



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

November 6, 2006

Chris Smith csmith@trilogyoperatiog.com
Trilogy Operating, Inc.
PO Box 7606
Midland, TX 79708

Re: Drill Pit Closure Report – Schubert Farms #1
 Site Location: UL-B Sec 25– T19S - R38E
 Report Received: October 14, 2006

Dear Mr. Smith,

The New Mexico Oil Conservation Division (OCD) reviewed the above referenced closure report. This report was submitted for Trilogy Operating, Inc. (TOI) by your agent, Elke Environmental, Inc. (ECI). Based on information provided, the site requires no further action at this time.

Please be advised that OCD approval does not relieve TOI of responsibility should operations result in pollution of surface water, ground water, or the environment. In addition, OCD approval does not relieve OCI of responsibility for compliance with any federal, state or local laws and/or regulations.

If you have any questions or need assistance please call me at (505) 393-6161, x111 or e-mail larry.johnson@state.nm.us

Sincerely,

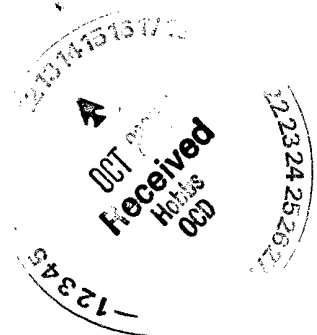
Larry Johnson - Environmental Engineer

CC: Wayne Price - Environmental Bureau Chief
 Chris Williams - District I Supervisor
 Patricia Caperton- District 1 Environmental Tech

**Elke Environmental, Inc.
P.O. Box 14167
Odessa, Tx. 79768**

**Closure Report for Trilogy Operating
Schubert Farms #001 Drilling Pit**

**Cc: Larry Johnson – NMOCD
Chris Smith – Trilogy Operating
Elke File**



Elke Environmental, Inc.

4817 Andrews Hwy.
Odessa, Tx. 79762

Pho. 432-366-0043
Fax: 432-366-0884

Mail: P. O. Box 14167
Odessa, Tx. 79768

August 14, 2006

Mr. Larry Johnson
New Mexico Oil Conservation Division
1625 N. French
Hobbs, New Mexico 88240

Subject: Closure Report for Trilogy Operating, Inc. Schubert Farms #001,
N32°38'14.91" W 103°05'53.96" – U/L B Sec. 25 T19S R38E - Lea County, New
Mexico

Dear Mr. Johnson,

Elke Environmental, Inc. was contracted by Trilogy Operating to begin closure of the
subject pit August 7, 2006.

Ground water in the immediate area of the pit site has been determined to be 70 to 80 ft.
below ground level according to information from the office of the New Mexico State
Engineer.

The pit contents were mixed and stiffened with clean native soil and placed into an
impervious liner 12 mils thick with a 3 ft. overlap on all sides, then covered with a 20 mil
liner and 3 ft. of soil, domed to prevent pooling.

In mixing the pit contents a breach in the pit liner was encountered, prompting the need
for sampling of the four corners and the center of the pit area for chlorides contamination.
The sample points were excavated with a trackhoe to determine the depth of
contamination at each point. Attached are a sketch of the sampled pit bottom and a table
indicating field and confirmatory laboratory sample results.

Per our conversation August 17, 2006, the excavated soil was pushed back into the
excavated pit area to a level 3 ft. below ground surface and covered with a 20 mil liner,
then covered with 3 ft. of clean native soil and domed to prevent pooling. The work was
completed on 8-22-06.

Any questions or concerns with this report may be addressed to Mr. Rob Elam, Elke Environmental, Inc. at 432-556-3140.

