Site Technologies, Limited Partnership

Project: 2-1359; Conoco

Lab Order: 9806033

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: 16-Jun-98

Client:	On Site Technologies, Limited Partnership	Client Sample Info:	San Juan 28-7-47
Work Order:	9806033	Client Sample ID:	#1
Lab ID:	9806033-01A	Matrix:	AQUEOUS
Project:	2-1359; Conoco	Collection Date:	6/9/98 9:21:00 AM
		COC Record:	5135

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8020A				Analyst: DC
Benzene	ND	0.5		µg/L	1	6/14/98
Toluene	ND	0.5		µg/L	1	6/14/98
Ethylbenzene	ND	0.5		µg/L	1	6/14/98
m,p-Xylene	ND	1		µg/L	1	6/14/98
o-Xylene	ND	0.5		µg/L	1	6/14/98

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

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- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

1 of 1

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9806033

Project: 2-1359; Conoco

QC SUMMARY REPORT

Method Blank

Sample ID: MB1	Batch ID: GC-1_980614	Test Code: SW8020A	Units: µg/L	Analysis Date: 6/14/98	Prep Date:
Client ID: 9806033	Run ID: GC-1_980614B			SeqNo: 2996	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
Benzene	.0426	0.5			
Ethylbenzene	.0628	0.5			
m,p-Xylene	.1828	1			
o-Xylene	.0816	0.5			
Toluene	.1025	0.5			
				HighLimit	RPD Ref Val
				LowLimit	%RPD
				RPDLimit	Qual

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9806033
Project: 2-1359; Conoco

Date: 16-Jun-98

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9806014-02AMS		Batch ID: GC-1_980614		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/14/98		Prep Date:	
Client ID: 9806033		Run ID: GC-1_980614B		SeqNo: 2997							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	813	10	800	4.052	101.1%	56	128				
Ethylbenzene	812.9	10	800	4.38	101.1%	78	107				
m,p-Xylene	1577	20	1600	17.67	97.5%	67	118				
o-Xylene	806.4	10	800	2.606	100.5%	78	107				
Toluene	806.6	10	800	3.922	100.3%	74	116				

Sample ID: 9806014-02AMS		Batch ID: GC-1_980614		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/14/98		Prep Date:	
Client ID: 9806033		Run ID: GC-1_980614B		SeqNo: 2998							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	788.5	10	800	4.052	98.1%	56	128	813	3.1%	12	
Ethylbenzene	811.3	10	800	4.38	100.9%	78	107	812.9	0.2%	11	
m,p-Xylene	1559	20	1600	17.67	96.3%	67	118	1577	1.2%	10	
o-Xylene	791.3	10	800	2.606	98.6%	78	107	806.4	1.9%	14	
Toluene	783.7	10	800	3.922	97.5%	74	116	806.6	2.9%	14	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9806033
Project: 2-1359; Conoco

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS		Batch ID: GC-1_980614	Test Code: SW8020A	Units: µg/L	Analysis Date: 6/14/98		Prep Date:	
Client ID:		9806033	Run ID: GC-1_980614B		SeqNo: 2995			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
Benzene	40.87	0.5	40	0.0426	102.1%	56	128	
Ethylbenzene	40.4	0.5	40	0.0628	100.8%	78	107	
m,p-Xylene	78.11	1	80	0.1828	97.4%	67	118	
o-Xylene	40.26	0.5	40	0.0816	100.5%	78	107	
Toluene	40.14	0.5	40	0.1025	100.1%	74	116	
								%RPD RPDLimit Qual

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9806033

Project: 2-1359; Conoco

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 QC0529/30		Batch ID: GC-1_980614		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/14/98			Prep Date:	
Client ID:		9806033		Run ID:		GC-1_980614B		SeqNo: 2992				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Benzene	21.32	0.5	20	0	106.6%	85	115					
Ethylbenzene	21.51	0.5	20	0	107.6%	85	115					
m,p-Xylene	41.34	1	40	0	103.3%	85	115					
o-Xylene	21.34	0.5	20	0	106.7%	85	115					
Toluene	21.1	0.5	20	0	105.5%	85	115					
1,4-Difluorobenzene	92.58	0	100	0	92.6%	70	130					
4-Bromochlorobenzene	80.52	0	100	0	80.5%	70	130					
Fluorobenzene	93.34	0	100	0	93.3%	70	130					

