

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

Form C-144  
June 1, 2004

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

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

9118  
**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: DEVON ENERGY PRODUCTION COMPANY, L.P. Telephone: 505-327-4573 e-mail address: mike@pippinllc.com  
Address: c/o Mike Pippin LLC, 3104 N. Sullivan, Farmington, NM 87401  
Facility or well name: Northeast Blanco Unit #19N API #: 30-039-30216 U/L or Qtr/Qtr P Sec 20 T 30-N R 07-W  
County: Rio Arriba Latitude 36.79401 Longitude 107.58814 NAD: 1927 ☐ 1983 ☒  
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

**Pit**

Type: Drilling ☒ Production ☐ Disposal ☐

Workover ☐ Emergency ☐

Lined ☒ Unlined ☐

Liner type: Synthetic ☒ Thickness 12 mil Clay ☐

Pit Volume 8357 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ 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)

100 feet or more

( 0 points) X

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

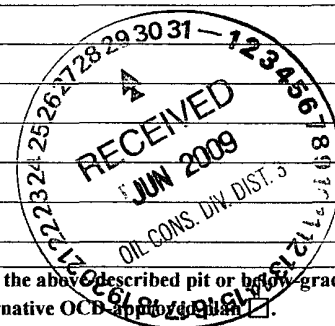
( 0 points) X

**Ranking Score (Total Points)**

0

**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



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 OGD application ☐.

Date: 6/25/09

Printed Name/Title Mike Pippin - Petroleum Engineer

Signature Mike Pippin

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 Jonathan D. Kelly - Compliance Officer

Signature Jonathan D. Kelly

Date: 10/28/2011

DEVON ENERGY PRODUCTION COMPANY, L.P.  
c/o Mike Pippin LLC  
3104 N. Sullivan  
Farmington, NM 87401  
(505) 327-4573

6/25/09

## DESCRIPTION OF DRILL PIT CLOSING

### NORTHEAST BLANCO UNIT #19N

Pit Closing date: 5/6/08

1. Remove the fencing around the drilling pit.
2. Cut liner off at mud level and haul off to disposal facility.
3. Using track-hoe, mix any soft spots & cover pit with dry top soil.
4. Lay back slopes & all disturbed areas.
5. Ripped pit area and location for seeding.
6. Re-seeded 3.0 acres with 60 lbs (Southwest Colorado Seed BLM less than 10" BLM NM/CO Certified Mix) seed on 4/26/09 using broadcast & harrow.

**Castro, Melisa**

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**From:** Castro, Melisa  
**Sent:** Monday, August 11, 2008 3:58 PM  
**To:** SLO Contact  
**Subject:** NEBU 19N Temporary Pit Closure Notification  
**Attachments:** Pit Closure Plan.doc

Devon Energy Corporation  
20 North Broadway  
Oklahoma City, OK 73102-8260

405 552 7917 Phone  
[www.devonenergy.com](http://www.devonenergy.com)

August 11, 2008

IN RE: NEBU 19N  
API # 30-039-30216  
SE SE 1,225' FSL & 785' FEL  
Sec. 20, T30N, R7W  
Rio Arriba County, New Mexico

VIA EMAIL:

Dear Mr. Martinez,

This submittal is pursuant to Rule 19.15.17.13 requiring operators to notify the surface owners of an on-site burial of a temporary pit. Devon Energy Production Company, L.P. is hereby providing written documentation of our intention to close the temporary pit associated with the aforementioned location by means of in place on-site burial.

Please feel free to contact me with any questions or require further information. My contact information is listed below.