Sincerely,

C. H. Kerby

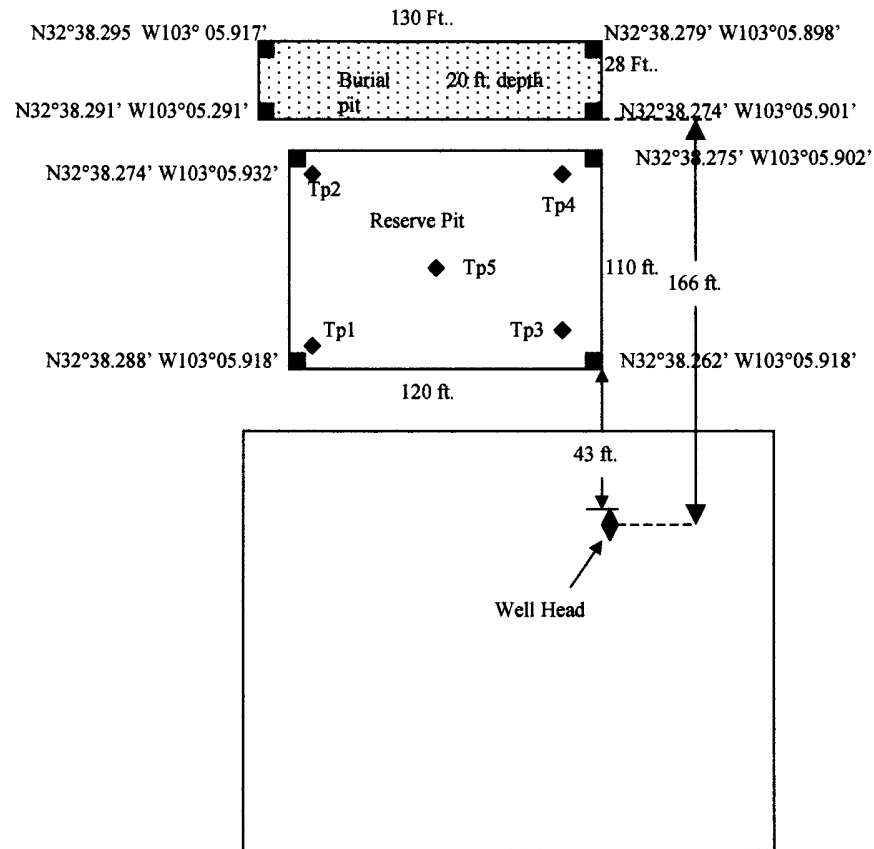
C. H. Kerby - Elke Environmental, Inc.

Trilogy Operating Schubert Farms #1
Sample Table of Field and Lab Tests

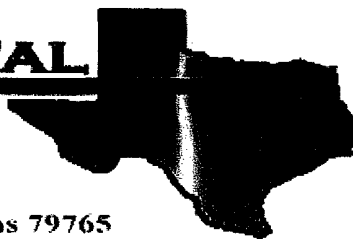
Field Tests					Lab Analysis			
Date	Sample Point	Depth	Cl PPM	GPS	Date	Cl ppm	BTEX ppm 8021B	TPH ppm 8015M
8/8/2006	SP1	5 ft.	2383	N32 38.273 W103 05.927				
		7 ft.	14695					
		9 ft.	1884					
		11 ft.	1569					
		13 ft.	511					
		15 ft.	893					
		17 ft.	409					
		19 ft.	384					
		21 ft.	375		8/15/2006	349	ND	ND
8/8/2006	SP2	5 ft.	8124	N32 38.279 W103 05.923				
		9 ft.	649					
		11 ft.	513		8/15/2006	285	ND	ND
8/8/2006	SP3	5 ft.	4360	N32 38.268 W103 05.916				
		7 ft.	3598					
		9 ft.	1181					
		11 ft.	1489					
		13 ft.	1302					
		15 ft.	452					
		17 ft.	457					
		19 ft.	449		8/15/2006	562	ND	ND
8/8/2006	SP4	5 ft.	4064	N 32 38.273 W103 05.912				
		7 ft.	297					
		9 ft.	145		8/15/2006	37.7	ND	ND
8/8/2006	SP5	5 ft.	3370	N32 38.279 W103 05.918				
		7 ft.	302					
		9 ft.	269		8/15/2006	51.9	ND	ND

Trilogy Operating Schubert Farms #1
Pit Closure Site Sketch

8-8-06



E NVIRONMENTAL LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Robert Spangler

Elke Environmental

P.O. Box 14167

Odessa, TX 79768

Project: Trilogy

Project Number: None Given

Location: Schubert Farms #1

Lab Order Number: 6H17002

Report Date: 08/21/06

Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP1@ 21' BGS	6H17002-01	Soil	08/15/06 09:00	08-17-2006 11:05
TP2@ 11' BGS	6H17002-02	Soil	08/14/06 08:00	08-17-2006 11:05
TP3@ 19' BGS	6H17002-03	Soil	08/15/06 11:40	08-17-2006 11:05
TP4@ 9' BGS	6H17002-04	Soil	08/14/06 13:00	08-17-2006 11:05
TP5@ 9' BGS	6H17002-05	Soil	08/14/06 09:45	08-17-2006 11:05

Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1@ 21' BGS (6H17002-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH61717	08/17/06	08/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		91.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH61706	08/17/06	08/17/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		106 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		103 %	70-130		"	"	"	"	
TP2@ 11' BGS (6H17002-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH61717	08/17/06	08/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		99.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH61706	08/17/06	08/17/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		99.2 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		91.2 %	70-130		"	"	"	"	
TP3@ 19' BGS (6H17002-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH61717	08/17/06	08/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		101 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH61706	08/17/06	08/17/06	EPA 8015M	

Environmental Lab of Texas

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Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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TP3@ 19' BGS (6H17002-03) Soil

Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	EH61706	08/17/06	08/17/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		98.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		91.4 %	70-130		"	"	"	"	

TP4@ 9' BGS (6H17002-04) Soil

Benzene	ND	0.0250	mg/kg dry	25	EH61717	08/17/06	08/18/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,α-Trifluorotoluene		89.2 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		88.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH61706	08/17/06	08/17/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		105 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		95.0 %	70-130		"	"	"	"	

TP5@ 9' BGS (6H17002-05) Soil

Benzene	ND	0.0250	mg/kg dry	25	EH61717	08/17/06	08/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,α-Trifluorotoluene		120 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		117 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	EH61706	08/17/06	08/17/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbons	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		100 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.0 %	70-130		"	"	"	"	

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Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP1@ 21' BGS (6H17002-01) Soil									
Chloride	349	10.0	mg/kg	20	EH61804	08/17/06	08/18/06	EPA 300.0	
% Moisture	10.2	0.1	%	1	EH61801	08/17/06	08/18/06	% calculation	
TP2@ 11' BGS (6H17002-02) Soil									
Chloride	285	10.0	mg/kg	20	EH61804	08/17/06	08/18/06	EPA 300.0	
% Moisture	14.5	0.1	%	1	EH61801	08/17/06	08/18/06	% calculation	
TP3@ 19' BGS (6H17002-03) Soil									
Chloride	562	20.0	mg/kg	40	EH61804	08/17/06	08/18/06	EPA 300.0	
% Moisture	12.6	0.1	%	1	EH61801	08/17/06	08/18/06	% calculation	
TP4@ 9' BGS (6H17002-04) Soil									
Chloride	37.7	5.00	mg/kg	10	EH61804	08/17/06	08/18/06	EPA 300.0	
% Moisture	11.8	0.1	%	1	EH61801	08/17/06	08/18/06	% calculation	
TP5@ 9' BGS (6H17002-05) Soil									
Chloride	51.9	5.00	mg/kg	10	EH61804	08/17/06	08/18/06	EPA 300.0	
% Moisture	11.0	0.1	%	1	EH61801	08/17/06	08/18/06	% calculation	

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Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch EH61706 - Solvent Extraction (GC)

Blank (EH61706-BLK1)

Prepared & Analyzed: 08/17/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet						
Carbon Ranges C12-C28	ND	10.0	"						
Carbon Ranges C28-C35	ND	10.0	"						
Total Hydrocarbons	ND	10.0	"						
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	70-130		
Surrogate: 1-Chlorooctadecane	47.3		"	50.0		94.6	70-130		

LCS (EH61706-BS1)

Prepared & Analyzed: 08/17/06

Carbon Ranges C6-C12	481	10.0	mg/kg wet	500		96.2	75-125		
Carbon Ranges C12-C28	418	10.0	"	500		83.6	75-125		
Carbon Ranges C28-C35	ND	10.0	"	0.00			75-125		
Total Hydrocarbons	899	10.0	"	1000		89.9	75-125		
Surrogate: 1-Chlorooctane	57.1		mg/kg	50.0		114	70-130		
Surrogate: 1-Chlorooctadecane	49.0		"	50.0		98.0	70-130		

Calibration Check (EH61706-CCV1)

Prepared & Analyzed: 08/17/06

Carbon Ranges C6-C12	281		mg/kg	250		112	80-120		
Carbon Ranges C12-C28	292		"	250		117	80-120		
Total Hydrocarbons	573		"	500		115	80-120		
Surrogate: 1-Chlorooctane	61.5		"	50.0		123	70-130		
Surrogate: 1-Chlorooctadecane	57.0		"	50.0		114	70-130		

Matrix Spike (EH61706-MS1)