Sample ID: CCV2 QC0529/30		Batch ID: GC-1_980614		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/14/98				Prep Date:	
Client ID:		9806033		Run ID:		GC-1_980614B		SeqNo:		2993			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual		
Benzene	20.83	0.5	20	0	104.1%	85	115						
Ethylbenzene	22.1	0.5	20	0	110.5%	85	115						
m,p-Xylene	43.85	1	40	0	109.6%	85	115						
o-Xylene	21.84	0.5	20	0	109.2%	85	115						
Toluene	21.56	0.5	20	0	107.8%	85	115						
1,4-Difluorobenzene	92.73	0	100	0	92.7%	70	130						
4-Bromochlorobenzene	79.29	0	100	0	79.3%	70	130						
Fluorobenzene	92.28	0	100	0	92.3%	70	130						

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9806033

Project: 2-1359; Conoco

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 QC0529/30		Batch ID: GC-1_980614		Test Code: SW8020A		Units: µg/L		Analysis Date: 6/14/98			Prep Date:	
Client ID:		9806033		Run ID:		GC-1_980614B		SeqNo: 2994				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Benzene	42.1	0.5	40	0	105.3%	85	115					
Ethylbenzene	42.85	0.5	40	0	107.1%	85	115					
m,p-Xylene	81.5	1	80	0	101.9%	85	115					
o-Xylene	41.48	0.5	40	0	103.7%	85	115					
Toluene	41.48	0.5	40	0	103.7%	85	115					
1,4-Difluorobenzene	92.78	0	100	0	92.8%	70	130					
4-Bromochlorobenzene	80.77	0	100	0	80.8%	70	130					
Fluorobenzene	92.47	0	100	0	92.5%	70	130					

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 16-Jun-98

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9806033

Project: 2-1359; Conoco

Test No: SW8020A

QC SUMMARY REPORT SURROGATE RECOVERIES

BTEX

Sample ID	14FBZ	4BCBZ	FLBZ
9806014-01A	92.3	79.7	93.4
9806014-02AMS	92.4	75.1	92.7
9806014-02AMSD	92.8	80.4	92.5
9806019-01A	93.8	78.8	93.3
9806019-02A	93	77.9	93.3
9806030-02A	93.6	79.3	93
9806030-03A	93.8	85.6	93.1
9806031-01A	90.9	85.3	91.5
9806031-02A	90.1	85.3	90.6
9806032-01A	93.1	86.7	93.6
9806033-01A	93.4	84.7	93.2
9806034-01A	90.7	83.9	91.5
CCV1 QC0529/30	92.6	80.5	93.3
CCV2 QC0529/30	92.7	79.3	92.3
CCV3 QC0529/30	92.8	80.8	92.5
LCS	92.4	79.8	92.9
MB1	93	80.9	93.4

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	70-130
4BCBZ	= 4-Bromochlorobenzene	70-130
FLBZ	= Fluorobenzene	70-130

* Surrogate recovery outside acceptance limits

ON SITE

TECHNOLOGIES, LTD.

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[illegible]

ON SITE

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Date:

Page

of

[illegible]

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date:

[illegible]

OFF: (505) 325-5667



LAB: (505) 325-1556

September 25, 1998

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

RE: 2-1359; Conoco

Order No.: 9809029

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 9/14/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8020A)

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 dark ink, appearing to read "David Cox", written in a cursive style.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 25-Sep-98

CLIENT: On Site Technologies, Limited Partnership

Project: 2-1359; Conoco

Lab Order: 9809029

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: 25-Sep-98

Client:	On Site Technologies, Limited Partnership	Client Sample Info:	San Juan 28-7-47
Work Order:	9809029	Client Sample ID:	Sample #1
Lab ID:	9809029-01A	Matrix:	AQUEOUS
Project:	2-1359; Conoco	Collection Date:	9/14/98 9:44:00 AM
		COC Record:	5552

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8020A		Analyst: DC		
Benzene	30	1		µg/L	1	9/21/98
Toluene	19	1		µg/L	1	9/21/98
Ethylbenzene	6.1	1		µg/L	1	9/21/98
m,p-Xylene	3.1	2		µg/L	1	9/21/98
o-Xylene	6.4	1		µg/L	1	9/21/98

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

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

On Site Technologies, LTD.