Respectfully,

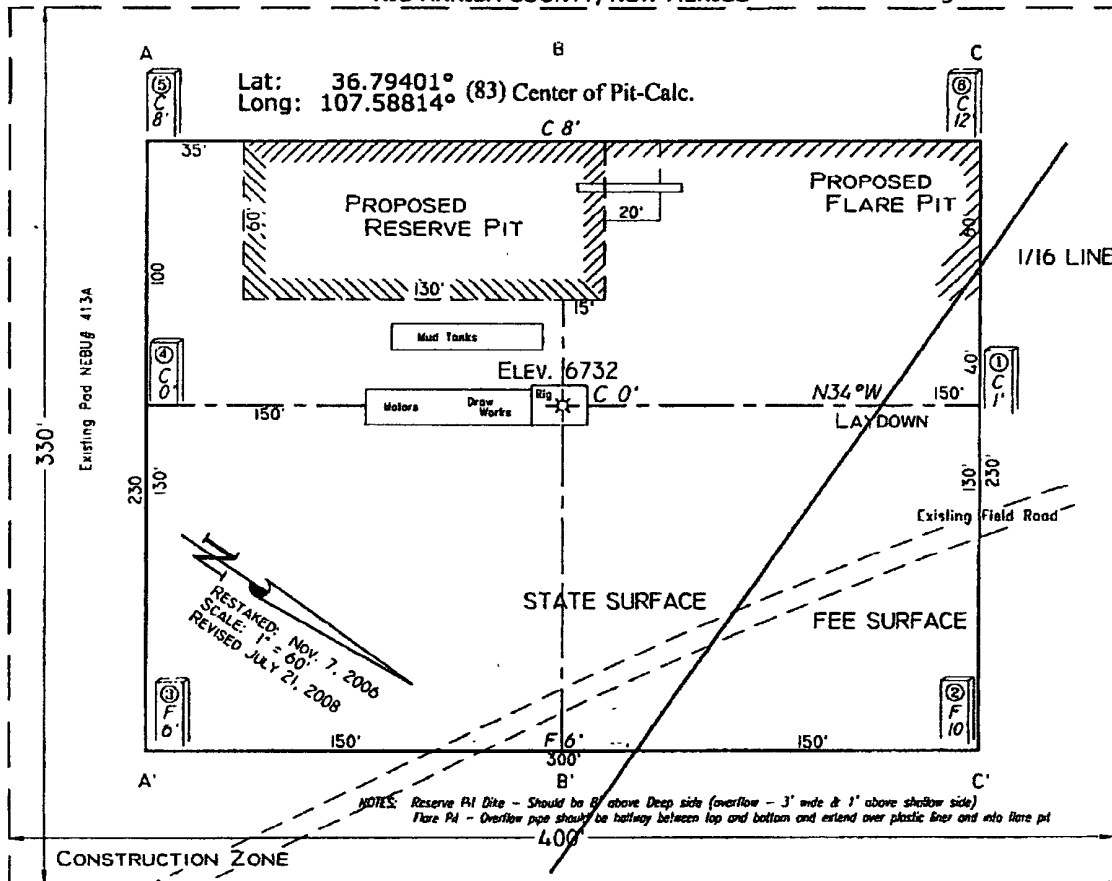
Melisa S. Castro  
Devon Energy Production Company, L.P.  
Senior Staff Operations Technician  
405-323-3184 - Cell.  
405-323-1357 - Fax  
[Melisa.Castro@devonenergy.com](mailto:Melisa.Castro@devonenergy.com)

8/11/2008

**PAD LAYOUT PLAN & PROFILE**  
**DEVON ENERGY PRODUCTION COMPANY, L.P.**

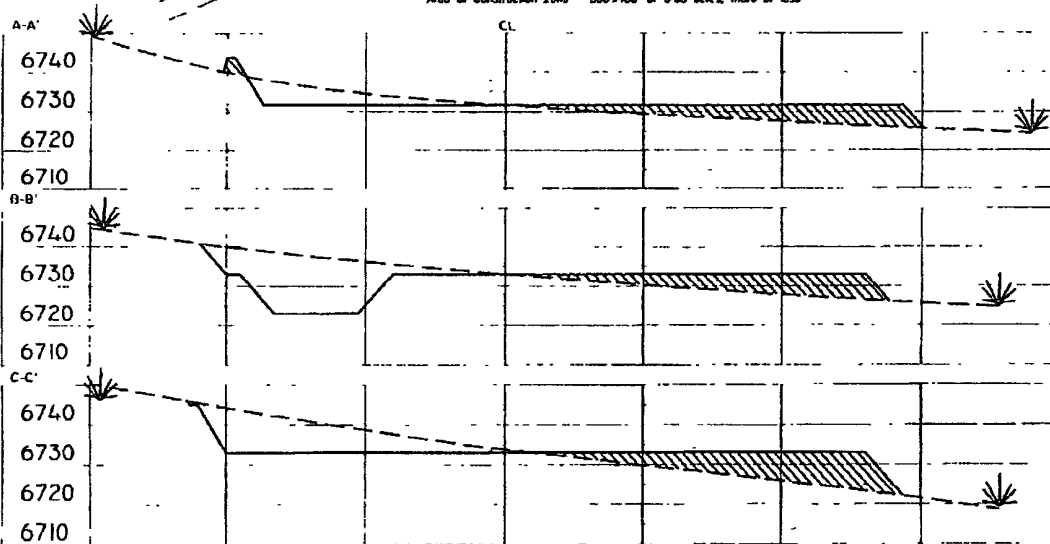
Nebu # 19N  
 1225' F/SL 785' F/EL  
 SEC. 20, T30N, R7W, N.M.P.M.  
 RIO ARriba COUNTY, NEW MEXICO

Lat: 36.79424° (83)  
 Long: 107.58805° (83)



Area of Construction Zone - 330'x400' or 303 acres, more or less

SCALE: 1"=60' HORIZ.  
 1"=40' VERT.



