3R - 98

REPORTS

DATE:

FEB. 1998

ON SITE
TECHNOLOGIES, LTD.

February 1, 1998

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

RE: 1997 Annual Ground Water Report
Conoco Location: Shephard & Kelsey #1E
Unit D, Sec. 29, T29N, R11W, 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 1997, 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 1997 ACTIVITIES:

During February, 1997, hydrocarbon contaminated soils were excavated from two areas at the Shephard and Kelsey #1E location, near a former produced water storage tank that had leaked and in the area of a former covered unlined production pit. Refer to the attached site map.

The produced water tank excavation involved an area of approximately 2,325 square feet, and ranged in depth from two (2) to six (6) feet below the ground surface. Approximately 180 cubic yards of soil were removed for offsite disposal and treatment. No ground water was encountered in the excavation. A monitoring well was located in the excavation and advanced to eleven feet. A ground water sample collected in March 1997, from this monitoring well indicated no impact from hydrocarbons and the site was recommended for closure.

The production pit excavation involved an area of approximately 220 square feet and to a depth of 4.5 feet below the ground surface. Approximately 30 cubic yards of contaminated soil were removed for offsite disposal and treatment. Shallow ground water was encountered in the excavation. A monitoring well was placed in the excavation prior to backfilling. A ground water sample collected in March 1997, from this monitoring well indicated residual BTEX contamination. Two additional monitoring wells were installed in August 1997, and a ground water monitoring program initiated for this site. At this time, it is anticipated that ground water quality will improve by natural attenuation, since the main source of contamination has been removed. For the calendar year 1997, three monitoring events have been completed, in March, August and December 1997. Results of the soil excavation efforts and initial ground water sampling were previously documented in the following correspondence:

On Site Technologies, Ltd., April 16, 1997. letter to Mr. W. L. Brignon, Senior Council Conoco, Inc. Midland Division, regarding: *Former Production Pit Assessment and Remediation, Conoco Location, Shephard & Kelsey #1E, Unit D, Sec. 29, T29N, R11W, NMPM, San Juan Co., NM.*

On Site Technologies, Ltd., April 28, 1997. letter to Mr. W. L. Brignon, Senior Council Conoco, Inc. Midland Division, regarding: *Former Production Tank Leak, Assessment and Remediation, Conoco Location, Shephard & Kelsey #1E, Unit D, Sec. 29, T29N, R11W, NMPM, San Juan Co., NM.*

PO Box 2606
Farmington, NM
505-325-5667 FAX: 505-327-1496

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. 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. Table 3 summarizes the laboratory results for RCRA metals and API water quality testing, as required by NMOCD.

Copies of all laboratory reports for the calendar year 1997, along with all laboratory QA/QC documentation and chain-of-custody, are attached with this report.

SUMMARY AND CONCLUSIONS:

The following conclusions are based on the 1997 ground water monitoring results and trends associated with a former production pit at the Shephard and Kelsey #1E well location:

1. Except for contamination from BTEX constituents, there appears to have been no significant hydrocarbon impact to ground water above the New Mexico Water Quality Control Commission (NMWQCC) standards. The BTEX contamination appears to be limited to the immediate area of the former pit.
2. API water analysis indicates high TDS (i.e., 6,929 mg/L) with high sulfate and chloride concentrations. This water quality is typical for shallow ground water at similar sites along the San Juan River and is not suspected to have been a result of the ongoing oil and gas production at the site.
3. BTEX contamination of ground water has declined for all constituents and has been below NMWQCC standards for the last two sample events (i.e., August and December 1997). If BTEX contamination remains below standards for two (2) more quarters, the site should be considered closed and no further remedial actions will need to be taken.
4. The ground water during 1997 fluctuated seasonally with changes in irrigation and flow in the San Juan River. The ground water surface is relatively flat with a gradient of 0.029 to 0.019 feet/foot to the South-southeast. Refer to the Ground Water Potentiometric Maps attached.

Recommendations

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 following 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,

Larry Trujillo
Project Manager

Reviewed by:

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
Table 3: Other Constituents Analytical Summary
Figure 1: Site Sketch
Figure 2: Ground Water Potentiometric Map (August, 1997)
Figure 3: Ground Water Potentiometric Map (December, 1997)
Boring Logs and Monitoring Well Diagrams
Laboratory Results, QA/QC, Chain of Custody

Acknowledgment:
CONOCO, Inc.

Shirley L. Ebert Sheate Specialist
(Name/Title)

2/19/98
(Date)

MKL/mkl: 41429-97.doc

On Site Technologies
Table 1
Ground Water Level Summary
Shephard & Kelsey #1E
Unit D, Sec. 29, T29N, R11W

Well Number	Top of Casing elevation (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	99.957	6.10		1.10 to 6.10 ft	8/20/97	3.51	96.447
					12/30/97	3.96	95.997
MW #2	100.758	10.00 ft.		5.0 to 10.0 ft	8/20/97	5.61	95.148
					12/30/97	5.81	94.948
MW #3	100.867	10.00		5.0 to 10.0 ft	8/20/97	5.86	95.007
					12/30/97	5.75	95.117

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

On Site Technologies
Table 2
BTEX Analytical Summary
Shephard & Kelsey #1E
Unit D, Sec. 29, T29N, R11W

Sample Date	Sample ID#	Monitor Well	Remarks	BTEX per EPA 8020 (ppb)				
				Benzene	Toluene	Ethylbenzene	Total Xylene	Total BTEX
03/20/97	13999	Sep.Pit MW	On Site Lab.	50.3	10.2	6.3	43.9	110.7
08/19/97	15825	MW-1		7.8	BDL	BDL	0.2	8.0
12/30/97	17247			1.6	BDL	BDL	0.2	1.8
08/20/97	15830	MW-2	On Site Lab.	BDL	BDL	BDL	BDL	BDL
12/30/97	17248			BDL	BDL	BDL	BDL	BDL
08/20/97	15381	MW-3	On Site Lab.	BDL	BDL	BDL	BDL	BDL
12/30/97	17249			BDL	BDL	BDL	BDL	BDL

BDL Below Detection Levels

On Site Technologies
Table 3
Other Constituent Analytical Summary
Shephard & Kelsey #1E
Unit D, Sec. 29, T29N, R11W

API Results

CATIONs						ANIONs				
PARAMETER		RESULTS	UNIT of MEASURE	WQCC Standards	UNIT OF MEASURE	PARAMETER		RESULTS	UNIT OF MEASURE	WQCC Standards	UNIT OF MEASURE
Sodium	Na	1625	mg/L			Chloride	Cl	1696	mg/L	250.0	mg/L
Calcium	Ca	439	mg/L			Sulfate	SO_4	2828	mg/L	600.0	mg/L
Magnesium	Mg	91	mg/L			Carbonate	CO_3	<1	mg/L		
Potassium	K	23	mg/L			Bicarbonate	HCO_3	227	mg/L		
						Hydroxide	HO	<1	mg/L		
						Sulfide	S_2	NA	mg/L		
						Iron	Fe	0.1	mg/L	1.0	mg/L
						Total Dissolved Solids		6929	mg/L	1000.0	mg/L
						Total Naphthalene		<0.03	mg/l	0.03	mg/l
						benzo-a-pyrene		<0.0007	mg/L	0.0007	mg/L
						pH		7.27		between 6 and 9	
						Resistivity		1.0718		ohm-m	
						Specific Gravity		1.0061			
						Total hardness of $CaCO_3$		1471		mg/L	