Date: 25-Sep-98

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9809029
Project: 2-1359; Conoco

QC SUMMARY REPORT
Method Blank

Sample ID: MB1	Batch ID: GC-1_980921	Test Code: SW8020A	Units: µg/L	Analysis Date 9/21/98	Prep Date:
Client ID:	9809029	Run ID: GC-1_980921A		SeqNo: 6730	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	.0421	1			J
Ethylbenzene	.0623	1			J
m,p-Xylene	.1705	2			J
o-Xylene	.1247	1			J
Toluene	.1509	1			J

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9809029
Project: 2-1359; Conoco

Date: 25-Sep-98

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9809031-02AMS		Batch ID: GC-1_980921		Test Code: SW8020A		Units: µg/L		Analysis Date 9/21/98		Prep Date:	
Client ID:		9809029		Run ID: GC-1_980921A				SeqNo: 6731			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	191.1	5	200	0.4255	95.3%	56	128				
Ethylbenzene	211.5	5	200	0.4985	105.5%	78	107				
m,p-Xylene	414.5	10	400	2.556	103.0%	67	118				
o-Xylene	201.8	5	200	0.3315	100.8%	78	107				
Toluene	204.9	5	200	1.194	101.8%	74	116				

Sample ID: 9809031-02AMSD		Batch ID: GC-1_980921	Test Code: SW8020A	Units: µg/L	Analysis Date 9/21/98				Prep Date:		
Client ID:		9809029	Run ID: GC-1_980921A		SeqNo: 6732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	184.1	5	200	0.4255	91.8%	56	128	191.1	3.7%	12	
Ethylbenzene	206.4	5	200	0.4985	103.0%	78	107	211.5	2.4%	11	
m,p-Xylene	404.8	10	400	2.556	100.6%	67	118	414.5	2.4%	10	
o-Xylene	196.7	5	200	0.3315	98.2%	78	107	201.8	2.6%	14	
Toluene	199.3	5	200	1.194	99.1%	74	116	204.9	2.7%	14	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 25-Sep-98

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9809029
Project: 2-1359; Conoco

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER		Batch ID: GC-1_980921	Test Code: SW8020A	Units: µg/L	Analysis Date 9/21/98		Prep Date:				
Client ID:		9809029	Run ID: GC-1_980921A		SeqNo:	6729					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	39.51	1	40	0.0421	98.7%	56	128				SV 9/25/98
Ethylbenzene	43.12	1	40	0.0623	107.6%	78	107				
m,p-Xylene	85.18	2	80	0.1705	106.3%	67	118				
o-Xylene	42.33	1	40	0.1247	105.5%	78	107				
Toluene	41.78	1	40	0.1509	104.1%	74	116				
											9/28/98

Qualifiers:

ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 25-Sep-98

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9809029

Project: 2-1359; Conoco

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 QC0606/07		Batch ID: GC-1_980921	Test Code: SW8020A	Units: µg/L	Analysis Date 9/21/98		Prep Date:
Client ID: 9809029		Run ID: GC-1_980921A	PQL	SPK value	SPK Ref Val	SeqNo: 6726	
Analyte	Result					LowLimit	HighLimit
Benzene	20.22		1	20	0	85	115
Ethylbenzene	22.23		1	20	0	85	115
m,p-Xylene	43.6		2	40	0	85	115
o-Xylene	21.64		1	20	0	85	115
Toluene	21.52		1	20	0	85	115
1,4-Difluorobenzene	88.91		0	100	0	70	130
4-Bromochlorobenzene	79.55		0	100	0	70	130
Fluorobenzene	85.36		0	100	0	70	130
						%REC	
						101.1%	
						111.2%	
						109.0%	
						108.2%	
						107.6%	
						88.9%	
						79.5%	
						85.4%	
						RPD Ref Val	RPDLimit
							Qual

