

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

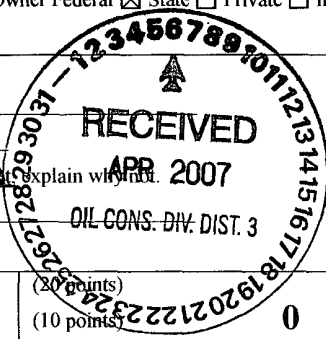
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

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 XTO ENERGY INC. Telephone (505)-324-1090 e-mail address _____		
Address 2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401		
Facility or well name: KUTZ FEDERAL #11 API # 30-045- 07267 U/L or Qtr/Qtr N Sec 20 T 28N R 10W		
County: SAN JUAN Latitude 36.64327 Longitude 107.92163 NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐		
Pit Type: Drilling ☐ Production ☐ Disposal ☒ SEPARATOR Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness _____ mil Clay ☐ Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes ☐ No ☒ If no, 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) 0	
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) 0	
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) 0	
Ranking Score (Total Points) 0		

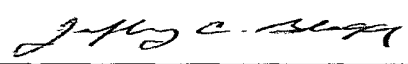
If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial 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 PIT LOCATED APPROXIMATELY 162 FT. N15E FROM WELL HEAD.
PIT EXCAVATION: WIDTH 20 ft., LENGTH 20 ft., DEPTH 7 ft.
PIT REMEDIATION: CLOSE AS IS: ☐, LANDFARM: ☒, COMPOST: ☐, STOCKPILE: ☐, OTHER ☐ (explain)
Cubic yards: 100

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 alternative OCD-approved plan ☒.

Date: **10/26/04**

Printed Name/Title **Jeff Blagg - P.E. # 11607** Signature 

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: Deputy Oil & Gas Inspector,
District #3
Printed Name/Title _____ Signature  Date: **SEP 10 2007**

30045 07267

36.64327/107.92163

CLIENT: XTO

BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: CT105COCR NO: 17929**FIELD REPORT: PIT CLOSURE VERIFICATION**PAGE No: 1 of 1LOCATION: NAME: KUTZ FEDERAL WELL # 11 TYPE SEP.DATE STARTED 10/22/04QUAD/UNIT: N SEC: 20 TWP: 28N RING: 10 W PM: NM CNTY: ST ST: NM

DATE FINISHED

QTR/FOOTAGE: 990'5/1850'W SE(SW) CONTRACTOR: KELCO (MIKE)ENVIRONMENTAL SPECIALIST NVEXCAVATION APPROX. 20 FT. x 20 FT. x 7 FT. DEEP. CUBIC YARDAGE: 100DISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: LANDFARMLAND USE: RANGE - BLM LEASE: SF 047039A FORMATION: DKFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 162 FT. N15E FROM WELLHEAD.DEPTH TO GROUNDWATER >100' NEAREST WATER SOURCE >1000' NEAREST SURFACE WATER >1000'NMOCD RANKING SCORE 0 NMOCD TPH CLOSURE STD 5000 PPM**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB READ. = 52.1 ppm CHECK
 OVM CALIB. GAS = 100 ppm RF = 0.52
 TIME: 12:50 am/pm DATE 10/21/04

SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHERSOIL COLOR OLIVE TO MED. GRAYCOHESION (ALL OTHERS) (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): (LOOSE) FIRM DENSE / VERY DENSE~~PLASTICITY (CLAYS)~~ NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC~~DENSITY (COHESIVE CLAYS & SILTS)~~ SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY / (SLIGHTLY MOIST) MOIST / WET / (SATURATED) SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: (YES) / NO EXPLANATION - ENTIRE TEST HOLEHC ODOR DETECTED: (YES) / NO EXPLANATION - EXCAVATED SOIL & OVM SAMPLE.SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. —