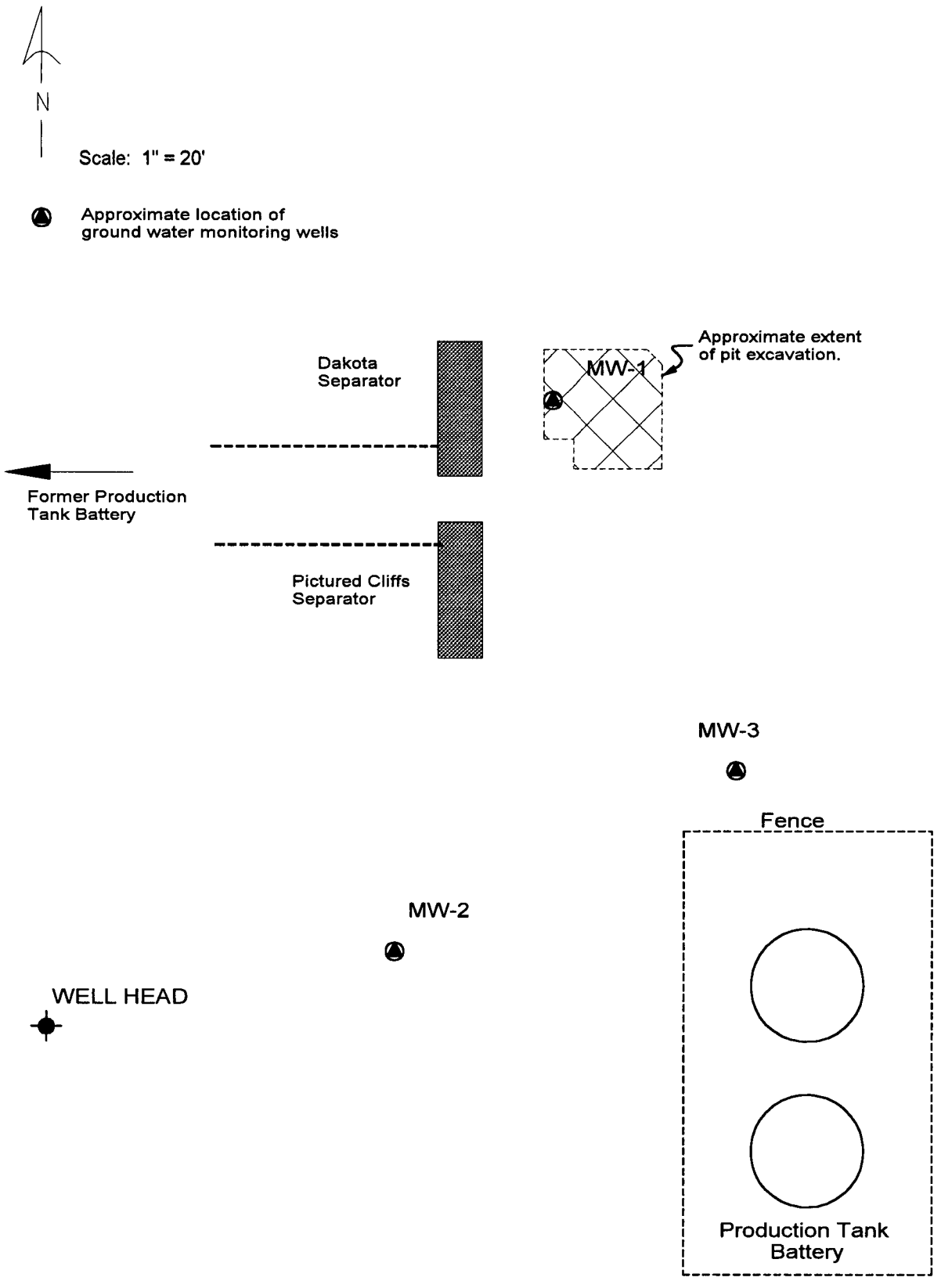
Sample Date: August 20, 1997

Cation-Anion Balance

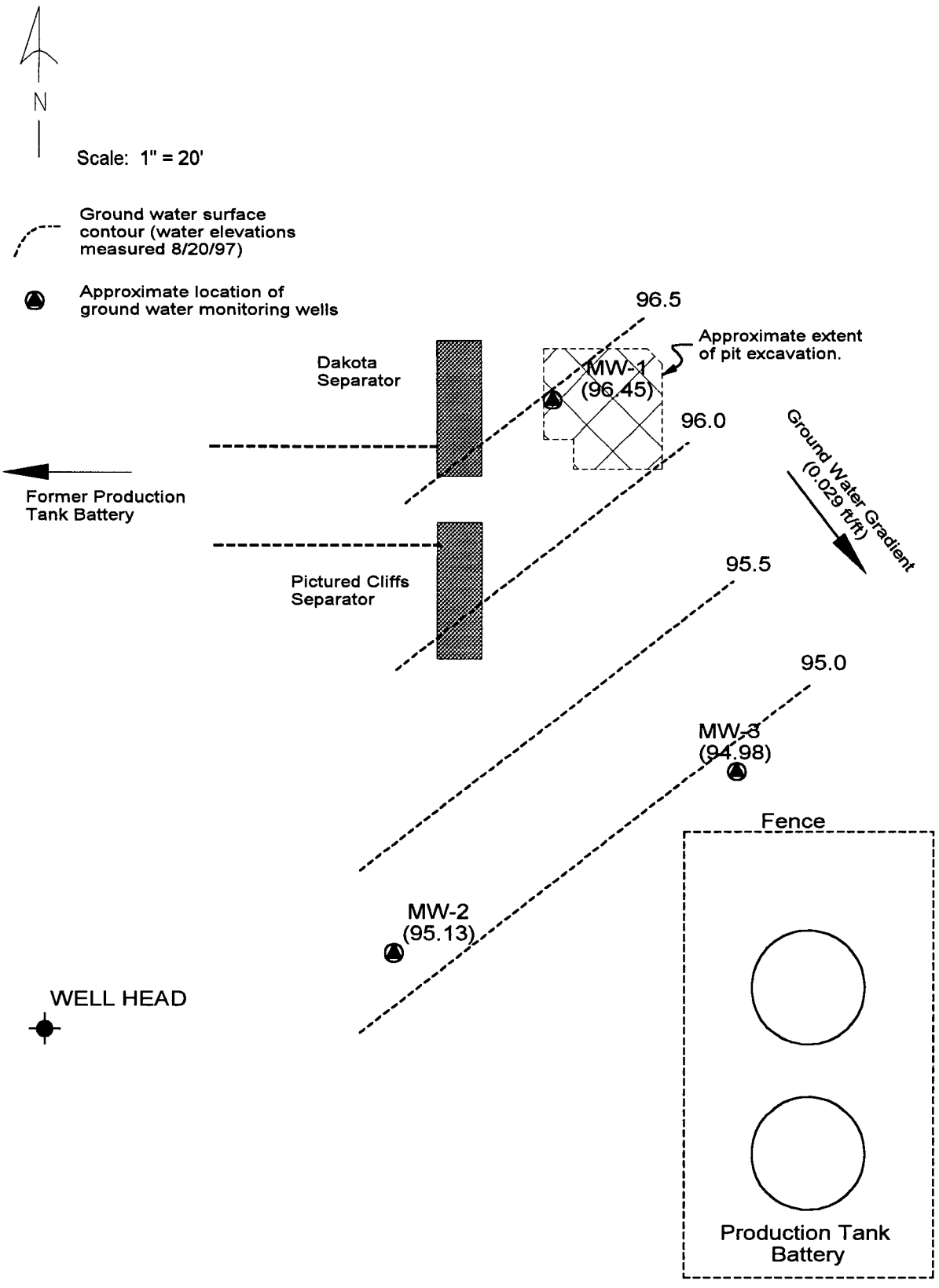
Difference Cation-Anion	4.6 %
Difference Cation-Anion me/L	9.78
Total Cation-Anion me/L	211.09

RCRA Metals
Test Method SW-846

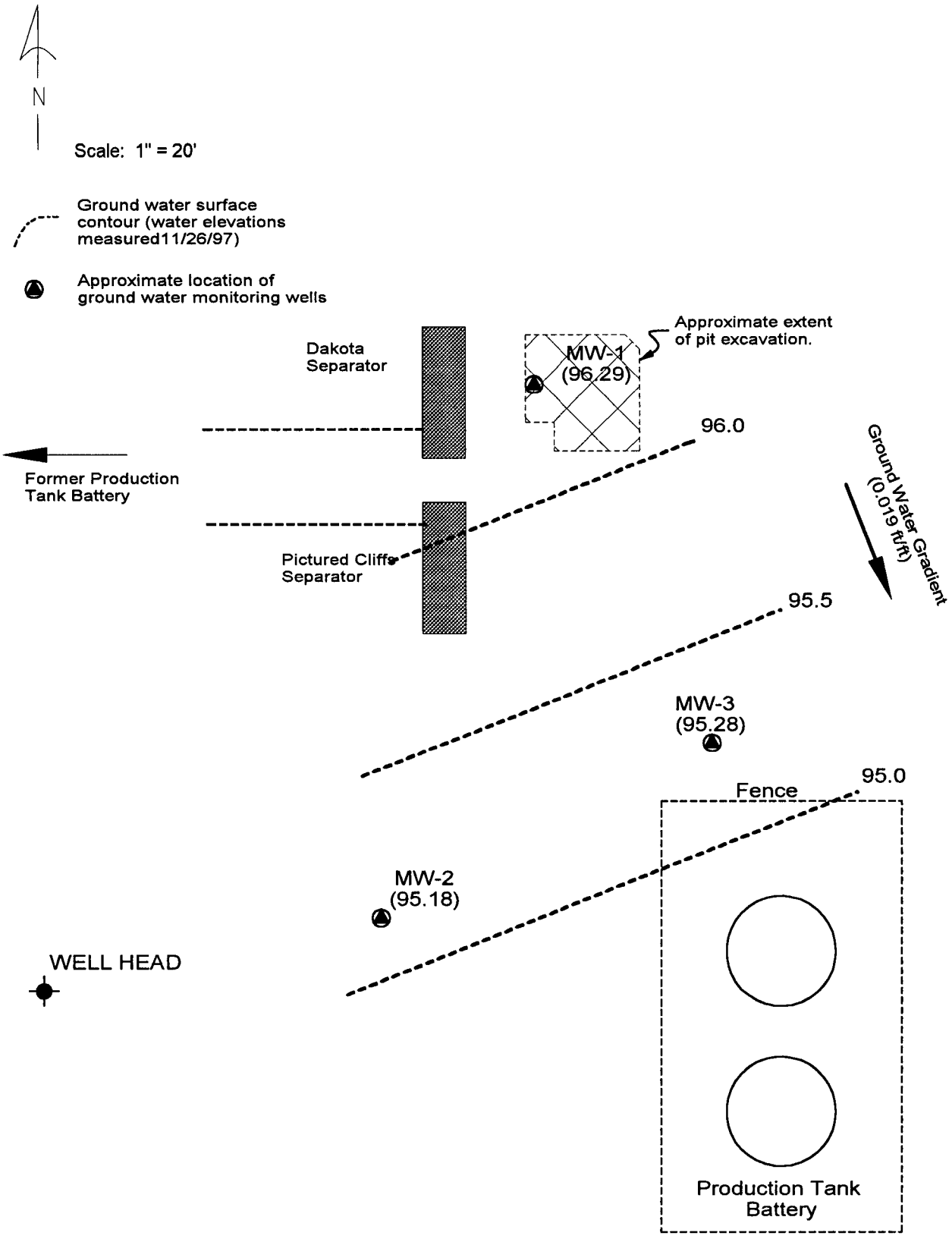
PARAMETER	RESULTS	UNITS	WQCC	UNITS
Mercury by CVAA	<0.0005	mg/L	0.002	mg/L
Arsenic by ICP	<0.15	mg/L	0.1	mg/L
Barium by ICP	0.60	mg/L	1.0	mg/L
Cadmium by ICP	<0.020	mg/L	0.01	mg/L
Chromium by ICP	<0.050	mg/L	0.05	mg/L
Lead by ICP	<0.20	mg/L	0.05	mg/L
Selenium by ICP	<0.35	mg/L	0.05	mg/L
Silver by ICP	<0.030	mg/L	0.05	mg/L



