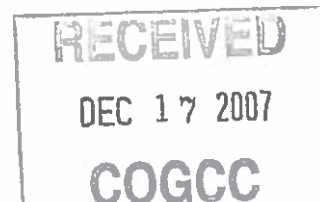




2060 W. Littleton Boulevard ★ Littleton, Colorado 80120 ★ 303-795-2500 ★ Fax 303-795-7746

Mr. Rick Eggleston  
Petro-Canada Resources (USA) Inc.  
999 18th Street, Suite 600  
Denver, Colorado 80202



**ENVIRONMENTAL SITE ASSESSMENT OF PETRO-CANADA RESOURCES  
SCHROEDER #23-33 WELL SITE, WELD COUNTY, COLORADO,  
TOWNSHIP 6 NORTH, RANGE 64 WEST, SECTION 23**

Western Project #07149

December 11, 2007

Dear Mr. Eggleston:

Western Environmental Technologies, Inc. (Western) performed environmental sampling and testing at the subject site. Cleanup and release investigation operations were also documented by Western. Western personnel obtained samples of subsurface soil, ground water, and stream sediments. The locations of the obtained samples are documented on an attached map.

**SCOPE OF WORK**

Petro-Canada Resources (USA) Inc. operates a gas well on the subject property. The well was installed in crop fields where corn and wheat are grown. The site is located northeast of the intersections of County Road 57 and County Road 66 in Weld County, Colorado. The Schroeder #23-33 well was drilled and completed in March, 2007. The Schroeder #23-33 well was then put into production.

During the drilling of the well, a reserve pit was dug south of the well head location. The corn field on the lease is underlain by a ground water drainage system. A network of tile pipes removes ground water and empties into an irrigation ditch located east of the site. Normally, ground water from the field drainage system flows into the irrigation ditch through the drainage tiles and a metal culvert installed beneath the location access road. After drilling and completing the well, a farmer growing crops on the property suspected that his field did not drain properly, as a result of the recent drilling operations.

Petro-Canada personnel mobilized equipment to uncover and determine where a clog or obstruction in the system might exist. A backhoe was used to dig test excavations on the property. The excavations were to uncover the drainage system to allow repairs. During initial test excavations on December 5, 2007 a tile drainage pipe was accidentally broken. Water flowing through the pipe was observed to have a sheen.

Petro-Canada personnel then mobilized more equipment and materials to the project site. Oil booms were immediately placed into the irrigation ditch. A large excavation was dug to capture water flowing from the broken field drainage system pipe. Oil booms and bales of straw were placed into the pit. A large capacity water pump trailer moved recovered ground water from the pit into frac tanks. Ground water generated at the site could then be prevented from discharging into the nearby irrigation ditch.

Western personnel obtained soil samples from the test holes advanced on-site. All soil samples were analyzed for BTEX and Total Recoverable Petroleum Hydrocarbons (TRPH). EPA method 8260B was used to test soil and water for BTEX compounds. EPA laboratory method 418.1 was used to prepare and analyze site soil, sediment and ground water samples for TRPH compounds.

Western personnel used portable test instruments while conducting the suspected release assessment. A calibrated Rae Systems model PGM-50 multi-gas monitor was used to field screen site soil and water samples. The instrument did not detect any measurable concentrations of volatile organic gasses on any soil, sediment or water samples obtained from the site. The head space test method was used to conduct field screening.

Western personnel also obtained a water sample from the drainage discharge culvert to determine if any hydrocarbons were reaching the nearby irrigation ditch. A ground water sample was also obtained from the frac tanks used to store the pumped ground water. The locations of the samples obtained from the assessment are indicated on an attached site map.

All samples were obtained using decontaminated equipment. Laboratory chain-of-custody forms were completed to document sample acquisition, handling and testing. All samples were immediately labeled and cooled. All samples were analyzed by Technology Laboratory located in Fort Collins, Colorado. Soils and water samples were prepared and analyzed using EPA methods and procedures.