Source: 6H17002-03

Prepared & Analyzed: 08/17/06

Carbon Ranges C6-C12	558	10.0	mg/kg dry	572	ND	97.6	75-125		
Carbon Ranges C12-C28	476	10.0	"	572	ND	83.2	75-125		
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		
Total Hydrocarbons	1030	10.0	"	1140	ND	90.4	75-125		
Surrogate: 1-Chlorooctane	56.5		mg/kg	50.0		113	70-130		
Surrogate: 1-Chlorooctadecane	49.5		"	50.0		99.0	70-130		

Environmental Lab of Texas

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Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH61706 - Solvent Extraction (GC)

Matrix Spike Dup (EH61706-MSD1)

Source: 6H17062-03

Prepared & Analyzed: 08/17/06

Carbon Ranges C6-C12	558	10.0	mg/kg dry	572	ND	97.6	75-125	0.00	20	
Carbon Ranges C12-C28	470	10.0	"	572	ND	82.2	75-125	1.27	20	
Carbon Ranges C28-C35	ND	10.0	"	0.00	ND		75-125		20	
Total Hydrocarbons	1030	10.0	"	1140	ND	90.4	75-125	0.00	20	
Surrogate: 1-Chlorooctane	56.6		mg/kg	50.0		113	70-130			
Surrogate: 1-Chlorooctadecane	47.8		"	50.0		95.6	70-130			

Batch EH61717 - EPA 5030C (GC)

Blank (EH61717-BLK1)

Prepared: 08/17/06 Analyzed: 08/18/06

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	35.5		ug/kg	40.0		88.8	80-120			
Surrogate: 4-Bromofluorobenzene	33.1		"	40.0		82.8	80-120			

CS (EH61717-BS1)

Prepared & Analyzed: 08/17/06

Benzene	1.12	0.0250	mg/kg wet	1.25		89.6	80-120			
Toluene	1.28	0.0250	"	1.25		102	80-120			
Ethylbenzene	1.30	0.0250	"	1.25		104	80-120			
Xylene (p/m)	2.92	0.0250	"	2.50		117	80-120			
Xylene (o)	1.42	0.0250	"	1.25		114	80-120			
Surrogate: a,a,a-Trifluorotoluene	38.7		ug/kg	40.0		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	42.3		"	40.0		106	80-120			

Environmental Lab of Texas

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Page 6 of 9

Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH61717 - EPA 5030C (GC)

Calibration Check (EH61717-CCV1)

Prepared & Analyzed: 08/17/06

Benzene	53.6		ug/kg	50.0		107	80-120			
Toluene	54.5		"	50.0		109	80-120			
Ethylbenzene	53.6		"	50.0		107	80-120			
Xylene (p/m)	107		"	100		107	80-120			
Xylene (o)	53.0		"	50.0		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.5		"	40.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	41.4		"	40.0		104	80-120			

Matrix Spike (EH61717-MS1)

Source: 6H17002-05

Prepared & Analyzed: 08/17/06

Benzene	1.25	0.0250	mg/kg dry	1.40	ND	89.3	80-120			
Toluene	1.41	0.0250	"	1.40	ND	101	80-120			
Ethylbenzene	1.29	0.0250	"	1.40	ND	92.1	80-120			
Xylene (p/m)	2.97	0.0250	"	2.81	ND	106	80-120			
Xylene (o)	1.40	0.0250	"	1.40	ND	100	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.3		ug/kg	40.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	46.0		"	40.0		115	80-120			

Matrix Spike Dup (EH61717-MSD1)

Source: 6H17002-05

Prepared & Analyzed: 08/17/06

Benzene	1.42	0.0250	mg/kg dry	1.40	ND	101	80-120	12.3	20	
Toluene	1.60	0.0250	"	1.40	ND	114	80-120	12.1	20	
Ethylbenzene	1.50	0.0250	"	1.40	ND	107	80-120	15.0	20	
Xylene (p/m)	3.36	0.0250	"	2.81	ND	120	80-120	12.4	20	
Xylene (o)	1.62	0.0250	"	1.40	ND	116	80-120	14.8	20	
Surrogate: a,a,a-Trifluorotoluene	41.2		ug/kg	40.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	44.4		"	40.0		111	80-120			

Environmental Lab of Texas

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Elke Environmental
P.O. Box 14167
Odessa TX, 79768