Sample ID: CCV2 QC0606/07		Batch ID: GC-1_980921	Test Code: SW8020A	Units: µg/L	Analysis Date 9/21/98		Prep Date:
Client ID: 9809029		Run ID: GC-1_980921A	PQL	SPK value	SPK Ref Val	SeqNo: 6727	
Analyte	Result					LowLimit	HighLimit
Benzene	19.84		1	20	0	85	115
Ethylbenzene	21.74		1	20	0	85	115
m,p-Xylene	42.67		2	40	0	85	115
o-Xylene	20.81		1	20	0	85	115
Toluene	20.98		1	20	0	85	115
1,4-Difluorobenzene	88.7		0	100	0	70	130
4-Bromochlorobenzene	69.55		0	100	0	70	130
Fluorobenzene	85.39		0	100	0	70	130
						%REC	
						99.2%	
						108.7%	
						106.7%	
						104.1%	
						104.9%	
						88.7%	
						69.6%	
						85.4%	
						RPD Ref Val	RPDLimit
							Qual
							S

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9809029

Project: 2-1359; Conoco

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 QC0606/07		Batch ID: GC-1_980921	Test Code: SW8020A		Units: µg/L		Analysis Date 9/21/98		Prep Date:		
Client ID:		9809029	Run ID:	GC-1_980921A				SeqNo: 6728			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	37.58	1	40	0	93.9%	85	115				
Ethylbenzene	41.94	1	40	0	104.8%	85	115				
m,p-Xylene	82.28	2	80	0	102.9%	85	115				
o-Xylene	40.08	1	40	0	100.2%	85	115				
Toluene	40.64	1	40	0	101.6%	85	115				
1,4-Difluorobenzene	87.81	0	100	0	87.8%	70	130				
4-Bromochlorobenzene	63.38	0	100	0	63.4%	70	130				S
Fluorobenzene	84.05	0	100	0	84.0%	70	130				

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 25-Sep-98

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9809029
Project: 2-1359; Conoco
Test No: SW8020A

QC SUMMARY REPORT SURROGATE RECOVERIES

BTEX

Sample ID	14FBZ	4BCBZ	FLBZ
9809027-01A	88.5	71	85
9809027-02A	86	58.3 *	82.6
9809027-03A	87.8	58.5 *	84.3
9809027-05A	87.2	67.7 *	84.1
9809028-01A	79	39.9 *	75.7
9809029-01A	86.3	58 *	83.2
9809030-01A	88.8	64 *	84.6
9809031-01A	86.8	55.5 *	80
9809031-02A	89.3	70.7	85.1
9809031-02AMS	88.3	66.9 *	84.2
9809031-02AMSD	87.7	63.8 *	83.8
9809031-03A	82.7	40.8 *	78
9809033-01A	83.4	44.6 *	79.4
9809034-01A	89.9	71	85.8
9809034-02A	83.8	61.4 *	82.2
9809034-03A	89.3	76	85.4
9809034-04A	89.3	69.8 *	85.3
9809034-05A	87.6	55.7 *	83.1
9809035-01A	78.8	36.9 *	74.3
9809035-02A	87.3	53.2 *	82.7
CCV1 QC0606/07	88.9	79.5	85.4
CCV2 QC0606/07	88.7	69.6 *	85.4
CCV3 QC0606/07	87.8	63.4 *	84
LCS WATER	89.3	81.8	85.5
MB1	88.3	74.6	84.8

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	70-130
4BCBZ	= 4-Bromochlorobenzene	70-130
FLBZ	= Fluorobenzene	70-130

* Surrogate recovery outside acceptance limits

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

[illegible]

Distribution:	White – On Site	Yellow – LAB	Pink – Sampler	Goldenrod – Client
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657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

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

OFF: (505) 325-5667



LAB: (505) 325-1556

December 15, 1998

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

RE: 2-1359; Conoco

Order No.: 9812022

Dear Larry Trujillo,

On Site Technologies, LTD. received 1 sample on 12/10/98 for the analyses presented in the following report.

