

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
20 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
March 12, 2004

For drilling and production facilities, submit to appropriate NMOC 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 ☒

RCVD APR10'07

OIL CONS. DIV.

DIST. 3

Operator <u>BP AMERICA PROD. CO.</u> Telephone: <u>(505) 326-9200</u>							
Address: <u>200 Energy Court, Farmington, NM 87410</u>							
Facility or well name <u>VANDEWART A #2A</u>	API # <u>30-045-22362</u> U/L or Qtr/Qt <u>E</u> Sec <u>11</u> T <u>29N</u> R <u>8W</u>						
County <u>San Juan</u> Latitude <u>36.74173</u> Longitude <u>107.64984</u> NAD: 1927 ☐ 1983 ☒ Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐							
Pit Type: Drilling ☐ Production ☐ Disposal ☒ SEP/COMPR Workover ☐ Emergency ☐ Lined ☐ Unlined ☒ Liner type: Synthetic ☐ Thickness <u> </u> mil Clay ☐ Volume <u> </u> bbl	Below-grade tank Volume: <u> </u> bbl Type of fluid: <u> </u> Construction material: <u>N/A</u> Double-walled with leak detection? Yes ☐ If not, explain why not <u> </u>						
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	<table border="1"><tr><td>Less than 50 feet</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td>(10 points) 0</td></tr><tr><td>100 feet or more</td><td>(0 points)</td></tr></table>	Less than 50 feet	(20 points)	50 feet or more, but less than 100 feet	(10 points) 0	100 feet or more	(0 points)
Less than 50 feet	(20 points)						
50 feet or more, but less than 100 feet	(10 points) 0						
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.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points) 0</td></tr></table>	Yes	(20 points)	No	(0 points) 0		
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.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points) 0</td></tr><tr><td>1000 feet or more</td><td>(0 points)</td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points) 0	1000 feet or more	(0 points)
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200 feet or more, but less than 1000 feet	(10 points) 0						
1000 feet or more	(0 points)						
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: 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

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 NMOC District guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☒.

Date 05/26/04

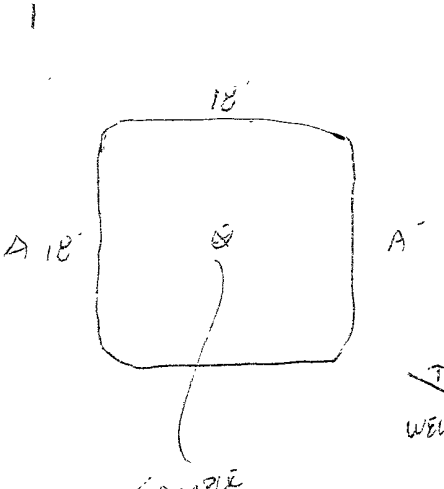
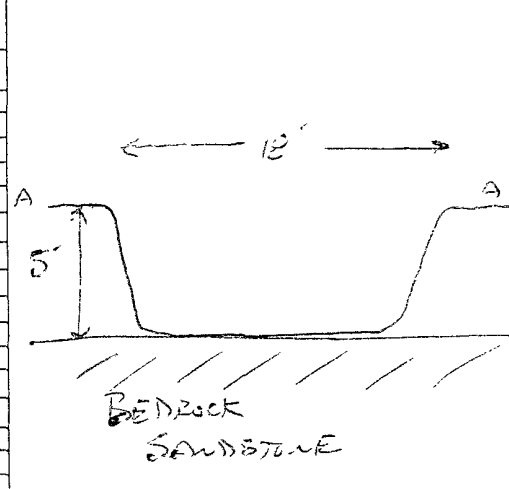
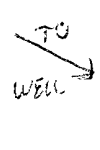
Printed Name/Title Jeff Blagg - P.E. # 11607 Signature Jeff Blagg

Your certification and NMOC District 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: AUG 09 2007

Date:

Printed Name/Title Deputy Oil & Gas Inspector, District #3 Signature Bh D

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81396</u> COCR NO: <u>12213</u>																																								
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>VANDEWART A</u> WELL #: <u>2A</u> TYPE: <u>SEP/COMP</u> QUAD/UNIT: <u>E SEC: 11 TWP: 29N RING: 8W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1800N/1140W</u> SWLND CONTRACTOR: <u>HD (ANDRE)</u>		DATE STARTED: <u>5-25-04</u> DATE FINISHED: <u>5-25-04</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>																																								
EXCAVATION APPROX. <u>18</u> FT. x <u>18</u> FT. x <u>5</u> FT. DEEP. CUBIC YARDAGE: <u>152</u>																																										
DISPOSAL FACILITY: <u>ONSITE</u> REMEDIATION METHOD: <u>LF</u>																																										
LAND USE: <u>RANGE - Blm</u> LEASE: <u>SF 078502</u> FORMATION: <u>MV/PC</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>72</u> FT. <u>N73W</u> FROM WELLHEAD.																																										
DEPTH TO GROUNDWATER: <u>>100</u> NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u>																																										
NMOCD RANKING SCORE: <u>0</u> NMOCD TPH CLOSURE STD: <u>5000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION:		OVM CALIB. READ = <u>52.7</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1415</u> am/pm DATE <u>5-25-04</u>																																								
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>Yellow Tan</u> COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / 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 / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION: <u>GRAY STREAKING</u> HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION: <u>MUDELATE</u> SAMPLE TYPE: <u>GRAB/COMPOSITE</u> - # OF PTS. <u>1</u> ADDITIONAL COMMENTS: <u>18' x 18' x 5' DRY EXCAVATION PIT. USE BACKHOE TO EXCAVATE IMPACTED SOILS TO BEDROCK SANDSTONE @ 5' BGL. WILL SET STEEL GAS BBL TANK IN EXCAVATION</u> BEDROCK BOTTOM																																										
FIELD 418.1 CALCULATIONS																																										
SCALE	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																
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OVM READING <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>FIELD HEADSPACE (ppm)</th> </tr> </thead> <tbody> <tr><td>1 @ 5'</td><td>133</td></tr> <tr><td>2 @</td><td> </td></tr> <tr><td>3 @</td><td> </td></tr> <tr><td>4 @</td><td> </td></tr> <tr><td>5 @</td><td> </td></tr> </tbody> </table> LAB SAMPLES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMPLE ID</th> <th>ANALYSIS</th> <th>TIME</th> </tr> </thead> <tbody> <tr><td>1103</td><td>TPH</td><td>1403</td></tr> <tr><td> </td><td>PEX</td><td> </td></tr> <tr><td> </td><td>CL</td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table> 			SAMPLE ID	FIELD HEADSPACE (ppm)	1 @ 5'	133	2 @		3 @		4 @		5 @		SAMPLE ID	ANALYSIS	TIME	1103	TPH	1403		PEX			CL																	
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PD = PIT DEPRESSION, B.G. = BELOW GRADE; B = BELOW TH = TEST HOLE, ~ = APPROX., T.B. = TANK BOTTOM																																										
TRAVEL NOTES CALLOUT: <u>5/25/04</u> ONSITE: <u>5/25/04 1330</u>																																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

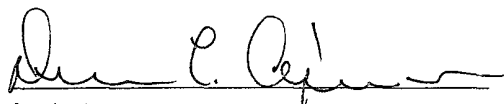
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	05-26-04
Laboratory Number:	28841	Date Sampled:	05-25-04
Chain of Custody No:	12213	Date Received:	05-25-04
Sample Matrix:	Soil	Date Extracted:	05-26-04
Preservative:	Cool	Date Analyzed:	05-26-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

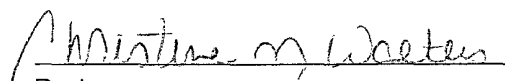
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	3.5	0.2
Diesel Range (C10 - C28)	1.1	0.1
Total Petroleum Hydrocarbons	4.6	0.2

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: **Vandewart A 2A Sep/Comp.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	05-26-04
Laboratory Number:	28841	Date Sampled:	05-25-04
Chain of Custody:	12213	Date Received:	05-25-04
Sample Matrix:	Soil	Date Analyzed:	05-26-04
Preservative:	Cool	Date Extracted:	05-26-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.0	1.8
Toluene	114	1.7
Ethylbenzene	52.8	1.5
p,m-Xylene	494	2.2
o-Xylene	149	1.0
Total BTEX	823	

ND - Parameter not detected at the stated detection limit.