## **SUMMARY OF LABORATORY TESTING**

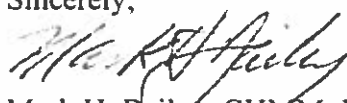
A total of six soil samples and four water samples were obtained for this release assessment. None of the samples contained measurable volatile gasses via head space testing. The soil samples obtained from test pits contained no detectable BTEX compounds. Trace concentration of Ethyl benzene and Xylenes were documented in a sediment sample taken from the field drainage tile piping system. Both BTEX and TRPH concentrations in soil are within Colorado Oil & Gas Conservation Commission Standards for a Sensitive Area site. All water samples tested are also within water quality limits. Laboratory testing results are presented in Table One and Table Two (attached).

## ASSESSMENT PROJECT SUMMARY

Environmental assessments conducted at and near this location did not document a reportable release of oil or other substances to site soil or area ground water. Ground water generated during this project was contained, tested and properly disposed. It is most likely that the detected hydrocarbons resulted from past Petro-Canada drilling operations on the lease.

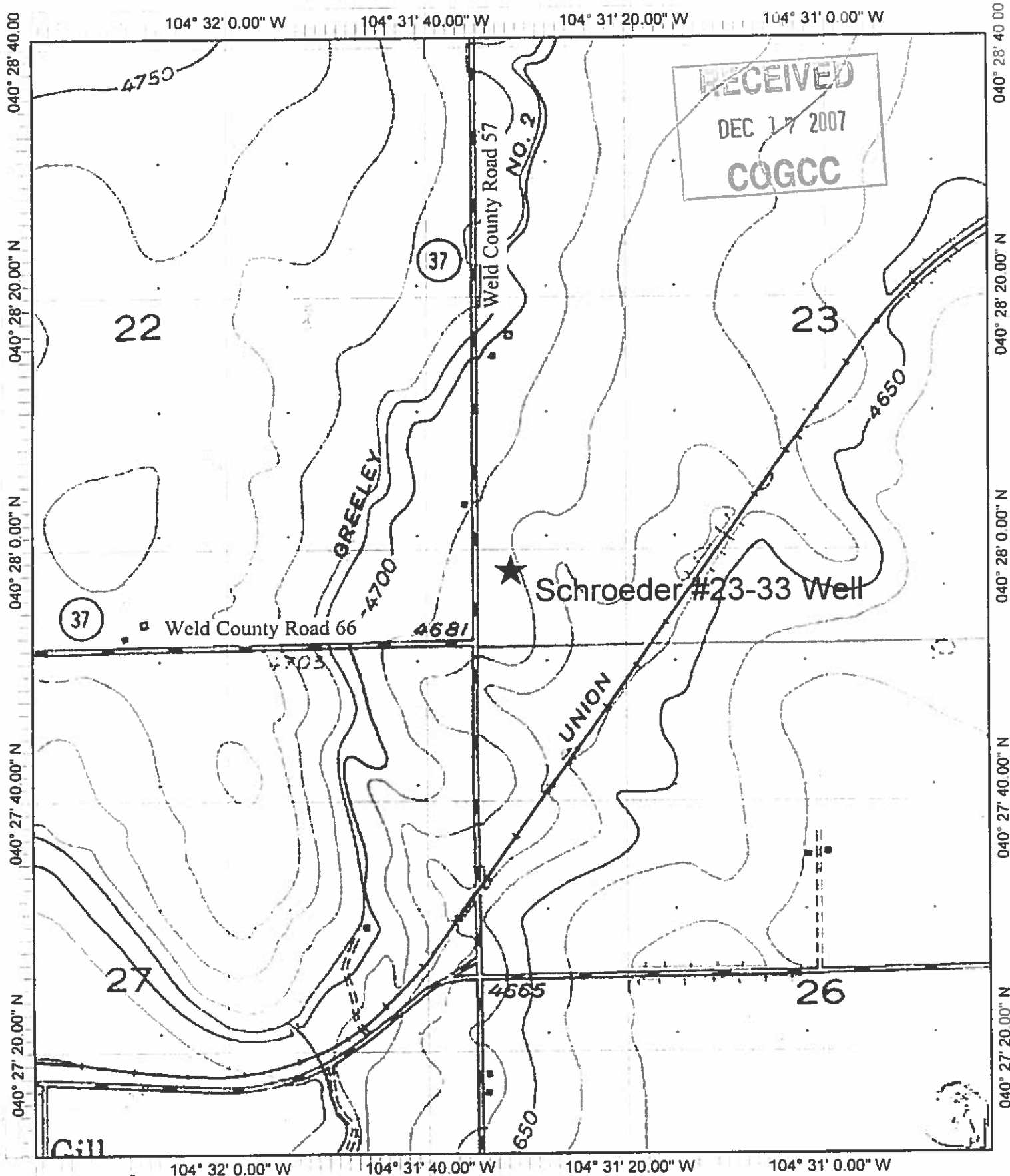
The source area of the detected hydrocarbons in site samples is thought to be near the Schroeder #23-33 drilling location. Repairs have been completed to the farm field drainage system. Clay sediment and solid debris were removed from the farm field tile pipes. The drainage system now appears to be functioning properly. No further actions or assessments are planned for the location. Please contact us with any questions which you may have.