The Samples were analyzed for the following tests:
BTEX (SW8020A)

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 be 'David Cox'.

David Cox

OFF: (505) 325-5667



LAB: (505) 325-1556

On Site Technologies, LTD.

Date: 15-Dec-98

CLIENT: On Site Technologies, Limited Partnership

Project: 2-1359; Conoco

Lab Order: 9812022

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: 15-Dec-98

Client:	On Site Technologies, Limited Partnership	Client Sample Info:	San Juan 28-7-47
Work Order:	9812022	Client Sample ID:	Sample 1
Lab ID:	9812022-01A	Matrix:	AQUEOUS
Project:	2-1359; Conoco	Collection Date:	12/9/98 12:55:00 PM
		COC Record:	5623

Parameter	Result	PQL	Qual	Units	DF	Date Analyzed
BTEX		SW8020A				Analyst: HR
Benzene	17	1		µg/L	1	12/10/98
Toluene	33	1		µg/L	1	12/10/98
Ethylbenzene	2.4	1		µg/L	1	12/10/98
m,p-Xylene	4.9	2		µg/L	1	12/10/98
o-Xylene	6.5	1		µg/L	1	12/10/98

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

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

On Site Technologies, LTD.

Date: 15-Dec-98

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9812022
Project: 2-1359; Conoco

QC SUMMARY REPORT
Method Blank

Sample ID: MB1	Batch ID: GC-1_981210	Test Code: SW8020A	Units: µg/L	Analysis Date 12/10/98	Prep Date:
Client ID:	9812022	Run ID: GC-1_981210A		SeqNo: 9432	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Benzene	.0828	1			J
Ethylbenzene	.1496	1			J
m,p-Xylene	.2857	2			J
o-Xylene	.1375	1			J
Toluene	.1456	1			J

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9812022
Project: 2-1359; Conoco

Date: 15-Dec-98

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: 9812007-01AMS		Batch ID: GC-1_981210	Test Code: SW8020A	Units: µg/L	Analysis Date 12/10/98		Prep Date:
Client ID: 9812022		Run ID: GC-1_981210A	PQL	SPK value	SPK Ref Val	SeqNo: 9437	
Analyte	Result					LowLimit	HighLimit
Benzene	177.9	5	200	0		56	128
Ethylbenzene	524.3	5	200	343.4		78	107
m,p-Xylene	880	10	400	522.1		67	118
o-Xylene	258.5	5	200	75.14		78	107
Toluene	218.9	5	200	0		74	116
					%REC		
					89.0%		
					90.4%		
					89.5%		
					91.7%		
					109.5%		
						%RPD	RPDLimit
							Qual

Sample ID: 9812007-01AMS		Batch ID: GC-1_981210	Test Code: SW8020A	Units: µg/L	Analysis Date 12/10/98		Prep Date:
Client ID: 9812022		Run ID: GC-1_981210A	PQL	SPK value	SPK Ref Val	SeqNo: 9439	
Analyte	Result					LowLimit	HighLimit
Benzene	177.8	5	200	0		56	128
Ethylbenzene	523.6	5	200	343.4		78	107
m,p-Xylene	880.5	10	400	522.1		67	118
o-Xylene	255.6	5	200	75.14		78	107
Toluene	219.3	5	200	0		74	116
					%REC		
					88.9%		
					90.1%		
					89.6%		
					90.2%		
					109.7%		
						%RPD	RPDLimit
							Qual

Sample ID: 9812021-02AMS		Batch ID: GC-1_981210	Test Code: SW8020A	Units: µg/L	Analysis Date 12/10/98		Prep Date:
Client ID: 9812022		Run ID: GC-1_981210A	PQL	SPK value	SPK Ref Val	SeqNo: 9438	
Analyte	Result					LowLimit	HighLimit
Benzene	1963	50	2000	110.6		56	128
Ethylbenzene	2410	50	2000	573.1		78	107
m,p-Xylene	7339	100	4000	3782		67	118
o-Xylene	2537	50	2000	675.1		78	107
Toluene	2267	50	2000	374.8		74	116
					%REC		
					92.6%		
					91.8%		
					88.9%		
					93.1%		
					94.6%		
						%RPD	RPDLimit
							Qual