SHEPHARD & KELSEY #1E NE/NE, Sec. 29, T29W, R11W SAN JUAN BASIN, NM		Site Sketch	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-5667
		DRWN: 01-08-98	
PROJECT NO: 4-1303-5		DRWN BY: MKL	
FIGURE: 1	FILE: 41303F1.CAD	PROJECT: Pit Reclamation	



SHEPHARD & KELSEY #1E NE/NE, Sec. 29, T29W, R11W SAN JUAN BASIN, NM		Ground Water Potentiometric Map August, 1997	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-5667
		DRWN: 01-08-98	
PROJECT NO: 4-1303-5		DRWN BY: MKL	
FIGURE: 2	FILE: 41303F2.CAD	PROJECT: Pit Reclamation	



SHEPHARD & KELSEY #1E NE/NE, Sec. 29, T29W, R11W SAN JUAN BASIN, NM		Ground Water Potentiometric Map November, 1997	ON SITE TECHNOLOGIES, LTD. P.O. BOX 2606, FARMINGTON, NM 87499 (505) 325-5667
		DRWN: 01-08-98	
PROJECT NO: 4-1303-5		DRWN BY: MKL	
FIGURE: 3	FILE: 41303F2.CAD	PROJECT: Pit Reclamation	

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	6-Jan-98
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6787*
Address:	*612 E. Murray Drive*	Sample No.:	*17247*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***MW #1***				
Sampled by:	LT	Date:	30-Dec-98	Time:	8:45
Analyzed by:	DC	Date:	5-Jan-98		
Sample Matrix:	*Liquid*				

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	1.6	ug/L	0.2	ug/L
Toluene	ND	ug/L	0.2	ug/L
Ethylbenzene	ND	ug/L	0.2	ug/L
m,p-Xylene	0.2	ug/L	0.2	ug/L
o-Xylene	ND	ug/L	0.2	ug/L
TOTAL	1.8	ug/L		

ND - Not Detected at Limit of Quantitation

Method - *SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography*

Approved By:

Date: 1/6/98

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	6-Jan-98
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6787*
Address:	*612 E. Murray Drive*	Sample No.:	*17248*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***MW #2***				
Sampled by:	LT	Date:	30-Dec-98	Time:	8:07
Analyzed by:	DC	Date:	5-Jan-98		
Sample Matrix:	*Liquid*				

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	ND	ug/L	0.2	ug/L
Toluene	ND	ug/L	0.2	ug/L
Ethylbenzene	ND	ug/L	0.2	ug/L
m,p-Xylene	ND	ug/L	0.2	ug/L
o-Xylene	ND	ug/L	0.2	ug/L
TOTAL	ND	ug/L		

ND - Not Detected at Limit of Quantitation

Method - *SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 1/6/98

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	6-Jan-98
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6787*
Address:	*612 E. Murray Drive*	Sample No.:	*17249*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***MW #3***				
Sampled by:	LT	Date:	30-Dec-98	Time:	8:19
Analyzed by:	DC	Date:	5-Jan-98		
Sample Matrix:	*Liquid*				

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	ND	ug/L	0.2	ug/L
Toluene	ND	ug/L	0.2	ug/L
Ethylbenzene	ND	ug/L	0.2	ug/L
m,p-Xylene	ND	ug/L	0.2	ug/L
o-Xylene	ND	ug/L	0.2	ug/L
TOTAL	ND	ug/L		

ND - Not Detected at Limit of Quantitation

Method - *SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 1/6/98

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 5-Jan-98

Internal QC No.: 0559-STD
Surrogate QC No.: 0567-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Parameter	*Result*	*Unit of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	*Unit of Measure*	*True Value*	*Analyzed Value*	*RPD*	*Limit*
Benzene	ppb	20.0	20.2	1	15%
Toluene	ppb	20.0	21.1	5	15%
Ethylbenzene	ppb	20.0	21.3	6	15%
m,p-Xylene	ppb	40.0	41.1	3	15%
o-Xylene	ppb	20.0	21.1	5	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*RPD*	*Limit*
Benzene	93	84	(39-150)	5	20%
Toluene	96	90	(46-148)	5	20%
Ethylbenzene	98	92	(32-160)	5	20%
m,p-Xylene	94	88	(35-145)	6	20%
o-Xylene	96	91	(35-145)	5	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovered	(70-130)		*Limit Percent Recovered*	(70-130)	
17247-6787	96				
17248-6787	96				
17249-6787	96				
				DMC	QC
				1/6/98	1/6/98

S1: *Flourobenzene*

CHAIN OF CUSTODY RECORD

6787

ON SITE TECHNOLOGIES, LTD.

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

Date: 12-30-97

Page 1 of 1

Purchase Order No.:	Job No. 1-1303-5		
SEND INVOICE TO: Name	Lacey Trujillo	REPORT RESULTS TO: Name	Lacey Trujillo / Title
Company	Conoco / Dept.	Company	Conoco
Address		Mailing Address	
City, State, Zip		City, State, Zip	
		Telephone No. / Telefax No.	
Sampling Location:	Shipyard & Kelly 1E		
Sampler:	Lacey Trujillo		

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX	LAB ID
MW#1	12/30/97	0815	H_2O	HCl	2	✓	A7247-AE7
MW#2	12/30/97	0807	H_2O	HCl	2	✓	A7248-
MW#3	12/30/97	0819	H_2O	HCl	2	✓	A7247-

ANALYSIS REQUESTED

Relinquished by: Lacey Trujillo	Date/Time 12/30/97/1026	Received by:	Date/Time 12/30/97 1026
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

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

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	28-Aug-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6709*
Address:	*612 E. Murray Drive*	Sample No.:	*15830*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***S&K 1E; MW-2***				
Sampled by:	LT	Date:	20-Aug-97	Time:	11:50
Analyzed by:	DC	Date:	25-Aug-97		
Sample Matrix:	*Liquid*				

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	ND	ug/L	0.2	ug/L
Toluene	ND	ug/L	0.2	ug/L
Ethylbenzene	ND	ug/L	0.2	ug/L
m,p-Xylene	ND	ug/L	0.2	ug/L
o-Xylene	ND	ug/L	0.2	ug/L
TOTAL	ND	ug/L		

ND - Not Detected at Limit of Quantitation

Method - *SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 8/28/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	28-Aug-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6709*
Address:	*612 E. Murray Drive*	Sample No.:	*15831*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***S&K 1E; MW-3***				
Sampled by:	LT	Date:	20-Aug-97	Time:	11:51
Analyzed by:	DC	Date:	25-Aug-97		
Sample Matrix:	*Liquid*				

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	ND	ug/L	0.2	ug/L
Toluene	ND	ug/L	0.2	ug/L
Ethylbenzene	ND	ug/L	0.2	ug/L
m,p-Xylene	ND	ug/L	0.2	ug/L
o-Xylene	ND	ug/L	0.2	ug/L
TOTAL	ND	ug/L		