Sincerely,



Mark H. Bailey, CHMM, PG, REP - Senior Environmental Scientist  
Western Environmental Technologies, Inc.

Attachments: Petro-Canada Schroeder #23-33 Topographic Map	(1 page)
Schroeder #23-33 Site Features and Sample Location Map	(1 page)
Project Photographs 1 - 8	(4 pages)
Analytical Summary Tables 1 & 2	(2 pages)
Technology Laboratory Testing Data Reports	(12 pages)



<Default> - 1 Markers, Length = 0 feet

Schroeder #23-33 Well - 040° 27' 57.9" N, 104° 31' 31.5" W

Petro-Canada Resources USA - Schroeder #23-33 Well Site Topographic Map  
 Township 64 West, Range 64 West, Section 23, Weld County, Colorado

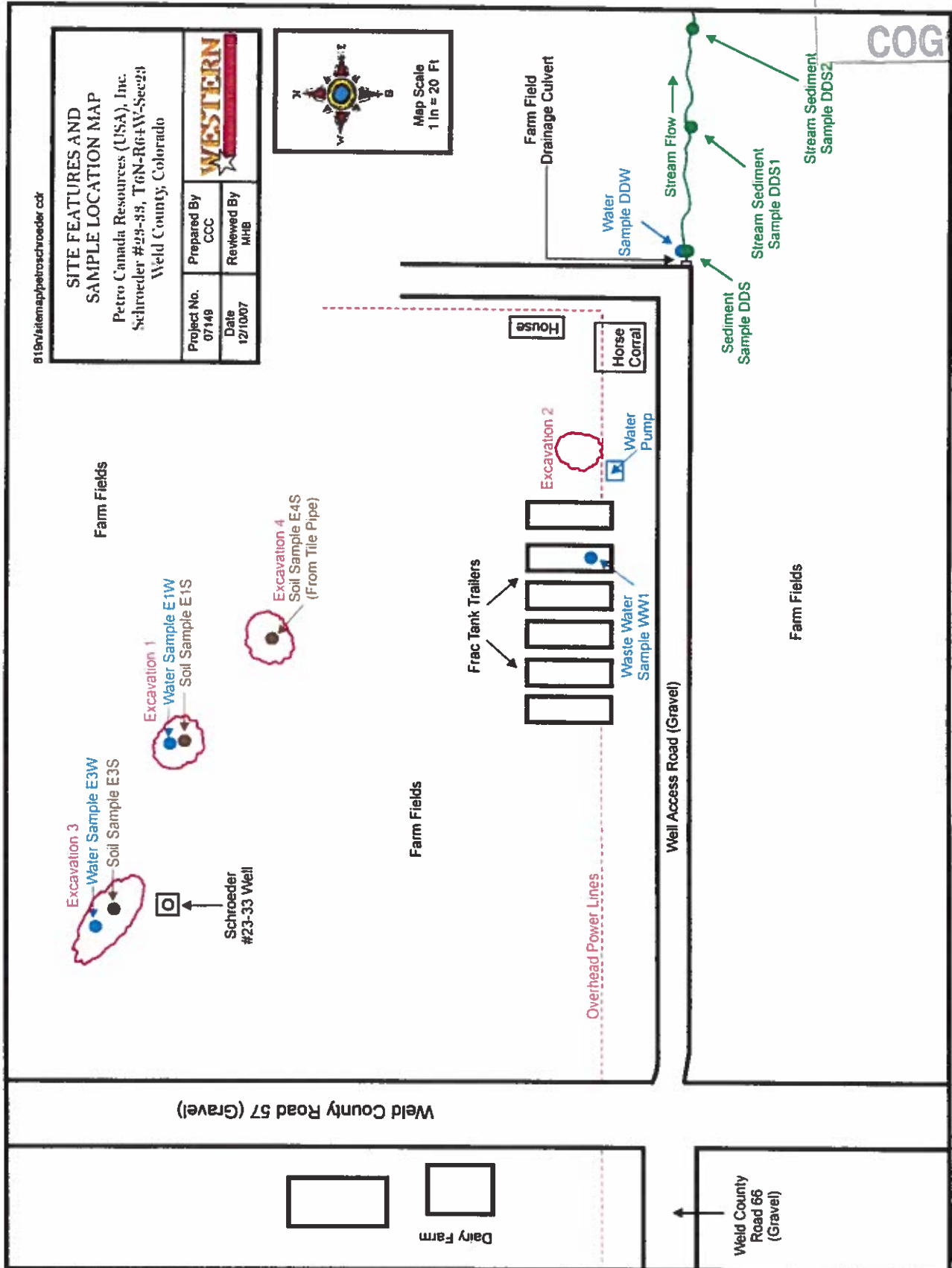
Map Scale 1 Inch = 2,000 Feet

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**Photo 1 - View of Schroeder lease facing to the east. Schroeder well head is in middle of field.**



**Photo 2 - Photograph of broken field drainage tile. The drainage system is buried 6 feet below grade.**





**Photo 3 -** View of section of removed drainage tile pipe. The pipe was clogged with clay.



**Photo 4 -** Photo of field drainage water discharge. The culvert is buried beneath the access road.





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**Photo 5** - A vacuum truck recovers ground water from a test excavation.