ADDITIONAL COMMENTS

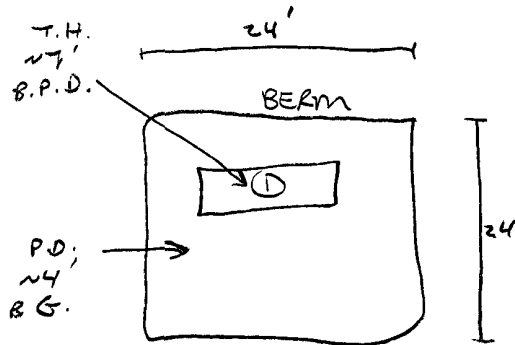
CLOSED**SCALE**

0

FT

FIELD 418.1 CALCULATIONS

SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

PIT PERIMETER AN**PIT PROFILE****OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 11'	178.9
2 @	
3 @	
4 @	
5 @	

NOT APPLICABLE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
0 @ 11'	TPH (80158)	1330
"	STX (80218)	"
	<u>PASSED</u>	

P D = PIT DEPRESSION, B G = BELOW GRADE, B = BELOW
 T H = TEST HOLE, ~ = APPROX., T B = TANK BOTTOM

TRAVEL NOTES:

CALLOUT: 10/22/04 - LATE MORNING ONSITE: 10/22/04 - AFTER.

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

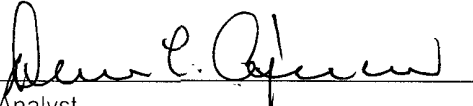
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 11'	Date Reported:	10-26-04
Laboratory Number:	31040	Date Sampled:	10-22-04
Chain of Custody No:	12929	Date Received:	10-25-04
Sample Matrix:	Soil	Date Extracted:	10-25-04
Preservative:	Cool	Date Analyzed:	10-26-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

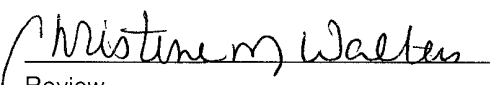
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,910	0.2
Diesel Range (C10 - C28)	62.0	0.1
Total Petroleum Hydrocarbons	1,970	0.2

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: **Kutz Federal #11 Separator Pit Grab Sample.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 11'	Date Reported:	10-26-04
Laboratory Number:	31040	Date Sampled:	10-22-04
Chain of Custody:	12929	Date Received:	10-25-04
Sample Matrix:	Soil	Date Analyzed:	10-26-04
Preservative:	Cool	Date Extracted:	10-25-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	356	1.8
Toluene	2,680	1.7
Ethylbenzene	1,620	1.5
p,m-Xylene	2,120	2.2
o-Xylene	3,020	1.0
Total BTEX	9,800	

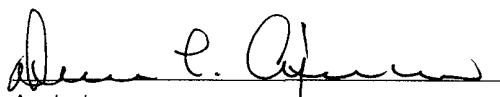
ND - Parameter not detected at the stated detection limit.

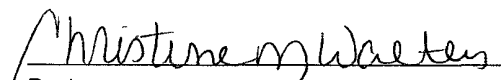
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

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: Kutz Federal #11 Separator Pit Grab Sample.


Analyst


Review

CHAIN OF CUSTODY RECORD

12929

Client / Project Name BLAGG / XTO ENERGY			Project Location KUTZ FEDERAL #11		ANALYSIS / PARAMETERS									
Sampler: NJV			Client No. 94034-010		No. of Containers	TPH (30158)	BTEX (30218)					Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								PRESERVED COOL		
												GRAB SAMPLE		
① @ 11'	10/22/04	1330	31040	SOIL	1	✓	✓					SEPARATOR PIT		
Relinquished by: (Signature) <i>[Signature]</i>			Date 10/25/04	Time 0723	Received by: (Signature) <i>[Signature]</i>			Date 10/25/04	Time 0723					
Relinquished by: (Signature)					Received by: (Signature)									
Relinquished by: (Signature)					Received by: (Signature)									
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											Sample Receipt			
												Y	N	N/A
											Received Intact	✓		
											Cool - Ice/Blue Ice	✓		

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:	10-26-TPH QA/QC	Date Reported:	10-26-04
Laboratory Number:	31040	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-26-04
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	02-19-04	1.8591E-002	1.8572E-002	0.10%	0 - 15%
Diesel Range C10 - C28	02-19-04	1.5507E-002	1.5492E-002	0.10%	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