ND - Not Detected at Limit of Quantitation

Method - *SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography*

Approved By:
Date: 8/28/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 25-Aug-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Parameter	*Result*	*Unit of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	*Unit of Measure*	*True Value*	*Analyzed Value*	*RPD*	*Limit*
Benzene	ppb	20.0	19.5	3	15%
Toluene	ppb	20.0	20.4	2	15%
Ethylbenzene	ppb	20.0	20.7	3	15%
m,p-Xylene	ppb	40.0	39.5	1	15%
o-Xylene	ppb	20.0	20.5	2	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*RPD*	*Limit*
Benzene	98	89	(39-150)	3	20%
Toluene	99	97	(46-148)	2	20%
Ethylbenzene	99	96	(32-160)	3	20%
m,p-Xylene	96	94	(35-145)	3	20%
o-Xylene	98	96	(35-145)	2	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovered	(70-130)		*Limit Percent Recovered*	(70-130)	
15830-6709	96				
15831-6709	96				
				8/29/97	8/28/97

S1: *Flourobenzene*

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

API WATER ANALYSIS

Attn:	*Larry Trujillo*	Date:	4-Sep-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	*COC No.:*	*6709*
Address:	*612 E. Murray Drive*	*Sample ID:*	*15828*
City, State:	*Farmington, NM 87401*	*Job No.:*	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***S&K 1E; MW-1***				
Sampled by:	LT/ML	Date:	20-Aug-97	Time:	11:30
Analyzed by:	HR	Date:	3-Sep-97		

API RP-45 Laboratory Analysis

Parameter		*Result*	*Unit of Measure*		*Result*	*Unit of Measure*	
Cations							
Sodium	*Na*	1625	mg/L		70.68	me/L	
Calcium	*Ca*	439	mg/L		21.91	me/L	
Magnesium	*Mg*	91	mg/L		7.49	me/L	
Potassium	*K*	23	mg/L		0.58	me/L	
Anions							
Chloride	*Cl*	1696	mg/L		47.84	me/L	
Sulfate	*SO4*	2828	mg/L		58.88	me/L	
Carbonate	*CO3*	<1	mg/L		<0.01	me/L	
Bicarbonate	*HCO3*	227	mg/L		3.72	me/L	
Hydroxide	*OH*	<1	mg/L		<0.01	me/L	
Sulfide	*S2*	NA	mg/L		NA	me/L	
Iron	*Fe*	0.1	mg/L		<0.01	me/L	
Total Dissolved Solids Calculated, Sum of Cation/Anion		6929	mg/L				
pH		7.27					
Resistivity		1.0718	ohm-m				
Specific Gravity		1.0061					
Total Hardness as CaCO3		1471	mg/L				

Cation-Anion Balance

9.78 *Difference Cation-Anion, me/L*

211.09 *Total Cation-Anion, me/L*

4.6 *% Difference Cation-Anion*

Comments

NA: *Not Analyzed*

Approved by:

Date: 9/4/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

API RP-45 Water Analysis

Date: 3-Sep-97

Quality Control Sample

Parameter	*Laboratory Identification*	*True Value*	*Analyzed Value*	*Unit of Measure*	*% Diff*	*Limit % Diff*
Sodium, Na	0451-QC	2.32	2.31	mg/L	0	10
Calcium, Ca	0465-QC	2.18	2.22	mg/L	2	10
Magnesium, Mg	0465-QC	1.14	1.23	mg/L	8	10
Potassium, K	0451-QC	1.33	1.34	mg/L	1	10
Chloride, Cl	0437-QC	200	207	mg/L	4	10
Sulfate, SO4	0541-QC	78	81	mg/L	4	10
Alkalinity	0541-QC	159	167	mg/L	5	10
Iron, Fe	0495-QC	2.00	2.03	mg/L	1	10
pH	0541-QC	9.13	9.29		2	10
Conductivity	0541-QC	740	735	uS/cm	-1	15

Matrix Spike

Parameter	*Laboratory Identification*	*Analyzed Value*	*Matrix Spike*	*Spike Value*	*Unit of Measure*	*Spike Recovery*
Sodium, Na	15843-5650	1.40	0.50	1.93	mg/L	102%
Calcium, Ca	15843-5650	1.86	0.50	2.50	mg/L	106%
Magnesium, Mg	15853-5652	0.81	0.50	1.36	mg/L	104%
Potassium, K	15853-5652	1.46	0.50	2.00	mg/L	102%
Iron, Fe	15835-6708	0.98	0.50	1.51	mg/L	102%

Method Blank

Parameter	*Laboratory Identification*	*Analyzed Value*	*Unit of Measure*
Sodium, Na	LF-Blank	<0.2	mg/L
Calcium, Ca	LF-Blank	<0.05	mg/L
Magnesium, Mg	LF-Blank	<0.05	mg/L
Potassium, K	LF-Blank	<0.05	mg/L
Iron, Fe	LF-Blank	<0.05	mg/L
Chloride, Cl	LF-Blank	<3 X DL	mg/L
Sulfate, SO4	LF-Blank	<1	mg/L
Sulfide, SO2	LF-Blank	NA	mg/L
Conductivity	LF-Blank	<2	uS/cm

9/4/97 9/4/97

Mountain States Analytical, Inc.

September 10, 1997

Mr. David Cox
On Site Technologies, Ltd.
612 E Murray Drive
Farmington, NM 87401

Reference:
Project: Shepard & Kelsey IE
MSAI Group: 17567

Dear Mr. Cox:

Enclosed are the analytical results for your project referenced above. The following sample is included in the report.

15827-6716

All holding times were met for the tests performed on these samples.

If the report is acceptable, please approve the enclosed invoice and forward it for payment.

Thank you for selecting Mountain States Analytical, Inc. to serve as your analytical laboratory on this project. If you have any questions concerning these results, please feel free to contact me at any time.

We look forward to working with you on future projects.

With Regards,

Rolf E. Larsen
Project Manager

Analytical Report

RECEIVED SEP 15 1997

Mountain States Analytical, Inc.
The Quality Solution

On Site Technologies, Ltd.
612 E Murray Drive
Farmington, NM 87401

Attn: Mr. David Cox
Project: Shepard & Kelsey IE

Sample ID: 15827-6716
Matrix: Waste Water

MSAI Sample: 67370
MSAI Group: 17567
Date Reported: 09/10/97
Discard Date: 10/10/97
Date Submitted: 08/22/97
Date Sampled: 08/20/97
Collected by:
Purchase Order: 6709
Project No.:

Test	Analysis	Results as Received	Units	Limit of Quantitation
0259B	Mercury by CVAA, w/ww, 7470 Method: SW-846 7470	ND	mg/l	0.0005
0392I	Flame/ICP Prep, w/ww, 3005A Method: SW-846 3005A	Complete		
0392M	Mercury Prep CVAA, w/ww, 7470 Method: SW-846 7470	Complete		
7245	Arsenic by ICP, w/ww, 6010A Method: SW-846 6010A	ND	mg/l	0.15
7246	Barium by ICP, w/ww, 6010A Method: SW-846 6010A	0.60	mg/l	0.02
7249	Cadmium by ICP, w/ww, 6010A Method: SW-846 6010A	ND	mg/l	0.020
7251	Chromium by ICP, w/ww, 6010A Method: SW-846 6010A	ND	mg/l	0.050
7255	Lead by ICP, w/ww, 6010A Method: SW-846 6010A	ND	mg/l	0.20
7264	Selenium by ICP, w/ww, 6010A Method: SW-846 6010A	ND	mg/l	0.35
7266	Silver by ICP, w/ww, 6010A Method: SW-846 6010A	ND	mg/l	0.030

Mountain States Analytical, Inc.
The Quality Solution

On Site Technologies, Ltd.

MSAI Sample: 67370
MSAI Group: 17567

Sample ID: 15827-6716

ND - Not detected at the limit of quantitation

This report consists of the following items: A cover letter, a signed analytical report for each sample specified on the cover letter, and if applicable, an inorganic quality control summary. Organic sample reports contain footnotes which describe any quality control anomalies which may have occurred.

Respectfully Submitted,
Reviewed and Approved by:

Rolf E. Larsen
Project Manager

Mountain States Analytical, Inc.
Daily QC Batching Data
Data Released for Reporting

09/09/97
18:12:53
Group: 17567

ok
09/09/97

Analysis Batch Number: 0259B-09/03/97-107 -1
Test Identification : 0259B-Mercury by CVAA, w/ww, 7470 Sequence : 0259B-1
Number of Samples : 14
Batch Data-Date/Time : 09/04/97 / 07:43:31

BLANK#	ANALYTE	CONC FOUND #	CONC LIMIT
PBW1-583	Mercury	-0.0700	0.1000
PBW2-583-2	Mercury	-0.0600	0.1000

SPIKE

SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	CONC SPIKE	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
17589-67415	Mercury	1.0000	-0.0500	0.9900	104.0	80.0	120.0

MSD

SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	RESULT 2	%REC2 #	QC LIMITS LOWER	QC LIMITS UPPER	RPD #	LIMIT
17589-67416	Mercury	1.0000	-0.0500	0.9600	101.0	80.0	120.0	3.1	20.0

DUPLICATE

SAMPLE#	ANALYTE	RESULT 1	RESULT 2	RPD #	LIMIT	DILUTION
17589-67414	Mercury	-0.0500	-0.0800	46.2(11)	20.0	1.00

CONTROL

SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
LCSW-	Mercury	2.4200	2.5000	96.8	80.0	120.0

CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
ICV-	Mercury	3.0000	2.9500	98.3	80.0	120.0
CCV--2	Mercury	5.0000	4.9600	99.2	80.0	120.0
CCV--3	Mercury	5.0000	4.9800	99.6	80.0	120.0
CCV--4	Mercury	5.0000	4.9300	98.6	80.0	120.0

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
ICB-	Mercury	-0.0400	0.1000
CCB-	Mercury	-0.0300	0.1000
CCB-	Mercury	0.0300	0.1000
CCB-	Mercury	ND	0.1000

---------- Result Footnotes ----------
(11) - Both Duplicate results are less than the MDL.