**Photo 6** - Oil sorbent booms were placed into a nearby irrigation ditch.





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**Photo 7** - Petro-Canada dug and excavation to recover water draining from the farm field drainage system. A large capacity pump moved recovered waste liquids into frac tanks.



**Photo 8** - A view of frac tanks mobilized to the site to store recovered liquids.

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**TABLE ONE**  
**PETRO-CANADA RESOURCES, SCHROEDER #23-33 RELEASE ASSESSMENT,**  
**TOWNSHIP 6 NORTH, RANGE 64 WEST, SECTION 23, WELD COUNTY, COLORADO**  
**SOIL AND SEDIMENT TEST RESULTS SUMMARY TABLE**

Sample Number	Date	Sample Location Description	BTEX Concentrations in $\mu\text{g/L}$ (ppb)	TRPH Concentrations in mg/Kg (ppm)
Schroeder DDS	12/6/07	Drainage ditch soil at culvert outfall	ND*	227
Schroeder E1S	12/6/07	Soil sample from 7' depth in test excavation #1	ND	904
Schroeder E3S	12/6/07	Soil from 6' depth in test excavation #3	ND	ND
Schroeder DSS1	12/6/07	Drainage sediment sample 200' downstream	ND	ND
Schroeder DSS2	12/6/07	Drainage sediment sample 400' downstream	ND	ND
Schroeder E4S**	12/7/07	Sediment from tile drain pipe in test excavation #4	Benzene - ND Toluene - ND Ethylbenzene - 10.3 Xylenes - 193	458

**ND\* Compounds analyzed for but not detected in sample.**

Schroeder E4S\*\* = This sample was also tested for soluble Phosphorus and Nitrates. There was no soluble Phosphorus detected in the pipe sediment sample. Soluble Nitrates in the sediment were documented at a concentration of 2 mg/L (ppm).