Project: Trilogy
Project Number: None Given
Project Manager: Robert Spangler

Fax: (432) 366-0884

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EH61801 - General Preparation (Prep)

Blank (EH61801-BLK1)

Prepared: 08/17/06 Analyzed: 08/18/06

% Solids 100 %

Duplicate (EH61801-DUP1)

Source: 6H17001-01

Prepared: 08/17/06 Analyzed: 08/18/06

% Solids 94.2 % 93.0 1.28 20

Batch EH61804 - Water Extraction

Blank (EH61804-BLK1)

Prepared & Analyzed: 08/18/06

Chloride ND 0.500 mg/kg

LCS (EH61804-BS1)

Prepared & Analyzed: 08/18/06

Chloride 9.72 0.500 mg/kg 10.0 97.2 80-120

Calibration Check (EH61804-CCV1)

Prepared & Analyzed: 08/18/06

Chloride 9.69 mg/L 10.0 96.9 80-120

Duplicate (EH61804-DUP1)

Source: 6H16008-19

Prepared & Analyzed: 08/18/06

Chloride 2580 50.0 mg/kg 2670 3.43 20

Duplicate (EH61804-DUP2)

Source: 6H16008-22

Prepared & Analyzed: 08/18/06

Chloride 204 10.0 mg/kg 213 4.32 20

Matrix Spike (EH61804-MS1)

Source: 6H16008-19

Prepared & Analyzed: 08/18/06

Chloride 3820 50.0 mg/kg 1000 2670 115 80-120

Matrix Spike (EH61804-MS2)

Source: 6H16008-22

Prepared & Analyzed: 08/18/06

Chloride 433 10.0 mg/kg 200 213 110 80-120

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Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:

Raland K. Tuttle

Date:

8/21/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

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Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12800 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Robert Spangler

Company Name: Elke Environmental, Inc.

Company Address: 4817 Andrews Hwy

City/State/Zip: Odessa, TX 79762

Telephone No: 432-366-0043

Sampler Signature: Robert Spangler

Fax No: 432-366-0884

e-mail: eik@env@yahoo.com

Project Name: Trilogy

Project #: _____

Project Loc: Schubert Farms #1

PO #: _____

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #: QTH17002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₈	None	Other (Specify)	DW=Drinking Water SL=Sludge	GW = Groundwater SP=Soil/Solid	NP=Non-Petroleum Specify Other	TPH: 418.1 801.55 1005 1006	Calcium (Ca, Mg, Na, K)	Anions (SO ₄ , CO ₃ , HCO ₃)	SAR/ESP/CEC	Metals: As Ag Ba Cd Cr Pb Hg S Se	Volatiles	Semivolatiles	BTX (B, T, X) or PTEX (B, T, X, P)	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
01	TP1 @ 21' BGS		21'	8-15-06	9am	1	1								S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

Special Instructions:

Please Email Results to Eik@env@yahoo.com

Relinquished by: <u>Robert Spangler</u>	Date: <u>08-17-06</u>	Time: <u>1105</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by ELOT: <u>Jeanie morning</u>	Date: <u>08-17-06</u>	Time: <u>1105</u>

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Custody seals on container(s)

Custody seals on cooler(s)

Sample Hand Delivered

by Sampler/Client Rep.?

by Courier?

UPS

DHL

FedEx

Lone Star

Temperature Upon Receipt:

w/labels

12.0 °C

No ice in cooler

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

as: Elke Environmental
tel/ Time: 08-17-06 @ 1105
b ID #: 6H17002
tials: JMM

Sample Receipt Checklist

				Client Initials
Temperature of container/ cooler?	<u>(Yes)</u>	No	12.0 °C	RS
Shipping container in good condition?	<u>(Yes)</u>	No		
Custody Seals intact on shipping container/ cooler?	<u>(Yes)</u>	No	Not Present	
Custody Seals intact on sample bottles/ container?	<u>(Yes)</u>	No	Not Present	
Chain of Custody present?	<u>(Yes)</u>	No		
Sample instructions complete of Chain of Custody?	<u>(Yes)</u>	No		
Chain of Custody signed when relinquished/ received?	<u>(Yes)</u>	No		
Chain of Custody agrees with sample label(s)?	<u>(Yes)</u>	No	ID written on Cont./ Lid	
Container label(s) legible and intact?	<u>(Yes)</u>	No	Not Applicable	
Sample matrix/ properties agree with Chain of Custody?	<u>(Yes)</u>	No		
Containers supplied by ELOT?	<u>(Yes)</u>	No		
Samples in proper container/ bottle?	<u>(Yes)</u>	No	See Below	RS
Samples properly preserved?	Yes	<u>(No)</u>	See Below	RS
Sample bottles intact?	<u>(Yes)</u>	No		
Preservations documented on Chain of Custody?	<u>(Yes)</u>	No	No Ice In cooler	
Containers documented on Chain of Custody?	<u>(Yes)</u>	No		
Sufficient sample amount for indicated test(s)?	<u>(Yes)</u>	No	See Below	
All samples received within sufficient hold time?	<u>(Yes)</u>	No	See Below	
VOC samples have zero headspace?	<u>(Yes)</u>	No	Not Applicable	