Groups & Samples

17488-67100 17490-67108 17538-67299 17549-67332 17565-67368 17566-67369 17567-67370 17569-67372
17569-67373 17570-67374 17570-67375 17589-67414 17589-67415 17589-67416 17589-67417 17589-67418

Mountain States Analytical, Inc.
Daily QC Batching Data
Data Released for Reporting

09/09/97
18:13:01
Group: 17567

09/09/97

Analysis Batch Number: ICPWA-09/06/97-118 -2
Test Identification : ICPWA-*Metals by ICP
Number of Samples : 14
Batch Data-Date/Time : 09/08/97 / 16:10:21

Sequence : DATD249

BLANK#	ANALYTE	CONC FOUND #	CONC LIMIT
PBW1-569	Silver	0.0010	0.0060
	Aluminum	0.0064	0.0500
	Arsenic	ND	0.0300
	Barium	0.0004	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	0.0066	0.2000
	Sodium	0.0471	0.2000
	Lead	0.0069	0.0400
	Selenium	ND	0.0700
	Zinc	0.0039	0.0300
PBW2-569-2	Silver	0.0022	0.0060
	Aluminum	ND	0.0500
	Arsenic	0.0027	0.0300
	Barium	0.0005	0.0030
	Cadmium	0.0004	0.0040
	Chromium	ND	0.0100
	Iron	0.0094	0.2000
	Sodium	0.0465	0.2000
	Lead	0.0013	0.0400
	Selenium	ND	0.0700
	Zinc	0.0086	0.0300

SPIKE

SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	CONC SPIKE	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
17589-67415	Silver	0.0500	-0.0030	0.0504	106.8	80.0	120.0
	Aluminum	2.0000	-0.0103	2.0439	102.7	80.0	120.0
	Arsenic	2.0000	0.0090	2.0429	101.7	80.0	120.0
	Barium	2.0000	0.1444	2.1168	98.6	80.0	120.0
	Cadmium	0.0500	-0.0021	0.0513	106.8	80.0	120.0
	Chromium	0.2000	-0.0037	0.2027	103.2	80.0	120.0
	Iron	1.0000	0.1685	1.0142	84.6	80.0	120.0
	Sodium	3.0000	43.3325	45.1625	61.0(2a)	80.0	120.0
	Lead	0.5000	-0.0269	0.4845	102.3	80.0	120.0
	Selenium	2.0000	-0.0596	1.9558	100.8	80.0	120.0
	Zinc	0.5000	0.0273	0.5295	100.4	80.0	120.0

MSD

SAMPLE#	ANALYTE	CONC ADDED	CONC SAMPLE	RESULT 2	%REC2 #	QC LIMITS LOWER	QC LIMITS UPPER	RPD #	LIMIT
17589-67416	Silver	0.0500	-0.0030	0.0506	107.2	80.0	120.0	0.4	20.0
	Aluminum	2.0000	-0.0103	2.0427	102.7	80.0	120.0	0.1	20.0
	Arsenic	2.0000	0.0090	2.0192	100.5	80.0	120.0	1.2	20.0
	Barium	2.0000	0.1444	2.1286	99.2	80.0	120.0	0.6	20.0
	Cadmium	0.0500	-0.0021	0.0494	103.0	80.0	120.0	3.8	20.0
	Chromium	0.2000	-0.0037	0.2038	103.8	80.0	120.0	0.5	20.0
	Iron	1.0000	0.1685	1.0157	84.7	80.0	120.0	0.1	20.0
	Sodium	3.0000	43.3325	45.7332	80.0	80.0	120.0	1.3(2a)	20.0
	Lead	0.5000	-0.0269	0.4955	104.5	80.0	120.0	2.2	20.0
	Selenium	2.0000	-0.0596	1.9675	101.4	80.0	120.0	0.6	20.0
	Zinc	0.5000	0.0273	0.5295	100.4	80.0	120.0	0.0	20.0

Mountain States Analytical, Inc.
Daily QC Batching Data
Data Released for Reporting

09/09/97
18:13:04
Group: 17567

Analysis Batch Number: ICPWA-09/06/97-118 -2
Test Identification : ICPWA-*Metals by ICP
Number of Samples : 14
Batch Data-Date/Time : 09/08/97 / 16:10:21

Sequence : DATD249

DUPLICATE

SAMPLE#	ANALYTE	RESULT 1	RESULT 2	RPD #	LIMIT	DILUTION
17589-67414	Silver	-0.0030	0.0000	200.0(11)	20.0	1.00
	Aluminum	-0.0103	0.0000	200.0(11)	20.0	1.00
	Arsenic	0.0090	0.0000	200.0(11)	20.0	1.00
	Barium	0.1444	0.1469	1.7	20.0	1.00
	Cadmium	-0.0021	0.0000	200.0(11)	20.0	1.00
	Chromium	-0.0037	0.0000	200.0(11)	20.0	1.00
	Iron	0.1685	0.1348	22.2(11)	20.0	1.00
	Sodium	43.3325	43.6790	0.8	20.0	1.00
	Lead	-0.0269	0.0000	200.0(11)	20.0	1.00
	Selenium	-0.0596	0.0000	200.0(11)	20.0	1.00
	Zinc	0.0273	0.0143	62.5(11)	20.0	1.00

CONTROL

SAMPLE#	ANALYTE	CONC FOUND	CONC KNOWN	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
LCSW-569	Silver	0.0512	0.0500	102.4	80.0	120.0
	Aluminum	2.0530	2.0000	102.7	80.0	120.0
	Arsenic	2.0115	2.0000	100.6	80.0	120.0
	Barium	1.9585	2.0000	97.9	80.0	120.0
	Cadmium	0.0537	0.0500	107.4	80.0	120.0
	Chromium	0.2036	0.2000	101.8	80.0	120.0
	Iron	1.0284	1.0000	102.8	80.0	120.0
	Sodium	3.0138	3.0000	100.5	80.0	120.0
	Lead	0.4983	0.5000	99.7	80.0	120.0
	Selenium	1.9959	2.0000	99.8	80.0	120.0
	Zinc	0.5237	0.5000	104.7	80.0	120.0

CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
ICV-	Silver	0.4000	0.4183	104.6	90.0	110.0
	Aluminum	20.0000	19.9139	99.6	90.0	110.0
	Arsenic	1.6000	1.5772	98.6	90.0	110.0
	Barium	4.0000	3.8217	95.5	90.0	110.0
	Cadmium	4.0000	3.9478	98.7	90.0	110.0
	Chromium	4.0000	4.0352	100.9	90.0	110.0
	Iron	4.0000	3.9539	98.8	90.0	110.0
	Sodium	40.0000	39.8229	99.6	90.0	110.0
	Lead	20.0000	19.4996	97.5	90.0	110.0
	Selenium	1.6000	1.5369	96.1	90.0	110.0
	Zinc	4.0000	3.9682	99.2	90.0	110.0
CCV1--2	Silver	0.4000	0.4232	105.8	90.0	110.0
	Aluminum	20.0000	20.0303	100.2	90.0	110.0
	Arsenic	1.6000	1.6245	101.5	90.0	110.0
	Barium	4.0000	3.8534	96.3	90.0	110.0
	Cadmium	4.0000	4.0517	101.3	90.0	110.0
	Chromium	4.0000	4.1166	102.9	90.0	110.0
	Iron	4.0000	4.0117	100.3	90.0	110.0
	Sodium	40.0000	39.8434	99.6	90.0	110.0
	Lead	20.0000	19.9258	99.6	90.0	110.0
	Selenium	1.6000	1.5364	96.0	90.0	110.0

Mountain States Analytical, Inc.
Daily QC Batching Data
Data Released for Reporting

09/09/97
18:13:08
Group: 17567

Analysis Batch Number: ICPWA-09/06/97-118 -2
Test Identification : ICPWA-*Metals by ICP
Number of Samples : 14
Batch Data-Date/Time : 09/08/97 / 16:10:21