NOTE: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction.

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for sideslopes and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS  
 P. O. Box 1306  
 Farmington, NM

07/22/2008 8:12AM (GMT-05:00)

# CHAIN OF CUSTODY RECORD

5403

Client: <b>BLAGG/DEVON</b>			Project Name / Location: <b>RESERVE PIT SAMPLING</b>			ANALYSIS / PARAMETERS																																													
Client Address:			Sampler Name: <b>JEFF BLAGG</b>			<table border="1"> <tr> <th>TPH (Method 8015)</th> <th>BTEX (Method 8021)</th> <th>VOC (Method 8260)</th> <th>RCRA 8 Metals</th> <th>Cation / Anion</th> <th>RCI</th> <th>TCLP with H/P</th> <th>PAH</th> <th>TPH (418.1)</th> <th>CHLORIDE</th> <th></th> <th></th> <th></th> <th></th> <th>Sample Cool</th> <th>Sample Intact</th> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>														TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact																
TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI															TCLP with H/P	PAH	TPH (418.1)	CHLORIDE					Sample Cool	Sample Intact																						
Client Phone No.:			Client No.: <b>94034-010</b>																																																
Sample No./ Identification	Sample Date	Sample Time	Lab No.	Sample Matrix	No./Volume of Containers	Preservative HgCl <sub>2</sub> HCl																																													
NEBU 252H S-Pt comp.	9/24/03	1200	47482	Soil Sludge <u>Solid</u> Aqueous	1-4oz				X	X							X	X							✓	✓																									
NEBU 421A S-Pt comp.	"	1255	47483	Soil Sludge <u>Solid</u> Aqueous	"				X	X							X	X							✓	✓																									
NEBU 336 S-Pt comp.	"	1335	47484	Soil Sludge <u>Solid</u> Aqueous	"				X	X							X	X							✓	✓																									
NEBU 19N S-Pt comp.	9/25/03	1100	47485	Soil Sludge <u>Solid</u> Aqueous	"				X	X							X	X							✓	✓																									
				Soil Sludge Solid Aqueous																																															
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Relinquished by: (Signature) <i>Jeff Blagg</i>	Date 9/26/03	Time 1045	Received by: (Signature) <i>Kendall Augustin</i>	Date 9/26/03	Time 1045
Relinquished by: (Signature)			Received by: (Signature)		
Relinquished by: (Signature)			Received by: (Signature)		

**ENVIROTECH INC.**

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505-632-0615

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 19N 5-pt Comp	Date Reported:	10-02-08
Laboratory Number:	47485	Date Sampled:	09-25-08
Chain of Custody No:	5403	Date Received:	09-26-08
Sample Matrix:	Soil	Date Extracted:	09-30-08
Preservative:	Cool	Date Analyzed:	10-01-08
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	5.1	0.1
Total Petroleum Hydrocarbons	5.1	0.2

ND - Parameter not detected at the stated detection limit.

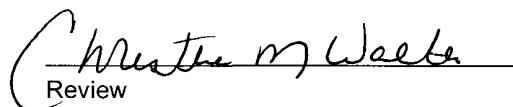
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Reserve Pit Sampling.**

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 19N 5-pt Comp	Date Reported:	10-02-08
Laboratory Number:	47485	Date Sampled:	09-25-08
Chain of Custody:	5403	Date Received:	09-26-08
Sample Matrix:	Soil	Date Analyzed:	10-01-08
Preservative:	Cool	Date Extracted:	09-30-08
Condition:	Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	1.4	0.9
Toluene	8.6	1.0
Ethylbenzene	5.8	1.0
p,m-Xylene	13.9	1.2
o-Xylene	7.8	0.9
Total BTEX	37.5	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98.0 %
	1,4-difluorobenzene	98.0 %
	Bromochlorobenzene	98.0 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

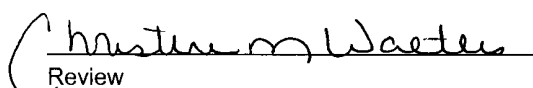
Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Reserve Pit Sampling

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 19N 5-pt Comp.	Date Reported:	10-03-08
Laboratory Number:	47485	Date Sampled:	09-25-08
Chain of Custody No:	5403	Date Received:	09-26-08
Sample Matrix:	Soil	Date Extracted:	10-01-08
Preservative:	Cool	Date Analyzed:	10-01-08
Condition:	Intact	Analysis Needed:	TPH-418.1

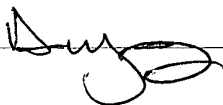
Parameter	Concentration (mg/kg)	Det. Limit (mg/kg)
Total Petroleum Hydrocarbons	478	5.0

ND = Parameter not detected at the stated detection limit.