**TABLE TWO**  
**PETRO-CANADA RESOURCES, SCHROEDER #23-33 RELEASE ASSESSMENT,**  
**TOWNSHIP 6 NORTH, RANGE 64 WEST, SECTION 23, WELD COUNTY, COLORADO**  
**WATER TEST RESULTS SUMMARY TABLE**

Sample Number	Date	Sample Location Description	BTEX Concentrations in µg/L (ppb)	TRPH Concentrations in mg/Kg (ppm)
Schroeder DDW	12/6/07	Drainage system ground water from culvert	ND*	ND
Schroeder E1W	12/6/07	Ground water from test excavation #1	ND	768
Schroeder E3W	12/6/07	Ground water from test excavation #3	ND	ND
Schroeder WW1***	12/7/07	Ground water sample from frac tanks	Benzene - ND Toluene - 5.8 Ethylbenzene - 1.3 Xylenes - 25.7	64.0

**ND\* Compounds analyzed for but not detected in sample.**

Schroeder WW1\*\*\* - Sample was also tested for EPA Corrosivity, Reactivity and Ignitability. The ground water was documented to be non-corrosive, non-reactive and a non-ignitable waste.





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W.O. NUMBER 5152

# CHAIN-OF-CUSTODY REPORT

COMPANY NAME		ANALYSIS REQUESTED		OTHER	
PROJECT NUMBER		DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
PROJECT LOCATION OR NAME		SAMPLE ID		HOLD, DON'T ANALYZE	
ANALYZER SIGNATURE		DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Western Environmental Technologies, Inc.	Mark Bailey	Schroeder 23-33-DDW	12-6-07 1040		
PROJECT NUMBER	Project #07149	Schroeder 23-33-DDS	12-6-07 1045		
PROJECT LOCATION OR NAME	Petio Canada Schroeder 23-33, T10N-R14W-Sec 23	Schroeder E1W	12-6-07 1240		
ANALYZER SIGNATURE	<i>Mark Bailey</i>	Schroeder E1S	12-6-07 1305		
		Schroeder E3W	12-6-07 1330		
		Schroeder E3S	12-6-07 1350		
		Schroeder D5S1	12-6-07 1410		
		Schroeder D5S2	12-6-07 1420		

ANALYSIS REQUESTED		OTHER	
DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
SAMPLE ID		HOLD, DON'T ANALYZE	
DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Schroeder 23-33-DDW	12-6-07 1040		
Schroeder 23-33-DDS	12-6-07 1045		
Schroeder E1W	12-6-07 1240		
Schroeder E1S	12-6-07 1305		
Schroeder E3W	12-6-07 1330		
Schroeder E3S	12-6-07 1350		
Schroeder D5S1	12-6-07 1410		
Schroeder D5S2	12-6-07 1420		

ANALYSIS REQUESTED		OTHER	
DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
SAMPLE ID		HOLD, DON'T ANALYZE	
DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Schroeder 23-33-DDW	12-6-07 1040		
Schroeder 23-33-DDS	12-6-07 1045		
Schroeder E1W	12-6-07 1240		
Schroeder E1S	12-6-07 1305		
Schroeder E3W	12-6-07 1330		
Schroeder E3S	12-6-07 1350		
Schroeder D5S1	12-6-07 1410		
Schroeder D5S2	12-6-07 1420		

ANALYSIS REQUESTED		OTHER	
DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
SAMPLE ID		HOLD, DON'T ANALYZE	
DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Schroeder 23-33-DDW	12-6-07 1040		
Schroeder 23-33-DDS	12-6-07 1045		
Schroeder E1W	12-6-07 1240		
Schroeder E1S	12-6-07 1305		
Schroeder E3W	12-6-07 1330		
Schroeder E3S	12-6-07 1350		
Schroeder D5S1	12-6-07 1410		
Schroeder D5S2	12-6-07 1420		

ANALYSIS REQUESTED		OTHER	
DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
SAMPLE ID		HOLD, DON'T ANALYZE	
DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Schroeder 23-33-DDW	12-6-07 1040		
Schroeder 23-33-DDS	12-6-07 1045		
Schroeder E1W	12-6-07 1240		
Schroeder E1S	12-6-07 1305		
Schroeder E3W	12-6-07 1330		
Schroeder E3S	12-6-07 1350		
Schroeder D5S1	12-6-07 1410		
Schroeder D5S2	12-6-07 1420		

