

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 BP America Production Company Telephone (505)326-9200 e-mail address: \_\_\_\_\_  
Address 200 Energy Ct, Farmington, NM 87401  
Facility or well name ELLIOT, A.L. A #1A API #: 30045 22336 U/L or Qtr/Qtr D Sec 11 T 29 N R 9 W  
County San Juan Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD 1927 ☐ 1983 ☒  
Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: <u>WATER</u> 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) 100 feet or more (0 points)	<u>0</u>
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)	<u>0</u>
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)	<u>0</u>
Ranking Score (Total Points)		<u>0</u>

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

See Attached Documentation

RCVD JUN13'07  
OIL CONS. DIV.  
DIST. 3

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 11/01/2005

Printed Name/Title Jeffrey C. Blagg, Agent

Signature Jeffrey C. Blagg

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

Signature [Signature]

Date AUG 10 2007

CLIENT: <u>AMOCO</u>	BLAGG ENGINEERING, INC. P O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO <u>80826</u> COC NO _____
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FIELD REPORT: CLOSURE VERIFICATION	PAGE NO <u>1</u> of <u>1</u>
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LOCATION. NAME <u>ELLIOTT PL A</u> WELL # <u>1A</u> PIT <u>ABAND. DENY</u>	DATE STARTED <u>1/4/01</u>
QUAD/UNIT <u>D SEC 11 TWP 29N RNG 9W</u> PM <u>NM CNTY ST NM</u>	DATE FINISHED _____
QTR/FOOTAGE: <u>1160' N 800' W</u> <u>NNNW</u> CONTRACTOR: <u>FLINT</u>	ENVIRONMENTAL SPECIALIST <u>NV</u>

EXCAVATION APPROX. <u>12</u> FT x <u>13</u> FT x <u>4</u> FT DEEP	CUBIC YARDAGE <u>N/A</u>
DISPOSAL FACILITY. <u>ON-SITE</u>	REMEDIATION METHOD <u>LANDFILL</u>
LAND USE. <u>RANGE</u>	LEASE <u>SE-078132</u> FORMATION <u>MV</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>150</u> FT. <u>N9W</u> FROM WELL HEAD
DEPTH TO GROUNDWATER: <u>&gt;100'</u>	NEAREST WATER SOURCE. <u>&gt;1000'</u> NEAREST SURFACE WATER <u>&gt;1000'</u>
NMOCB RANKING SCORE: <u>0</u>	NMOCB TPH CLOSURE STD: <u>5000</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	<div style="border: 1px solid black; padding: 5px;">           CHECK ONE  <input checked="" type="checkbox"/> PIT ABANDONED  <input type="checkbox"/> STEEL TANK INSTALLED  <input type="checkbox"/> FIBERGLASS TANK INSTALLED         </div>
	OVM CALIB. READ. <u>52.4</u> ppm TIME: <u>0900</u> @ <u>pm</u> <u>1/2/01</u>

EXCAVATION CONSIST OF MOSTLY BEDROCK, VERY PALE TO DK. YELL. ORANGE, HARD BUT FRILBLE (SIDEWALLS) TO VERY HARD (PIT BOTTOM) NO APPARENT DISCOLORATION/STAINING OBSERVED, HC DOOR DETECTED WITHIN EXCAVATION & IN ALL OVM SAMPLES, ALL SAMPLES COLLECTED FROM BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED.

mostlY  
BEDROCK  
(ss)

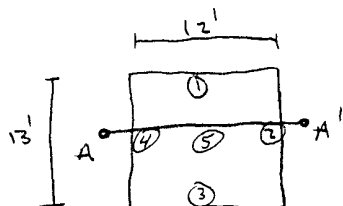
RISK ASSESSED

#### FIELD 418.1 CALCULATIONS

TIME	SAMPLE I.D	LAB No.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC ppm
1100							