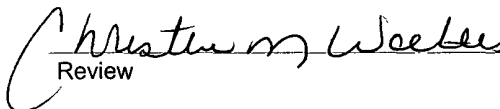
References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: **Drilling Pit Sample.**

Analyst



Review





# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg/Devon	Project #:	94034-0010
Sample ID:	NEBU 19N 5-pt Comp.	Date Reported:	10-03-08
Lab ID#:	47485	Date Sampled:	09-25-08
Sample Matrix:	Soil	Date Received:	09-26-08
Preservative:	Cool	Date Analyzed:	10-01-08
Condition:	Intact	Chain of Custody:	5403

Parameter	Concentration (mg/Kg)
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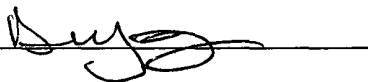
Total Chloride

144

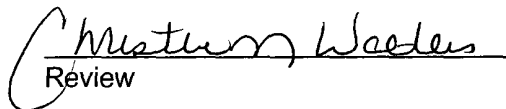
Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Reserve Pit Sampling.

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA Method 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

### Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	10-01-08 QA/QC	Date Reported:	10-02-08
Laboratory Number:	47438	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-08
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	05-07-07	9.9379E+002	9.9419E+002	0.04%	0 - 15%
Diesel Range C10 - C28	05-07-07	1.0142E+003	1.0146E+003	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	20.2	20.1	0.5%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	243	97.2%	75 - 125%
Diesel Range C10 - C28	20.2	250	265	98.1%	75 - 125%

ND - Parameter not detected at the stated detection limit.

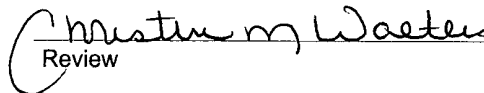
References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 47438 - 47440, 47452, 47463, 47464, 47482 - 47485.

Analyst



Review



# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	10-01-BT QA/QC	Date Reported:	10-02-08
Laboratory Number:	47438	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-01-08
Condition:	N/A	Analysis:	BTEX

Calibration and Detection Limits (ug/L)	I-Cal RF	C-Cal RF	%Diff	Blank Conc	Detect Limit
		Accept. Range 0 - 15%			
Benzene	5.8427E+007	5.8544E+007	0.2%	ND	0.1
Toluene	4.4817E+007	4.4907E+007	0.2%	ND	0.1
Ethylbenzene	3.6066E+007	3.6138E+007	0.2%	ND	0.1
p,m-Xylene	7.6424E+007	7.6577E+007	0.2%	ND	0.1
o-Xylene	3.5645E+007	3.5716E+007	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect Limit
Benzene	12.3	12.4	0.8%	0 - 30%	0.9
Toluene	15.2	15.1	0.7%	0 - 30%	1.0
Ethylbenzene	8.8	8.9	1.1%	0 - 30%	1.0
p,m-Xylene	21.4	21.7	1.4%	0 - 30%	1.2
o-Xylene	9.7	9.9	2.1%	0 - 30%	0.9

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	12.3	50.0	61.3	98.4%	39 - 150
Toluene	15.2	50.0	59.2	90.8%	46 - 148
Ethylbenzene	8.8	50.0	55.8	94.9%	32 - 160
p,m-Xylene	21.4	100	118	97.5%	46 - 148
o-Xylene	9.7	50.0	57.7	96.6%	46 - 148

ND - Parameter not detected at the stated detection limit.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.  
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

Comments: QA/QC for Samples 47438 - 47440, 47452, 47463, 47464, 47482 - 47485.

Analyst

Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 418.1 TOTAL PETROLEUM HYDROCARBONS QUALITY ASSURANCE REPORT

Client:	QA/QC	Project #:	N/A
Sample ID:	QA/QC	Date Reported:	10-03-08
Laboratory Number:	10-01-TPH.QA/QC 47452	Date Sampled:	N/A
Sample Matrix:	Freon-113	Date Analyzed:	10-01-08
Preservative:	N/A	Date Extracted:	10-01-08
Condition:	N/A	Analysis Needed:	TPH

Calibration	I-Cal Date	C-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
	09-18-08	10-01-08	1,660	1,590	4.2%	+/- 10%

Blank Conc. (mg/Kg)	Concentration	Detection Limit
TPH	ND	12.6

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
TPH	33.2	30.6	7.8%	+/- 30%

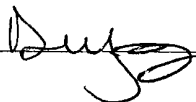
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept Range
TPH	33.2	2,000	2,330	115%	80 - 120%

ND = Parameter not detected at the stated detection limit.

References: Method 418.1, Petroleum Hydrocarbons, Total Recoverable, Chemical Analysis of Water and Waste, USEPA Storet No. 4551, 1978.

Comments: QA/QC for Samples 47452, 47463, 47464 and 47482 - 47485.

Analyst



Review