ANALYSIS REQUESTED		OTHER	
DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
SAMPLE ID		HOLD, DON'T ANALYZE	
DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Schroeder 23-33-DDW	12-6-07 1040		
Schroeder 23-33-DDS	12-6-07 1045		
Schroeder E1W	12-6-07 1240		
Schroeder E1S	12-6-07 1305		
Schroeder E3W	12-6-07 1330		
Schroeder E3S	12-6-07 1350		
Schroeder D5S1	12-6-07 1410		
Schroeder D5S2	12-6-07 1420		

ANALYSIS REQUESTED		OTHER	
DATE/TIME SAMPLED		HOLD AFTER ANALYSIS	
SAMPLE ID		HOLD, DON'T ANALYZE	
DATE/TIME SAMPLED		HOLD, DON'T ANALYZE	
Schroeder 23-33-DDW	12-6-07 1040		
Schroeder 23-33-DDS	12-6-07 1045		
Schroeder E1W	12-6-07 1240		
Schroeder E1S	12-6-07 1305		
Schroeder E3W	12-6-07 1330		
Schroeder E3S	12-6-07 1350		
Schroeder D5S1	12-6-07 1410		
Schroeder D5S2	12-6-07 1420		

D.C. #133



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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sample ID: Schroeder23-33-DDW

Laboratory ID 5152-01

Sampled: 12/06/07

Received: 12/06/07

Project No.: 07149

Matrix: Water

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 0.5	µg/L	EPA-8260B	12/06/07
108-88-3	Toluene	< 0.5	µg/L	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 0.5	µg/L	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 0.5	µg/L	EPA-8260B	12/06/07
N/A	TRPH	< 5.0	mg/L	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	110	68-120
Toluene-d8	91	81-128
Bromofluorobenzene	108	70-113



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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/06/07

Received: 12/06/07

Sample ID: Schroeder E1W

Project No.: 07149

Laboratory ID 5152-02

Matrix: Water

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 0.5	µg/L	EPA-8260B	12/06/07
108-88-3	Toluene	< 0.5	µg/L	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 0.5	µg/L	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 0.5	µg/L	EPA-8260B	12/06/07
N/A	TRPH	768	mg/L	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Bromofluoromethane	100	68-120
Toluene-d8	90	81-128
Bromofluorobenzene	108	70-113

*Bio Energy*





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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/06/07

Received: 12/06/07

Sample ID: Schroeder E3W

Project No.: 07149

Laboratory ID 5152-03

Matrix: Water

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 0.5	µg/L	EPA-8260B	12/06/07
108-88-3	Toluene	< 0.5	µg/L	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 0.5	µg/L	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 0.5	µg/L	EPA-8260B	12/06/07
N/A	TRPH	< 5.0	mg/L	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	104	68-120
Toluene-d8	92	81-128
Bromofluorobenzene	108	70-113

*Brian Emery*



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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/06/07

Received: 12/06/07

Sample ID: Schroeder22-33-DDS

Project No.: 07149

Laboratory ID 5152-04

Matrix: Soil

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
108-88-3	Toluene	< 2.0	µg/Kg	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 2.0	µg/Kg	EPA-8260B	12/06/07
N/A	TRPH	227	mg/Kg	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	113	68-120
Toluene-d8	92	81-128
Bromofluorobenzene	108	70-113



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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/06/07

Received: 12/06/07

Sample ID: Schroeder E1S

Project No.: 07149

Laboratory ID 5152-05

Matrix: Soil

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
108-88-3	Toluene	< 2.0	µg/Kg	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 2.0	µg/Kg	EPA-8260B	12/06/07
N/A	TRPH	904	mg/Kg	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	108	68-120
Toluene-d8	91	81-128
Bromofluorobenzene	110	70-113

*Brian Emery*





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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/06/07

Received: 12/06/07

Sample ID: Schroeder E3S

Project No.: 07149

Laboratory ID 5152-06

Matrix: Soil

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
108-88-3	Toluene	< 2.0	µg/Kg	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 2.0	µg/Kg	EPA-8260B	12/06/07
N/A	TRPH	< 5.0	mg/Kg	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	110	68-120
Toluene-d8	91	81-128
Bromofluorobenzene	110	70-113