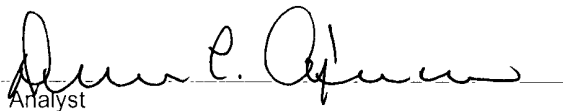
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	1,910	1,900	0.5%	0 - 30%
Diesel Range C10 - C28	62.0	61.8	0.3%	0 - 30%

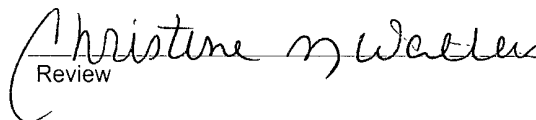
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	1,910	250	2,150	99.5%	75 - 125%
Diesel Range C10 - C28	62.0	250	311	99.8%	75 - 125%

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 31040 - 31041, 31043 - 31046.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client	N/A	Project #	N/A
Sample ID	10-26-BTEX QA/QC	Date Reported	10-26-04
Laboratory Number	31040	Date Sampled	N/A
Sample Matrix	Soil	Date Received	N/A
Preservative	N/A	Date Analyzed	10-26-04
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	8.1713E-002	8.1959E-002	0.3%	ND	0.2
Toluene	5.5302E-002	5.5413E-002	0.2%	ND	0.2
Ethylbenzene	8.4042E-002	8.4295E-002	0.3%	ND	0.2
p,m-Xylene	7.6479E-002	7.6710E-002	0.3%	ND	0.2
o-Xylene	8.6529E-002	8.6703E-002	0.2%	ND	0.1

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	356	355	0.3%	0 - 30%	1.8
Toluene	2,680	2,620	2.2%	0 - 30%	1.7
Ethylbenzene	1,620	1,580	2.5%	0 - 30%	1.5
p,m-Xylene	2,120	2,120	0.0%	0 - 30%	2.2
o-Xylene	3,020	3,010	0.3%	0 - 30%	1.0

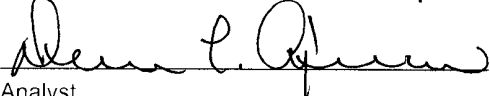
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	356	50.0	405	99.6%	39 - 150
Toluene	2,680	50.0	2,720	99.6%	46 - 148
Ethylbenzene	1,620	50.0	1,660	99.4%	32 - 160
p,m-Xylene	2,120	100	2,210	99.5%	46 - 148
o-Xylene	3,020	50.0	3,060	99.7%	46 - 148

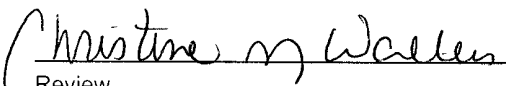
ND - Parameter not detected at the stated detection limit.

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 Sample 31040.


Analyst


Review

CLIENT: XTOBLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199LOCATION NO: CT105C.O.C. NO: 14519

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: KUTZ FEDERAL WELL#: 11 PITS: SEP.
QUAD/UNIT: N SEC: 20 TWP: 28N RNG: 10W PM: NM CNTY: ST ST: NM
QTR/FOOTAGE: SE/SW CONTRACTOR: KELCODATE STARTED: 12/28/05

DATE FINISHED: _____

ENVIRONMENTAL
SPECIALIST: NV

SOIL REMEDIATION:

REMEDICATION SYSTEM: LANDFARMAPPROX. CUBIC YARDAGE: 45LAND USE: RANGE - BLMLIFT DEPTH (ft): 1-1.5FIELD NOTES & REMARKS: DEPTH TO GROUNDWATER: >100' NEAREST SURFACE WATER: >1,000'NEAREST WATER SOURCE: >1,000' NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5,000 PPMSOIL TYPE: (SAND/SILTY SAND) SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____SOIL COLOR: mostly dk. yell. orange to mod. brownCOHESION (ALL OTHERS): (NON COHESIVE) SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): (LOOSE/FIRM) DENSE / VERY DENSE