SCALE  
0 FT

#### PIT PERIMETER



METER RUN  
TO WELL HEAD

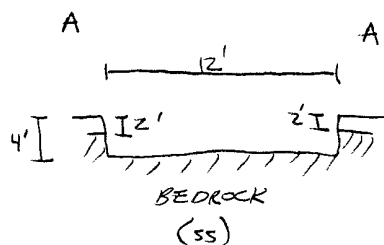
#### OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 2'	81.0
2 @ 2'	17.2
3 @ 2'	31.3
4 @ 2'	26.1
5 @ 4'	101.7

#### LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME

#### PIT PROFILE



TRAVEL NOTES:	CALLOUT <u>1/3/01 - MORN.</u>	ONSITE. <u>1/4/01 - MORN.</u>
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CLIENT BPBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO 80826C.O.C. NO 14680

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: ELLIOTT, A.L.A. WELL #: 1A PITS: \_\_\_\_\_  
QUAD/UNIT: D SEC: 16 TWP: 29N RNG: 9W PM: NM CNTY: ST ST: nm  
QTR/FOOTAGE: \_\_\_\_\_ NW/NEW CONTRACTOR: \_\_\_\_\_  
DATE STARTED: 12/14/06  
DATE FINISHED: \_\_\_\_\_  
ENVIRONMENTAL SPECIALIST: NV

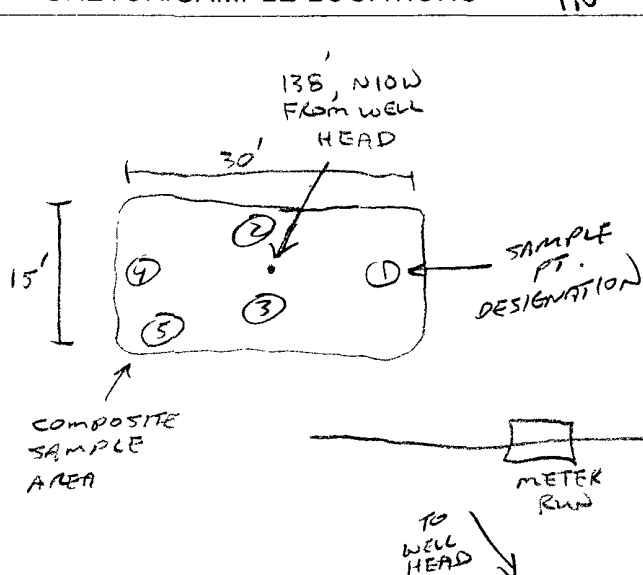
## SOIL REMEDIATION:

REMEDATION SYSTEM: LANDFARM?APPROX. CUBIC YARDAGE: 10LAND USE: RANGE - BLMLIFT DEPTH (ft): N/A

## FIELD NOTES &amp; 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: PALE YELL. BROWN TO DK. YELL. ORANGECOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSEPLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTICDENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARDMOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDCLOSEDDISCOLORATION/STAINING OBSERVED. YES / NO EXPLANATION - \_\_\_\_\_HC ODOR DETECTED: YES / NO EXPLANATION - \_\_\_\_\_SAMPLING DEPTHS (LANDFARMS): 0-3 (INCHES)SAMPLE TYPE: GRAB / COMPOSITE # OF PTS. 5ADDITIONAL COMMENTS: NO ACTUAL LANDFARM OBSERVED ON-SITE.

## SKETCH/SAMPLE LOCATIONS



OVM CALIB READ = 51.7 ppm  
OVM CALIB GAS = 100 ppm RF = 0.52  
TIME: 9:15 am/pm DATE: 12/14/06

## OVM RESULTS

## LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS (ppm)
LF-1	0.0	LF-1	TPH (5015R)	0910	ND
		"	CHLORIDE	"	70.0

## SCALE

0 FT

P.C. - 1/4/01

TRAVEL NOTES: CALLOUT: N/AONSITE: 4/30/02, 12/14/06

# 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:	12-15-06
Laboratory Number:	39512	Date Sampled:	12-14-06
Chain of Custody No:	14680	Date Received:	12-14-06
Sample Matrix:	Soil	Date Extracted:	12-14-06
Preservative:	Cool	Date Analyzed:	12-15-06
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