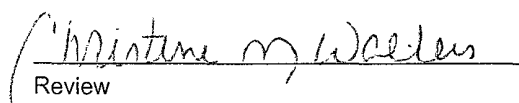
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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: Vandewart A 2A Sep/Comp.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Total Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	05-26-04
Lab ID#:	28841	Date Sampled:	05-25-04
Sample Matrix:	Soil	Date Received:	05-25-04
Preservative:	Cool	Date Analyzed:	05-26-04
Condition:	Cool and Intact	Chain of Custody:	12213

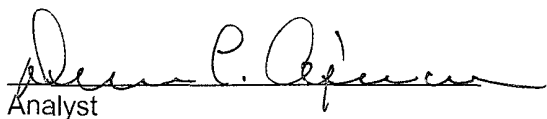
Parameter	Concentration (mg/Kg)
-----------	-----------------------

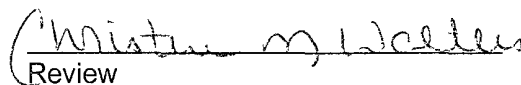
Total Chloride

52.0

Reference: Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: Vandewart A 2A Sep/Comp.


Analyst


Review

CLIENT:

BP

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

LOCATION NO

81396

C.O.C. NO.

14616

FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: VANDEWART A WELL #: 2A PITS: SEP./COMPR. DEHY/SEP.

DATE STARTED 3/29/06

DATE FINISHED:

QUAD/UNIT: E SEC: 11 TWP: 29N RNG: 8W PM: NM CNTY: SJ ST: NM

ENVIRONMENTAL
SPECIALIST:

NV

QTR/FOOTAGE: SW/NE CONTRACTOR:

SOIL REMEDIATION:

90

REMEDATION SYSTEM: LANDFARM

APPROX. CUBIC YARDAGE:

LAND USE: RANGE - BURN

LIFT DEPTH (ft): 1

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100'

NEAREST SURFACE WATER: >1,000'

NEAREST WATER SOURCE:

>1,000'

NMOC D RANKING SCORE: 0

NMOC D TPH CLOSURE STD 5,000 PPM

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER

SOIL COLOR: PALE YELL. BROWN TO OLIVE GRAY

COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (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 SATURATED

CLOSED

DISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION -

HC ODOR DETECTED: YES / NO EXPLANATION -

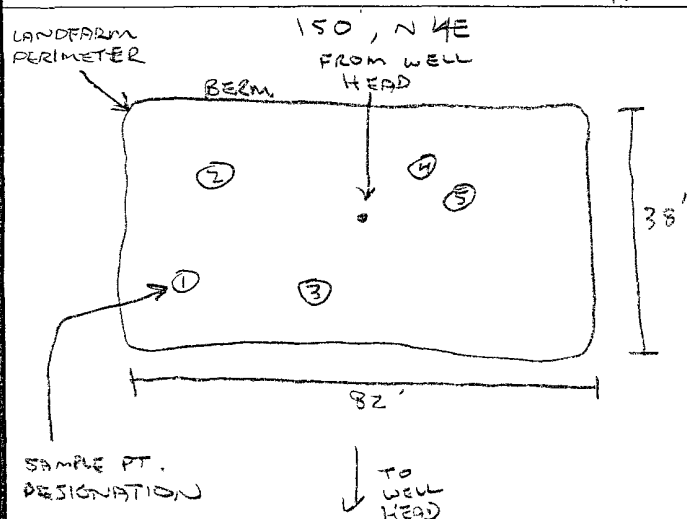
SAMPLING DEPTHS (LANDFARMS): 6 - 8 (INCHES)

SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5

ADDITIONAL COMMENTS:

SKETCH/SAMPLE LOCATIONS

N



OVM CALIB. READ. = 53.2 ppm
OVM CALIB. GAS = 100 ppm RF = 0.52
TIME: 7:45 am/pm DATE: 3/29/06

OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	0.0	LF-1	TPH (2215R)	1040	ND

SCALE



0

FT

P.C. - 5/25/04

TRAVEL NOTES: CALLOUT:

N/A

ONSITE:

3/29/06

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

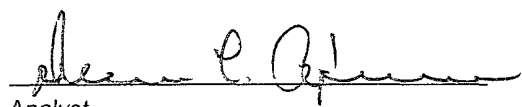
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	03-31-06
Laboratory Number:	36646	Date Sampled:	03-29-06
Chain of Custody No:	14616	Date Received:	03-30-06
Sample Matrix:	Soil	Date Extracted:	03-30-06
Preservative:	Cool	Date Analyzed:	03-31-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

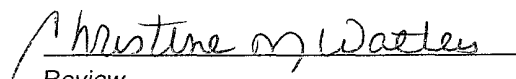
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Vandewart A #2A Landfarm 5 Pt. Composite Sample.**


Analyst


Review

122

san juan reproduction 578-129

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:	05-26-TPH QA/QC	Date Reported:	05-26-04
Laboratory Number:	28810	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-26-04
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