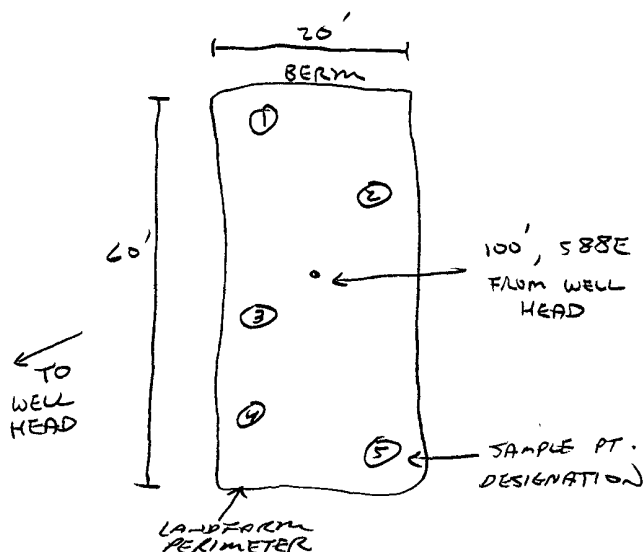
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY (SLIGHTLY MOIST/MOIST) WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - minor lt. gray band/stringers in sample pts. 3, 4, 5HC ODOR DETECTED: YES (NO) EXPLANATION - _____SAMPLING DEPTHS (LANDFARMS): 8 - 12 (INCHES)SAMPLE TYPE: GRAB (COMPOSITE) # OF PTS. 5

ADDITIONAL COMMENTS: _____

SKETCH/SAMPLE LOCATIONS

OVM CALIB. READ. = 53.4 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 1145 am/pm DATE: 12/28/05

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (30158)	1220	29.6

SCALE

0 FT

P.C. - 10/22/05

TRAVEL NOTES: CALLOUT: N/AONSITE: 12/28/05

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

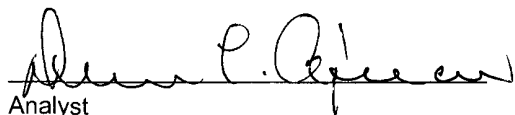
Client:	Blagg Engr. / XTO Energy	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	01-02-06
Laboratory Number:	35585	Date Sampled:	12-28-05
Chain of Custody No:	14519	Date Received:	12-29-05
Sample Matrix:	Soil	Date Extracted:	12-30-05
Preservative:	Cool	Date Analyzed:	01-02-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

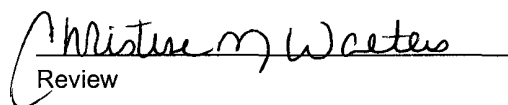
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	29.6	0.1
Total Petroleum Hydrocarbons	29.6	0.2

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: **Kutz Federal #11 Landfarm 5 Pt. Composite Sample.**


Analyst


Review

CHAIN OF CUSTODY RECORD

14519

Client / Project Name BLAKE ENER. / XTO ENERGY			Project Location LANDFARM KUTZ FEDERAL #11		ANALYSIS / PARAMETERS									
Sampler: NV			Client No. 94034-010		No. of Containers TPH (8015B)							Remarks PRESERVED COOL		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								5 PT. COMPOSTRE SAMPLE		
LF-1	12/28/05	1220	35585	SOIL		1	✓							
Relinquished by: (Signature) 			Date 12/29/05	Time 0920	Received by: (Signature) 						Date 12/29/05	Time 0920		
Relinquished by: (Signature)					Received by: (Signature)									
Relinquished by: (Signature)					Received by: (Signature)									
ENVIROTECH INC. 5796 U.S. Highway 64 Farmington, New Mexico 87401 (505) 632-0615											Sample Receipt			
												Y	N	N/A
											Received Intact	✓		
											Cool - Ice/Blue Ice	✓		

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:	01-02-06 QA/QC	Date Reported:	01-02-06
Laboratory Number:	35583	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	01-02-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	02-04-05	1.0013E+003	1.0023E+003	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	9.9803E+002	1.0000E+003	0.20%	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

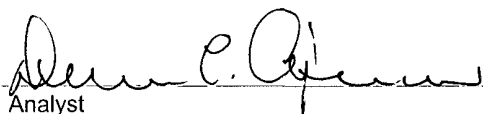
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	1,410	1,420	0.7%	0 - 30%

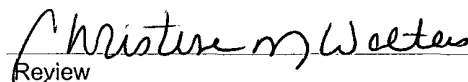
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	1,410.0	250	1,650	99.4%	75 - 125%

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 35583 - 35590.


Analyst


Review