Sequence : DATD249

CCV #	ANALYTE	TRUE VALUE	BATCH READ	% REC #	QC LIMITS LOWER	QC LIMITS UPPER
CCV1--2	Zinc	4.0000	4.0588	101.5	90.0	110.0
CCV2--3	Silver	0.4000	0.4203	105.1	90.0	110.0
	Aluminum	20.0000	20.3618	101.8	90.0	110.0
	Arsenic	1.6000	1.5760	98.5	90.0	110.0
	Barium	4.0000	3.9114	97.8	90.0	110.0
	Cadmium	4.0000	3.9416	98.5	90.0	110.0
	Chromium	4.0000	4.0251	100.6	90.0	110.0
	Iron	4.0000	3.9545	98.9	90.0	110.0
	Sodium	40.0000	42.5832	106.5	90.0	110.0
	Lead	20.0000	19.5396	97.7	90.0	110.0
	Selenium	1.6000	1.5637	97.7	90.0	110.0
	Zinc	4.0000	3.9657	99.1	90.0	110.0
CCV3--4	Silver	0.4000	0.4165	104.1	90.0	110.0
	Aluminum	20.0000	19.9837	99.9	90.0	110.0
	Arsenic	1.6000	1.5529	97.1	90.0	110.0
	Barium	4.0000	3.8473	96.2	90.0	110.0
	Cadmium	4.0000	3.8764	96.9	90.0	110.0
	Chromium	4.0000	3.9690	99.2	90.0	110.0
	Iron	4.0000	3.8979	97.4	90.0	110.0
	Sodium	40.0000	40.0297	100.1	90.0	110.0
	Lead	20.0000	19.1086	95.5	90.0	110.0
	Selenium	1.6000	1.5115	94.5	90.0	110.0
	Zinc	4.0000	3.9112	97.8	90.0	110.0
CCV4--5	Silver	0.4000	0.4279	107.0	90.0	110.0
	Aluminum	20.0000	20.4280	102.1	90.0	110.0
	Arsenic	1.6000	1.6148	100.9	90.0	110.0
	Barium	4.0000	3.9422	98.6	90.0	110.0
	Cadmium	4.0000	4.0601	101.5	90.0	110.0
	Chromium	4.0000	4.1379	103.4	90.0	110.0
	Iron	4.0000	4.0424	101.1	90.0	110.0
	Sodium	40.0000	40.4766	101.2	90.0	110.0
	Lead	20.0000	19.9878	99.9	90.0	110.0
	Selenium	1.6000	1.5847	99.0	90.0	110.0
	Zinc	4.0000	4.0526	101.3	90.0	110.0

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
ICB-	Silver	ND	0.0060
	Aluminum	ND	0.0500
	Arsenic	0.0100	0.0300
	Barium	ND	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	ND	0.2000
	Sodium	ND	0.2000
	Lead	0.0030	0.0400
	Selenium	ND	0.0700
	Zinc	ND	0.0300
CCB1-	Silver	ND	0.0060
	Aluminum	ND	0.0500

Mountain States Analytical, Inc.
Daily QC Batching Data
Data Released for Reporting

09/09/97
18:13:12
Group: 17567

Analysis Batch Number: ICPWA-09/06/97-118 -2
Test Identification : ICPWA-*Metals by ICP
Number of Samples : 14
Batch Data-Date/Time : 09/08/97 / 16:10:21

Sequence : DATD249

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
CCB1-	Arsenic	ND	0.0300
	Barium	ND	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	ND	0.2000
	Sodium	ND	0.2000
	Lead	ND	0.0400
	Selenium	ND	0.0700
	Zinc	ND	0.0300
CCB2-	Silver	ND	0.0060
	Aluminum	ND	0.0500
	Arsenic	ND	0.0300
	Barium	ND	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	ND	0.2000
	Sodium	0.0216	0.2000
	Lead	0.0061	0.0400
	Selenium	ND	0.0700
	Zinc	ND	0.0300
CCB3-	Silver	ND	0.0060
	Aluminum	ND	0.0500
	Arsenic	ND	0.0300
	Barium	ND	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	ND	0.2000
	Sodium	0.0293	0.2000
	Lead	0.0124	0.0400
	Selenium	ND	0.0700
	Zinc	ND	0.0300
CCB3-	Silver	ND	0.0060
	Aluminum	ND	0.0500
	Arsenic	ND	0.0300
	Barium	ND	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	ND	0.2000
	Sodium	0.0236	0.2000
	Lead	0.0028	0.0400
	Selenium	ND	0.0700
	Zinc	ND	0.0300
CCB4-	Silver	0.0010	0.0060
	Aluminum	ND	0.0500
	Arsenic	ND	0.0300
	Barium	0.0001	0.0030
	Cadmium	ND	0.0040
	Chromium	ND	0.0100
	Iron	ND	0.2000
	Sodium	0.0228	0.2000

Mountain States Analytical, Inc.
Daily QC Batching Data
Data Released for Reporting

09/09/97
18:13:15
Group: 17567

Analysis Batch Number: ICPWA-09/06/97-118 -2
Test Identification : ICPWA-*Metals by ICP
Number of Samples : 14
Batch Data-Date/Time : 09/08/97 / 16:10:21

Sequence : DATD249

CCB#	ANALYTE	CONC FOUND #	CONC LIMIT
CCB4-	Lead	ND	0.0400
	Selenium	ND	0.0700
	Zinc	ND	0.0300

---------- Result Footnotes ----------

(2a) - Recovery is insignificant because sample conc. is >4x spike added.
(11) - Both Duplicate results are less than the MDL.

Groups & Samples

17561-67359	17567-67370	17569-67372	17569-67373	17570-67374	17570-67375	17581-67395	17589-67414
17589-67415	17589-67416	17589-67417	17589-67418	17597-67467	17597-67468	17597-67469	17597-67470

CHAIN OF CUSTODY RECORD

6716

ON SITE TECHNOLOGIES, LTD.

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

Date: 8/21/97

Page 1 of 1

Purchase Order No.: 6709	Job No.		
SEND INVOICE TO: Name	ACCOUNTS REC.	REPORT RESULTS TO: Name	DAVID COX
Company	ON SITE	Company	ON SITE TECH
Dept.		Mailing Address	
Address		City, State, Zip	
City, State, Zip		Telephone No.	505 325-2432
		Telefax No.	325-6256
Sampling Location: SHEPARD + KELSEY IE			
Sampler: LT/ML			

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	ANALYSIS REQUESTED: RCRA METALS TOTAL	LAB ID
S+K IE MW-1/5+(DUP)	8/20/97	1130	H_2O	COOL	1	✓	15827-6716

Relinquished by:	Date/Time 8/21/97 1630	Received by:	Date/Time 08/22/97 1200
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

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

CHAIN OF CUSTODY RECORD

6716

ON SITE TECHNOLOGIES, LTD.

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

Date: 8/21/97

Page 1 of 1

Purchase Order No.: 6709	Job No.		
SEND INVOICE TO: Name	ACCOUNTS REC.	REPORT RESULTS TO: Name	DAVID COX
Company	ON SITE	Company	ON SITE TECH
Dept.		Mailing Address	
Address		City, State, Zip	
City, State, Zip		Telephone No.	505 325-2432
		Telefax No.	325-6256

Sampling Location: SHEPARD + KELSEY IE

Sampler: LT/ML

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	RCRA METALS TOTAL	LAB ID
S+K IE MW-1/5+(BE)	8/20/97	1130	H_2O	COOL	1	✓	15827-6716

ANALYSIS REQUESTED

Relinquished by:	Date/Time 8/21/97 1630	Received by: RICHARD DAVIS	Date/Time 08/22/97 1200
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

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

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713)660-0901

September 10, 1997

Mr. David Cox
ON SITE TECHNOLOGIES
612 East Murray
Farmington, NM 87401

The following report contains analytical results for samples received at Southern Petroleum Laboratories (SPL) on August 26, 1997. The samples were assigned to Certificate of Analysis No.(s) 9708A78 and analyzed for all parameters as listed on the chain of custody.

There were no analytical problems encountered with this group of samples and all quality control data was within acceptance limits.

If you have any questions or comments pertaining to this data report, please do not hesitate to contact me. Please reference the above Certificate of Analysis No. during any inquiries.

Again, SPL is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

Southern Petroleum Laboratories

Siok Hong Chen
Project Manager

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713)660-0901

RECEIVED SEP 15 1997

SOUTHERN PETROLEUM LABORATORIES, INC.