*Bill Emery*



# TECHNOLOGY LABORATORY, INC.

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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sample ID: Schroeder DSS1

Laboratory ID 5152-07

Sampled: 12/06/07

Received: 12/06/07

Project No.: 07149

Matrix: Soil

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
108-88-3	Toluene	< 2.0	µg/Kg	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 2.0	µg/Kg	EPA-8260B	12/06/07
N/A	TRPH	< 5.0	mg/Kg	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	112	68-120
Toluene-d8	91	81-128
Bromofluorobenzene	109	70-113

*Bill Purdy*



# TECHNOLOGY LABORATORY, INC.

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### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/06/07

Received: 12/06/07

Sample ID: Schroeder DSS2

Project No.: 07149

Laboratory ID 5152-08

Matrix: Soil

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
108-88-3	Toluene	< 2.0	µg/Kg	EPA-8260B	12/06/07
100-41-4	Ethylbenzene	< 2.0	µg/Kg	EPA-8260B	12/06/07
1330-20-7	Total Xylenes	< 2.0	µg/Kg	EPA-8260B	12/06/07
N/A	TRPH	< 5.0	mg/Kg	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	113	68-120
Toluene-d8	91	81-128
Bromofluorobenzene	111	70-113

*Bill Emery*





**TECHNOLOGY LABORATORY, INC.****CENTRE PROFESSIONAL PARK**

1012 Centre Avenue  
Fort Collins, Colorado 80526  
(970) 490-1414

**CERTIFICATE OF ANALYSIS**

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sampled: 12/07/07

Received: 12/07/07

Sample ID: Schroeder23-33 E4S

Project No.: 07149

Laboratory ID: 5157-01

Matrix: Soil

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 2.0	µg/Kg	EPA-8260B	12/07/07
108-88-3	Toluene	< 2.0	µg/Kg	EPA-8260B	12/07/07
100-41-4	Ethylbenzene	10.3	µg/Kg	EPA-8260B	12/07/07
1330-20-7	Total Xylenes	193	µg/Kg	EPA-8260B	12/07/07
	Nitrate-N	2.1	mg/Kg	EPA-300.1	12/10/07
	Phosphate-P	< 0.25	mg/Kg	EPA-300.1	12/10/07
N/A	TRPH	458	mg/Kg	EPA-418.1	12/07/07

**QA/QC SURROGATE RECOVERIES**

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	113	68-120
Toluene-d8	101	81-128
Bromofluorobenzene	99	70-113



# TECHNOLOGY LABORATORY, INC.

## CENTRE PROFESSIONAL PARK

1012 Centre Avenue  
Fort Collins, Colorado 80526  
(970) 490-1414

### CERTIFICATE OF ANALYSIS

Western Environmental Technologies, Inc.  
2060 West Littleton Blvd  
Littleton, CO 80120

Sample ID: Schroeder23-33 WW1

Laboratory ID 6157-02

Sampled: 12/07/07

Received: 12/07/07

Project No.: 07149

Matrix: Water

<u>CAS Number</u>	<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Date Analyzed</u>
71-43-2	Benzene	< 0.5	µg/L	EPA-8260B	12/07/07
108-88-3	Toluene	5.8	µg/L	EPA-8260B	12/07/07
100-41-4	Ethylbenzene	1.3	µg/L	EPA-8260B	12/07/07
1330-20-7	Total Xylenes	25.7	µg/L	EPA-8260B	12/07/07
N/A	Ignitability	> 140	Degrees F	EPA-1010	12/08/07
N/A	pH	6.98	Units	EPA-150.1	12/08/07
N/A	Reactivity H <sub>2</sub> S	< 20	mg/L	EPA-9030B	12/08/07
N/A	Reactivity HCN	< 2.0	mg/L	EPA-9010B	12/08/07
N/A	TRPH	64.0	mg/L	EPA-418.1	12/07/07

### QA/QC SURROGATE RECOVERIES

<u>Compound</u>	<u>% Recovery</u>	<u>% Rec. Limits</u>
Dibromofluoromethane	110	69-120
Toluene-d <sub>8</sub>	92	81-128
Bromofluorobenzene	110	70-113

*Bob Gentry*