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9812022
Project: 2-1359; Conoco

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID: 9812021-02AMSD		Batch ID: GC-1_981210	Test Code: SW8020A	Units: µg/L	Analysis Date 12/10/98			Prep Date:			
Client ID:		9812022	Run ID: GC-1_981210A		SeqNo: 9440						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1984	50	2000	110.6	93.7%	56	128	1963	1.1%	12	
Ethylbenzene	2434	50	2000	573.1	93.1%	78	107	2410	1.0%	11	
m,p-Xylene	7417	100	4000	3782	90.9%	67	118	7339	1.1%	10	
o-Xylene	2574	50	2000	675.1	95.0%	78	107	2537	1.5%	14	
Toluene	2292	50	2000	374.8	95.9%	74	116	2267	1.1%	14	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 15-Dec-98

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9812022

Project: 2-1359; Conoco

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS WATER	Batch ID: GC-1_981210	Test Code: SW8020A	Units: µg/L	Analysis Date 12/10/98		Prep Date:					
Client ID:	9812022	Run ID: GC-1_981210A		SeqNo: 9436							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	37.64	1	40	0.0828	93.9%	56	128				
Ethylbenzene	37.95	1	40	0.1496	94.5%	78	107				
m,p-Xylene	74.54	2	80	0.2857	92.8%	67	118				
o-Xylene	38.56	1	40	0.1375	96.0%	78	107				
Toluene	37.79	1	40	0.1456	94.1%	74	116				

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9812022
Project: 2-1359; Conoco

Date: 15-Dec-98

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV1 QC0606/07		Batch ID: GC-1_981210		Test Code: SW8020A		Units: µg/L		Analysis Date 12/10/98		Prep Date:	
Client ID:		9812022		Run ID:		GC-1_981210A		SeqNo: 9433			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.57	1	20	0	97.9%	85	115				
Ethylbenzene	19.86	1	20	0	99.3%	85	115				
m,p-Xylene	38.68	2	40	0	96.7%	85	115				
o-Xylene	20.19	1	20	0	100.9%	85	115				
Toluene	19.7	1	20	0	98.5%	85	115				
1,4-Difluorobenzene	90.06	0	100	0	90.1%	70	130				
4-Bromochlorobenzene	96.84	0	100	0	96.8%	70	130				
Fluorobenzene	88.7	0	100	0	88.7%	70	130				

Sample ID: CCV2 QC0606/07		Batch ID: GC-1_981210		Test Code: SW8020A		Units: µg/L		Analysis Date 12/10/98		Prep Date:	
Client ID:		9812022		Run ID:		GC-1_981210A		SeqNo: 9434			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.58	1	20	0	97.9%	85	115				
Ethylbenzene	19.78	1	20	0	98.9%	85	115				
m,p-Xylene	38.52	2	40	0	96.3%	85	115				
o-Xylene	20.04	1	20	0	100.2%	85	115				
Toluene	19.63	1	20	0	98.2%	85	115				
1,4-Difluorobenzene	90.13	0	100	0	90.1%	70	130				
4-Bromochlorobenzene	95.97	0	100	0	96.0%	70	130				
Fluorobenzene	89.03	0	100	0	89.0%	70	130				

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: On Site Technologies, Limited Partnership

Work Order: 9812022

Project: 2-1359; Conoco

QC SUMMARY REPORT

Continuing Calibration Verification Standard

Sample ID: CCV3 QC0606/07		Batch ID: GC-1_981210		Test Code: SW8020A		Units: µg/L		Analysis Date 12/10/98		Prep Date:	
Client ID:		9812022		Run ID: GC-1_981210A				SeqNo: 9435			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	38.69	1	40	0	96.7%	85	115				
Ethylbenzene	39.06	1	40	0	97.6%	85	115				
m,p-Xylene	76.76	2	80	0	95.9%	85	115				
o-Xylene	39.63	1	40	0	99.1%	85	115				
Toluene	39.05	1	40	0	97.6%	85	115				
1,4-Difluorobenzene	90.34	0	100	0	90.3%	70	130				
4-Bromochlorobenzene	97.62	0	100	0	97.6%	70	130				
Fluorobenzene	89.28	0	100	0	89.3%	70	130				

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

On Site Technologies, LTD.