Certificate of Analysis Number: 97-08-A78

Approved for Release by:

Siok Hong Chen, Project Manager — Date: 9/10/97

Greg Grandits
Laboratory Director

Idelis Williams
Quality Assurance Officer

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713)660-0901

Certificate of Analysis No. H9-9708A78-01

On Site Technologies
612 East Murray
Farmington, NM 87401
ATTN: David Cox

P.O.# 6709
09/10/97

PROJECT: Water Analysis
SITE: Shepard & Kelsey
SAMPLED BY: On Site
SAMPLE ID: MW-1 15829-6709

PROJECT NO:
MATRIX: WATER
DATE SAMPLED: 08/20/97 11:30:00
DATE RECEIVED: 08/26/97

ANALYTICAL DATA

PARAMETER	RESULTS	PQL*	UNITS
Naphthalene	ND	0.1	ug/L
Acenaphthylene	ND	0.1	ug/L
Acenaphthene	ND	0.3	ug/L
Fluorene	ND	0.3	ug/L
Phenanthrene	ND	0.1	ug/L
Anthracene	ND	0.1	ug/L
Fluoranthene	ND	0.1	ug/L
Pyrene	ND	0.1	ug/L
Chrysene	ND	0.1	ug/L
Benzo (a) anthracene	ND	0.1	ug/L
Benzo (b) fluoranthene	ND	0.1	ug/L
Benzo (k) fluoranthene	ND	0.1	ug/L
Benzo (a) pyrene	ND	0.1	ug/L
Dibenzo (a,h) anthracene	ND	0.1	ug/L
Benzo (g,h,i) perylene	ND	0.1	ug/L
Indeno (1,2,3-cd) pyrene	ND	0.1	ug/L

SURROGATES	AMOUNT SPIKED	% RECOVERY	LOWER LIMIT	UPPER LIMIT
1-Fluoronaphthalene	0.20 ug/L	65	50	150
Phenanthrene d-10	0.20 ug/L	80	50	150

ANALYZED BY: KA DATE/TIME: 08/29/97 08:11:17
EXTRACTED BY: RN DATE/TIME: 08/27/97 10:00:00
METHOD: 8310 Polynuclear Aromatic Hydrocarbons
NOTES: * - Practical Quantitation Limit ND - Not Detected
NA - Not Analyzed

COMMENTS:

QUALITY ASSURANCE: These analyses are performed in accordance with EPA guidelines for quality assurance.

QUALITY CONTROL

DOCUMENTATION

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713)660-0901

** SPL BATCH QUALITY CONTROL REPORT **
Method 8310 ***

Matrix: Aqueous
Units: ug/L

Batch Id: 2970829031600

LABORATORY CONTROL SAMPLE

SPIKE COMPOUNDS	Method Blank Result <2>	Spike Added <3>	Blank Spike Result <1>	Blank Spike Recovery %	QC Limits(**) (Mandatory) % Recovery Range
Naphthalene	ND	0.50	0.38	76.0	32 - 148
Acenaphthylene	ND	0.50	0.37	74.0	42 - 138
Acenaphthene	ND	0.50	0.39	78.0	22 - 133
Fluorene	ND	0.50	0.41	82.0	11 - 148
Phenanthrene	ND	0.50	0.39	78.0	40 - 121
Anthracene	ND	0.50	0.35	70.0	32 - 121
Fluoranthene	ND	0.50	0.41	82.0	45 - 133
Pyrene	ND	0.50	0.39	78.0	39 - 136
Chrysene	ND	0.50	0.41	82.0	44 - 122
Benzo (a) anthracene	ND	0.50	0.39	78.0	53 - 137
Benzo (b) fluoranthene	ND	0.50	0.42	84.0	62 - 121
Benzo (k) fluoranthene	ND	0.50	0.42	84.0	66 - 128
Benzo (a) pyrene	ND	0.50	0.43	86.0	42 - 120
Dibenzo (a,h) anthracene	ND	0.50	0.41	82.0	59 - 129
Benzo (g,h,i) perylene	ND	0.50	0.42	84.0	67 - 124
Indeno (1,2,3-cd) pyrene	ND	0.50	0.44	88.0	65 - 125

MATRIX SPIKES

SPIKE COMPOUNDS	Sample Results <2>	Spike Added <3>	Matrix Spike Result <1>	Matrix Spike Recovery <4>	Matrix Spike Duplicate Result <1>	Matrix Spike Duplicate Recovery <5>	MS/MSD Relative % Difference	QC Limits(***) (Advisory) RPD Max.	QC Limits(***) (Advisory) Recovery Range
NAPHTHALENE	ND	0.5	0.37	74.0	0.28	56.0	27.7	30	1 - 122
ACENAPHTHYLENE	ND	0.5	0.26	52.0	0.21	42.0	21.3	30	1 - 124
ACENAPHTHENE	ND	0.5	0.33	66.0	0.27	54.0	20.0	30	1 - 124
FLUORENE	ND	0.5	0.35	70.0	0.28	56.0	22.2	30	1 - 142
PHENANTHRENE	ND	0.5	0.37	74.0	0.36	72.0	2.74	30	1 - 155
ANTHRACENE	ND	0.5	0.31	62.0	0.28	56.0	10.2	30	1 - 126
FLUORANTHENE	ND	0.5	0.50	100	0.55	110	9.52	30	14 - 123
PYRENE	ND	0.5	0.49	98.0	0.54	108	9.71	30	1 - 140
CHRYSENE	ND	0.5	0.49	98.0	0.53	106	7.84	30	1 - 199
BENZO (A) ANTHRACENE	ND	0.5	0.43	86.0	0.44	88.0	2.30	30	12 - 135
BENZO (B) FLUORANTHENE	0.12	0.5	0.55	86.0	0.65	106	20.8	30	6 - 150
BENZO (K) FLUORANTHENE	ND	0.5	0.46	92.0	0.50	100	8.33	30	1 - 159
BENZO (A) PYRENE	ND	0.5	0.52	104	0.59	118	12.6	30	1 - 128
DIBENZO (A,H) ANTHRACENE	ND	0.5	0.37	74.0	0.36	72.0	2.74	30	1 - 110
BENZO (G,H,I) PERYLENE	0.16	0.5	0.58	84.0	0.74	116	32.0 *	30	1 - 116
INDENO (1,2,3-CD) PYRENE	ND	0.5	0.49	98.0	0.48	96.0	2.06	30	1 - 116

HOUSTON LABORATORY
8880 INTERCHANGE DRIVE
HOUSTON, TEXAS 77054
PHONE (713)660-0901

** SPL BATCH QUALITY CONTROL REPORT **
Method 8310 ***

Matrix: Aqueous
Units: ug/L

Batch Id: 2970829031600

Analyst: KA
Sequence Date: 08/29/97
SPL ID of sample spiked: 9708A73-02B
Sample File ID: 970828C\026-2601
Method Blank File ID:
Blank Spike File ID: 970828C\018-1801
Matrix Spike File ID: 970828C\027-2601
Matrix Spike Duplicate File ID: 970828C\028-2801

* = Values Outside QC Range. « = Data outside Method Specification limits.
NC = Not Calculated (Sample exceeds spike by factor of 4 or more)
ND = Not Detected/Below Detection Limit
% Recovery = [(<1> - <2>) / <3>] x 100
LCS % Recovery = (<1> / <3>) x 100
Relative Percent Difference = |(<4> - <5> | / [(<4> + <5>) x 0.5] x 100
(**) = Source: SPL-Houston Historical Data (1st Q '97)
(***) = Source: Temporary Limits

SAMPLES IN BATCH(SPL ID): 9708A79-01A 9708B09-05D 9708A73-02B 9708A73-01B 9708A73-03B 9708A78-01A

CHAIN OF CUSTODY

AND

SAMPLE RECEIPT CHECKLIST

6728

CHAIN OF CUSTODY RECORD

ON SITE TECHNOLOGIES, LTD.

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

Date: 8/25/97 8/26/97 Page 1 of 1

9708A78

Purchase Order No.: 6709	Job No.		
SEND INVOICE TO: Name ACCOUNTS REC.		REPORT RESULTS TO: Name DAVID COX	Title
Company ON SITE	Dept.	Company ON SITE TECH	
Address		Mailing Address 612 E. MURRAY	
City, State, Zip		City, State, Zip FARMINGTON, NM 87401	
		Telephone No. 505 325 2432	Telefax No. 325-6256

Sampling Location: SHEPARD & KELSEY IE

Sampler: ML

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	PAH 8310	LAB ID
SHEPARD & KELSEY IE MW-1	8/20/97	1130	H_2O	COOL	1	✓	15829-6709

ANALYSIS REQUESTED

Jt ROF 4c

Relinquished by:	Date/Time 8/25/97 1600	Received by:	Date/Time 8/26/97 0945
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date 8/25/97
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

Distribution: White - On Site; Yellow - Lab; Pink - Sampler; Goldenrod - Client

SPL Houston Environmental Laboratory

Sample Login Checklist

Date: 8/26/09	Time: 1300

PL Sample ID: 9708

			Yes	No
1	Chain-of-Custody (COC) form is present.		✓	
2	COC is properly completed.		✓	
3	If no, Non-Conformance Worksheet has been completed.			
4	Custody seals are present on the shipping container.		—	
5	If yes, custody seals are intact.		—	
6	All samples are tagged or labeled.		—	
7	If no, Non-Conformance Worksheet has been completed.			
8	Sample containers arrived intact		✓	
9	Temperature of samples upon arrival:		4 C	
10	Method of sample delivery to SPL:	SPL Delivery		
		Client Delivery		
		FedEx Delivery (airbill #)	419276702 5	
		Other:		
11	Method of sample disposal:	SPL Disposal	✓	
		HOLD		
		Return to Client		

Name: Ruben Estrada	Date: 8/26/09

CHAIN OF CUSTODY RECORD

6709

ON SITE TECHNOLOGIES, LTD.

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

Date: 8-20-1997

Page 1 of 1

Purchase Order No.: | Job No. 4-1303-5

SEND INVOICE TO
Name: Larry Trujillo
Company: Conoco | Dept.
Address:
City, State, Zip:

REPORT RESULTS TO
Name: Larry Trujillo | Title:
Company: Conoco
Mailing Address:
City, State, Zip:
Telephone No. | Telefax No.