Variance Documentation

Contact: Robert Spangler Contacted by: Jeanne McMurray Date/ Time: 08-17-06 @ 1105
Regarding: sample temp 12°C

Corrective Action Taken:

Check all that Apply:

- ☐ See attached e-mail/ fax
☒ Client understands and would like to proceed with analysis
☐ Cooling process had begun shortly after sampling event



Torn Liner #1



Torn Liner #2



Torn Liner #3



Pulling water off of pit



Digging burial pit



Burial pit after liner



Putting mud in burial pit



TP3 - Clean @ 19'



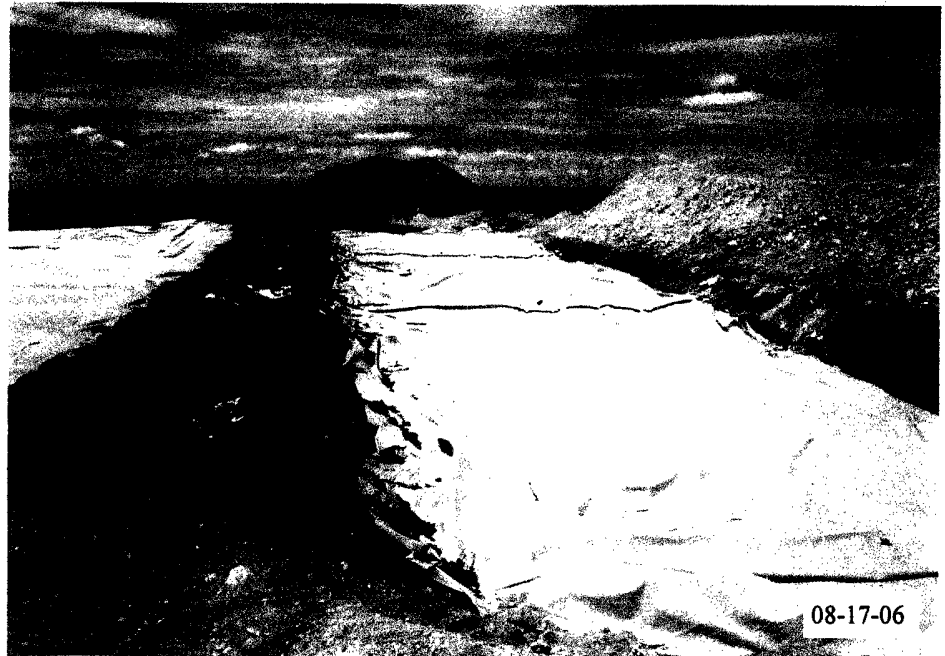
TP4 Clean @ 21'



TP5 Clean @ 11'



Reserve pit after 20 ml cap



Burial pit after 20 ml cap



Finished with top soil



Finished with top soil

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: Trilogy Operating, Inc. Telephone: 432-686-2027 e-mail address: _____
Address: P. O. Box 7606 Midland, Tx. 79708
Facility or well name: Schubert Farms #001 API #: 30-025-37548 U/L or Qtr/Qtr B Sec 25 T 19s R 38e
County: Lea Latitude 32°38'14.91"N Longitude 103°05'53.96"W NAD: 1927 ☐ 1983 ☐
Surface Owner: Federal ☐ State ☐ Private ☒ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) X 100 feet or more (0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) X
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) X
Ranking Score (Total Points) 10 Points	

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: Drilling Pit Closure Report : See attached closure summary

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

Date: 8-28-06

Printed Name/Title C. H. Kerby - Elke Environmental/Agent Signature C. H. Kerby

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title _____ Signature _____ Date: _____