Date: 15-Dec-98

CLIENT: On Site Technologies, Limited Partnership
Work Order: 9812022
Project: 2-1359; Conoco
Test No: SW8020A

QC SUMMARY REPORT SURROGATE RECOVERIES

BTEX

Sample ID	14FBZ	4BCBZ	FLBZ
9812007-01A	87.6	92.4	90.6
9812007-01AMS	83.9	92.9	84.5
9812007-01AMSD	83.9	93.2	84.8
9812008-01A	89.7	96.8	88.6
9812008-02A	90.9	97	90.1
9812008-03A	89.2	95.3	88.2
9812009-01A	88	97	88
9812009-02A	93.9	89.8	87.4
9812020-01A	90.2	97.4	89.2
9812020-02A	90.2	95.7	185 *
9812021-02AMS	89.8	96.7	89.2
9812021-02AMSD	90.2	96.6	89.1
9812021-03A	93.4	98	93.3
9812021-04A	89.2	97.2	88.7
9812021-05A	89.9	96.2	89
9812022-01A	89.4	95.6	88
9812023-01A	89.2	97	88.6
CCV1 QC0606/07	90.1	96.8	88.7
CCV2 QC0606/07	90.1	96	89
CCV3 QC0606/07	90.3	97.6	89.3
LCS WATER	89.7	96.8	88.7
MB1	90.4	95.9	89.1

Acronym	Surrogate	QC Limits
14FBZ	= 1,4-Difluorobenzene	70-130
4BCBZ	= 4-Bromochlorobenzene	70-130
FLBZ	= Fluorobenzene	70-130

* Surrogate recovery outside acceptance limits

TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Date:

[illegible]

2005

ON SITE

TECHNOLOGIES, LTD.

657 W. Maple • P. O. Box 2606 • Farmington NM 87499
LAB: (505) 325-5667 • FAX: (505) 325-6256

Page _____ of _____

Purchase Order No.:		Job No.		Name		Title	
SEND INVOICE TO		Name		Company		Company	
Address		Address		Mailing Address		Mailing Address	
City, State, Zip		City, State, Zip		City, State, Zip		City, State, Zip	
Telephone No.		Telephone No.		Telephone No.		Telephone No.	
Sampling Location:		Sampling Location:		Sampling Location:		Sampling Location:	
Sampler:		Sampler:		Sampler:		Sampler:	
SAMPLE IDENTIFICATION		SAMPLE IDENTIFICATION		SAMPLE IDENTIFICATION		SAMPLE IDENTIFICATION	
DATE		DATE		DATE		DATE	
TIME		TIME		TIME		TIME	
MATRIX		MATRIX		MATRIX		MATRIX	
PRES.		PRES.		PRES.		PRES.	
RESULTS TO		RESULTS TO		RESULTS TO		RESULTS TO	
Number of Containers		Number of Containers		Number of Containers		Number of Containers	
ANALYSIS REQUESTED		ANALYSIS REQUESTED		ANALYSIS REQUESTED		ANALYSIS REQUESTED	
LAB ID		LAB ID		LAB ID		LAB ID	
Received by:		Received by:		Received by:		Received by:	
Date/Time		Date/Time		Date/Time		Date/Time	
Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:	
Date/Time		Date/Time		Date/Time		Date/Time	
Relinquished by:		Relinquished by:		Relinquished by:		Relinquished by:	
Date/Time		Date/Time		Date/Time		Date/Time	
Method of Shipment:		Method of Shipment:		Method of Shipment:		Method of Shipment:	
Authorized by:		Authorized by:		Authorized by:		Authorized by:	
Date		Date		Date		Date	
(Client Signature Must Accompany Request)		(Client Signature Must Accompany Request)		(Client Signature Must Accompany Request)		(Client Signature Must Accompany Request)	

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