Sampling Location: Shepard & Kelsey 1E

Sampler: Larry Trujillo / Myke Lane

ANALYSIS REQUESTED

SAMPLE IDENTIFICATION			SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	RCRA / TOTAL Metals	APL	PAH 8310	BTEX 8020	LAB ID
SJK 1E	Monitory Well #1	S-1	8-20-97	1130	H2O	HNO_3	1	✓				15827-6709
SJK 1E	Monitory Well #1	S-2	8-20-97	1130	H2O		1		✓			15828
SJK 1E	MW #1	S-3	8-20-97	1130	H2O		1			✓		15829
SJK 1E	MW #1	dup.	8-20-97	1130	H_2O		1					
SJK 1E	MW #2		8-20-97	1150	H2O		2				✓	15830-6709
SJK 1E	MW #3		8-20-97	1151	H2O		2				✓	15831

Relinquished by: Jay Trujillo	Date/Time 8-20-97 1415	Received by: Heidi Rees	Date/Time 8/20/97 1430
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: _____ Date _____
(Client Signature Must Accompany Request)

Rush	24-48 Hours	10 Working Days	Special Instructions:

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

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	28-Aug-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6707*
Address:	*612 E. Murray Drive*	Sample No.:	*15825*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***4-1303-5; MW-1***				
Sampled by:	LT	Date:	19-Aug-97	Time:	11:46
Analyzed by:	DC	Date:	25-Aug-97		
Sample Matrix:	*Liquid*				

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Benzene	7.8	ug/L	0.2	ug/L
Toluene	ND	ug/L	0.2	ug/L
Ethylbenzene	ND	ug/L	0.2	ug/L
m,p-Xylene	0.2	ug/L	0.2	ug/L
o-Xylene	ND	ug/L	0.2	ug/L
TOTAL	8.0	ug/L		

ND - Not Detected at Limit of Quantitation

Method - *SW-846 EPA Method 8020A Aromatic Volatile Organics by Gas Chromatography*

Approved By: DaS

Date: 8/28/97

OFF: (505) 325-5667

ON SITE
TECHNOLOGIES, LTD.

LAB: (505) 325-1556

QUALITY ASSURANCE REPORT

for EPA Method 8020

Date Analyzed: 25-Aug-97

Internal QC No.: 0527-STD
Surrogate QC No.: 0528-STD
Reference Standard QC No.: 0529/30-QC

Method Blank

Parameter	*Result*	*Unit of Measure*
Average Amount of All Analytes In Blank	<0.2	ppb

Calibration Check

Parameter	*Unit of Measure*	*True Value*	*Analyzed Value*	*RPD*	*Limit*
Benzene	ppb	20.0	19.5	3	15%
Toluene	ppb	20.0	20.4	2	15%
Ethylbenzene	ppb	20.0	20.7	3	15%
m,p-Xylene	ppb	40.0	39.5	1	15%
o-Xylene	ppb	20.0	20.5	2	15%

Matrix Spike

Parameter	*1- Percent Recovered*	*2 - Percent Recovered*	*Limit*	*RPD*	*Limit*
Benzene	98	89	(39-150)	3	20%
Toluene	99	97	(46-148)	2	20%
Ethylbenzene	99	96	(32-160)	3	20%
m,p-Xylene	96	94	(35-145)	3	20%
o-Xylene	98	96	(35-145)	2	20%

Surrogate Recoveries

Laboratory Identification	*S1 Percent Recovered*	*S2 Percent Recovered*	*Laboratory Identification*	*S1 Percent Recovered*	*S2 Percent Recovered*
Limit Percent Recovered	(70-130)		*Limit Percent Recovered*	(70-130)	
15825-6707	96				
				[illegible]	(pc)
				8/29/97	8/28/97

S1: Flourobenzene

P.O. BOX 2606 • FARMINGTON, NM 87499

- TECHNOLOGY BLENDING INDUSTRY WITH THE ENVIRONMENT -

ON SITE TECHNOLOGIES, LTD.

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

CHAIN OF CUSTODY RECORD

0101

Date: 8/1/97

Page 1 of 1

Purchase Order No.:	Job No. 4-1503-5
SEND INVOICE TO — Name	Larry Trujillo
Company	Conoco
Dept.	
Address	
City, State, Zip	
REPORT RESULTS TO — Name	Larry Trujillo
Title	
Company	Conoco
Mailing Address	
City, State, Zip	
Telephone No.	
Telefax No.	
Sampling Location:	Shane & Kelsey, I.F.
Sampler:	Larry Trujillo

ANALYSIS REQUESTED: BTEX 8020

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	BTEX 8020									LAB ID
4-1502-5 MW#1	8/1/97	11:4_	H_2O	HCl	2	✓									[illegible]

Relinquished by: [signature]	Date/Time 8/1/97/1029	Received by: [signature]	Date/Time [illegible]
Relinquished by:	Date/Time	Received by:	Date/Time
Relinquished by:	Date/Time	Received by:	Date/Time

Method of Shipment:

Authorized by: ______ Date ______
(Client Signature Must Accompany Request)

Rush | 24-48 Hours | 10 Working Days | Special Instructions:

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

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	27-Aug-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6706*
Address:	*612 E. Murray Drive*	Sample No.:	*15823*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***4-1303-5; TH#2***				
Sampled by:	LT	Date:	19-Aug-97	Time:	9:51
Analyzed by:	DC/HR	GRO Date:	21-Aug-97		
Sample Matrix:	*Soil*	DRO Date:	25-Aug-97		

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	ND	mg/kg	0.5	mg/kg
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0537-STD

DRO QC No.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	ND	ppb	1,801	1,950	7.9	15%
Diesel Range (C10 - C28)	ND	ppm	200	206	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	71	64	(80-120)	10	20%
Diesel Range (C10-C28)	76	74	(84-118)	2	20%

Method: *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:

Date: 8/27/97

OFF: (505) 325-5667

ON SITE TECHNOLOGIES, LTD.

LAB: (505) 325-1556

ANALYTICAL REPORT

Attn:	*Larry Trujillo*	Date:	27-Aug-97
Company:	*On Site Technologies, Ltd. c/o Conoco, Inc.*	COC No.:	*6706*
Address:	*612 E. Murray Drive*	Sample No.:	*15824*
City, State:	*Farmington, NM 87401*	Job No.:	*4-1303-5*

Project Name:	***Conoco, Inc. - Shepard & Kelsey 1E***				
Project Location:	***4-1303-5; TH#3***				
Sampled by:	LT	Date:	19-Aug-97	Time:	10:15
Analyzed by:	DC/HR	GRO Date:	21-Aug-97		
Sample Matrix:	*Soil*	DRO Date:	25-Aug-97		

Laboratory Analysis

Parameter	Results as Received	Unit of Measure	Limit of Quantitation	Unit of Measure
Gasoline Range Organics (C5 - C9)	ND	mg/kg	0.5	mg/kg
Diesel Range Organics (C10 - C28)	ND	mg/kg	5	mg/kg

ND - Not Detected at Limit of Quantitation

Quality Assurance Report

GRO QC No.: 0537-STD

DRO QC No.: 0548-STD

Continuing Calibration Verification

Parameter	Method Blank	Unit of Measure	True Value	Analyzed Value	RPD	RPD Limit
Gasoline Range (C5 - C9)	ND	ppb	1,801	1,950	7.9	15%
Diesel Range (C10 - C28)	ND	ppm	200	206	2.8	15%

Matrix Spike

Parameter	1- Percent Recovered	2 - Percent Recovered	Limit	RPD	RPD Limit
Gasoline Range (C5-C9)	71	64	(80-120)	10	20%
Diesel Range (C10-C28)	76	74	(84-118)	2	20%

Method: *SW-846 EPA Method 8015A mod. - Nonhalogenated Volatile Hydrocarbons by Gas Chromatography*

Approved by:

Date: 8/27/97

CHAIN OF CUSTODY RECORD

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

Date: 8/19/97

Purchase Order No.:

Job No. 4 [illegible] 2-5

SEND INVOICE TO
Name: Larry Trujillo
Company: Conoco
Dept.:
Address:
City, State, Zip:

REPORT RESULTS TO
Name: Larry Trujillo
Title:
Company: Conoco
Mailing Address:
City, State, Zip:
Telephone No.:
Telefax No.:

Sampling Location: Shepard + Kelsey 1E

Sampler:

SAMPLE IDENTIFICATION	SAMPLE DATE	SAMPLE TIME	MATRIX	PRES.	Number of Containers	TPH 8015 (mod)								LAB ID
4-1202-5 TH #2	8/18/97	0921	soil		1	✓								15[illegible]-0706
4-1202-[illegible] TH #3	8/18/97	1012	soil		1	✓								15[illegible]

ANALYSIS REQUESTED

Relinquished by: [signature] Date/Time 8/19/97 12:[illegible]
Received by: [illegible] Date/Time 8/19/97 [illegible]
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 | Special Instructions:

Authorized by: ____________ Date ________
(Client Signature Must Accompany Request)

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