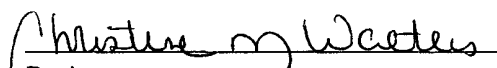
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: **Elliott, A.L. A #1A Landfarm 5 Pt. Composite Sample**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

Chloride

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	LF - 1	Date Reported:	12-15-06
Lab ID#:	39512	Date Sampled:	12-14-06
Sample Matrix:	Soil	Date Received:	12-14-06
Preservative:	Cool	Date Analyzed:	12-15-06
Condition:	Cool and Intact	Chain of Custody:	14680

Parameter

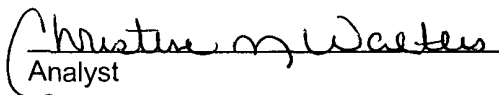
Concentration (mg/Kg)

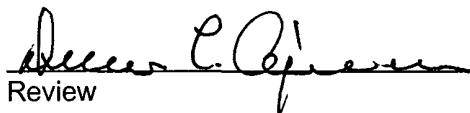
Total Chloride

70.0

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

Comments: Elliott, A.L. A #1A Landfarm 5 Pt. Composite Sample

  
Analyst

  
Review

District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer DD, Aracata, NM 88211  
District III  
100 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200

Address: 200 Amoco Court, Farmington, New Mexico 87401

Facility Or: ELLIST GC A #1A  
Well Name

Location: Unit or Qtr/Qtr Sec D sec 11 T 29N R 9W County SAN JUAN

Pit Type: Separator    Dehydrator    Other ABANDONED Blow

Land Type: BLM ✓, State   , Fee   , Other   

Pit Location: Pit dimensions: length NA, width NA, depth NA  
(Attach diagram)

Reference: wellhead X, other   

Footage from reference: 157'

Direction from reference: 6 Degrees ✓ East North     
of  
   West South ✓

### Depth To Ground Water:

(Vertical distance from  
contaminants to seasonal  
high water elevation of  
ground water)

Less than 50 feet (20 points)  
50 feet to 99 feet (10 points)  
Greater than 100 feet (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 perennial  
lakes, ponds, rivers, streams, creeks,  
irrigation canals and ditches)

Less than 200 feet (20 points)  
200 feet to 1000 feet (10 points)  
Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: \_\_\_\_\_ Date Completed: 1/4/01

Remediation Method: Excavation ☒ Approx. cubic yards NA  
(Check all appropriate sections) Landfarmed \_\_\_\_\_ Insitu Bioremediation \_\_\_\_\_  
Other CLOSE AS IS.

Remediation Location: Onsite ☒ Offsite \_\_\_\_\_  
(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: \_\_\_\_\_  
Excavation. PIT AREA CONSISTED OF BEDROCK WITH SMALL AMOUNT OF  
SOIL (POSSIBLY WIND BLOWN) ON ITS SURFACE. SAMPLE COLLECTED FROM  
BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED.

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location see Attached Documents  
Closure Sampling: \_\_\_\_\_  
(if multiple samples, attach sample results and diagram of sample locations and depths)  
Sample depth 3' (TRENCH BOTTOM)  
Sample date 1/4/01 Sample time 1130

## Sample Results

Benzene(ppm) \_\_\_\_\_

Total BTEX(ppm) \_\_\_\_\_

Field headspace(ppm) 0.0TPH NA

Ground Water Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 1/4/01SIGNATURE B. ShawPRINTED NAME  
AND TITLEBuddy D. Shaw  
ENVIRONMENTAL COORDINATOR

District I  
P O Box 1980, Hobbs, NM  
District II  
P O Drawer DD, Artesia, NM 88211  
District III  
100 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE

## PIT REMEDIATION AND CLOSURE REPORT

Operator: Amoco Production Company Telephone: (505) - 326-9200  
Address: 200 Amoco Court, Farmington, New Mexico 87401  
Facility Or: ELLIOT GC A #1A  
Well Name \_\_\_\_\_  
Location: Unit or Qtr/Qtr Sec D Sec 11 T 29N R 9W County SAN JUAN  
Pit Type: Separator ABANDONED Dehydrator ☒ Other \_\_\_\_\_  
Land Type: BLM ☒, State \_\_\_\_\_, Fee \_\_\_\_\_, Other \_\_\_\_\_

Pit Location: Pit dimensions: length 12', width 13', depth 4'  
(Attach diagram) Reference: wellhead ☒, other \_\_\_\_\_  
Footage from reference: 150'  
Direction from reference: 9 Degrees " \_\_\_\_\_ East North ☒  
of  
☒ West South \_\_\_\_\_

Depth To Ground Water: Less than 50 feet (20 points)  
(Vertical distance from 50 feet to 99 feet (10 points)  
contaminants to seasonal Greater than 100 feet (0 Points) 0  
high water elevation of  
ground water)

Wellhead Protection Area: Yes (20 points)  
(Less than 200 feet from a private No (0 points) 0  
domestic water source, or; less than  
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)  
(Horizontal distance to perennial 200 feet to 1000 feet (10 points)  
lakes, ponds, rivers, streams, creeks, Greater than 1000 feet (0 points) 0  
irrigation canals and ditches)

RANKING SCORE (TOTAL POINTS): 0



Date Remediation Started: \_\_\_\_\_ Date Completed: 1/4/01 <sup>RV</sup>

Remediation Method: Excavation ☒ Approx. cubic yards 10 N/A  
 (Check all appropriate sections) Landfarmed ☒ <sup>RV</sup> Insitu Bioremediation \_\_\_\_\_  
 Other DILUTED / AERATED

Remediation Location: Onsite ☒ Offsite \_\_\_\_\_  
 (ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action: \_\_\_\_\_  
Excavation. MOSTLY BEDROCK. RISK ASSESSED. ALL SAMPLES COLLECTED  
FROM BEDROCK, THEREFORE NO TPH ANALYSIS WAS CONDUCTED.

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit: Sample location see Attached Documents  
 Closure Sampling: \_\_\_\_\_  
 (if multiple samples, attach sample results and diagram of sample locations and depths)  
 Sample depth 4' (PIT BOTTOM)  
 Sample date 1/4/01 Sample time 1100  
 Sample Results

Benzene(ppm) \_\_\_\_\_  
 Total BTEX(ppm) \_\_\_\_\_  
 Field headspace(ppm) 101.7  
 TPH NA

Ground Water Sample: Yes \_\_\_\_\_ No ☒ (If yes, attach sample results)

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 1/4/01  
 SIGNATURE B. Shaw PRINTED NAME AND TITLE Buddy D. Shaw  
ENVIRONMENTAL COORDINATOR

14680

[illegible]

# 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:	12-15-06 QA/QC	Date Reported:	12-15-06
Laboratory Number:	39470	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	12-15-06
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF	C-Cal RF	% Difference	Accept. Range
Gasoline Range C5 - C10	07-11-05	1.0061E+003	1.0071E+003	0.10%	0 - 15%
Diesel Range C10 - C28	07-11-05	9.9255E+002	9.9454E+002	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

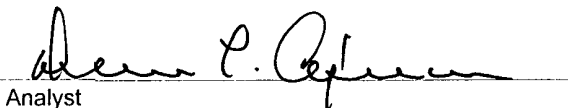
Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

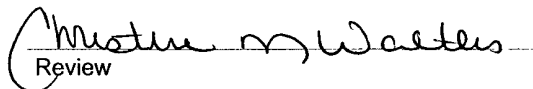
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100.0%	75 - 125%
Diesel Range C10 - C28	ND	250	250	100.0%	75 - 125%

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 39470 - 39472, 39512 - 39516

  
Analyst

  
Review