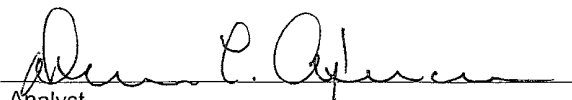
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	4,400	4,390	0.2%	0 - 30%
Diesel Range C10 - C28	231	230	0.3%	0 - 30%

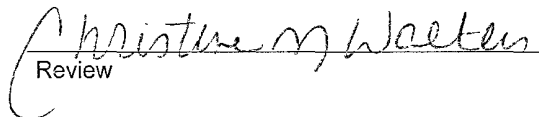
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	4,400	250	4,640	99.8%	75 - 125%
Diesel Range C10 - C28	231	250	480	99.8%	75 - 125%

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 28810 - 28816, 28840 - 28841.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	N/A	Project #:	N/A
Sample ID:	05-26-BTEX QA/QC	Date Reported:	05-26-04
Laboratory Number:	28810	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	05-26-04
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	4.2776E-002	4.2905E-002	0.3%	ND	0.2
Toluene	4.8966E-002	4.9064E-002	0.2%	ND	0.2
Ethylbenzene	7.4036E-002	7.4259E-002	0.3%	ND	0.2
p,m-Xylene	6.8275E-002	6.8480E-002	0.3%	ND	0.2
o-Xylene	5.5866E-002	5.5978E-002	0.2%	ND	0.1

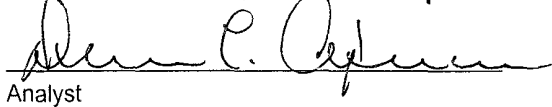
Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff	Accept Range	Detect. Limit
Benzene	223	232	3.9%	0 - 30%	1.8
Toluene	2,170	2,130	1.8%	0 - 30%	1.7
Ethylbenzene	1,010	988	2.2%	0 - 30%	1.5
p,m-Xylene	1,700	1,770	4.1%	0 - 30%	2.2
o-Xylene	1,630	1,690	3.7%	0 - 30%	1.0

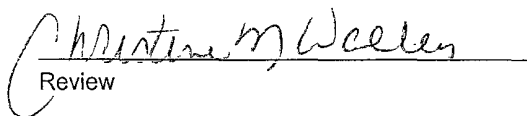
Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	223	50.0	272	99.5%	39 - 150
Toluene	2,170	50.0	2,210	99.5%	46 - 148
Ethylbenzene	1,010	50.0	1,060	100.0%	32 - 160
p,m-Xylene	1,700	100	1,790	99.4%	46 - 148
o-Xylene	1,630	50.0	1,670	99.4%	46 - 148

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 28810 - 28816, 28840 - 28841.


Analyst


Review

CHAIN OF CUSTODY RECORD

14616

Client / Project Name <i>BLIDGE / BP</i>			Project Location <i>VANDEWART A #2A</i>		ANALYSIS / PARAMETERS									
Sampler: <i>NV</i>			Client No. <i>94034-010</i>		No. of Containers <i>194</i> <i>20156</i>							Remarks		
Sample No./ Identification	Sample Date	Sample Time	Lab Number	Sample Matrix								<i>PRESERVED Cool</i> <i>5 MT. COMPOSITE SAMPLE</i>		
<i>LF-1</i>	<i>3/30/06</i>	<i>1040</i>	<i>36646</i>	<i>SOIL</i>	<i>1</i>	<i>✓</i>						<i>MANUFACTURING</i>		
Relinquished by: (Signature) <i>[Signature]</i>			Date <i>3/30/06</i>	Time <i>0848</i>	Received by: (Signature) <i>[Signature]</i>			Date <i>3/30/06</i>	Time <i>848</i>					
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:	03-31-06 QA/QC	Date Reported:	03-31-06
Laboratory Number:	36633	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	03-31-06
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	9.9900E+002	1.0000E+003	0.10%	0 - 15%
Diesel Range C10 - C28	02-04-05	9.9800E+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

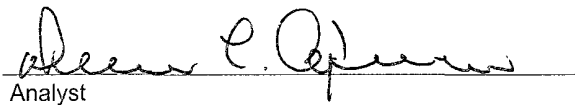
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	3.2	3.2	0.0%	0 - 30%

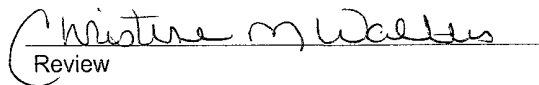
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	3.2	250	253	99.9%	75 - 125%

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 36633 - 36639, 36645 - 36647.


Analyst


Review