

**JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528**

OK
SUBMIT 1 COPY TO
NATURAL RESOURCE DEPT
AND OIL & GAS ADMINISTRATION

PIT REMEDIATION AND CLOSURE REPORT

Operator: BILLCO ENERGY Telephone: (505) 325-3404
Address: P.O. Box 3038, FARMINGTON, NM 87499
Facility or Well Name: MARTIN FLORENCE No. 8
Location: Unit or Qtr/Qtr NE 1/4 NW 1/4 Sec 5 T 23N R 4W County RIO ARABA
Pit Type: Separator Dehydrator X Other
Land Type: RANGE

Pit Location: Pit dimensions: length 27, width 21, depth 6
(Attach diagram) Reference: wellhead X, other
Footage from reference: 95
Direction from reference: 68 Degrees East of North X
X West South

Depth To Groundwater: (Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	(20 points)	
	50 feet to 99 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Distance to an Ephemeral Stream (Downgradient dry wash greater than ten feet in width)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(0 points)	<u>0</u>
Distance to Nearest Lake, Playa, or Watering Pond (Downgradient lakes, playas and livestock or wildlife watering ponds)	Less than 100 feet	(10 points)	
	Greater than 100 feet	(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 perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 100 feet	(20 points)	
	100 feet to 1000 feet	(10 points)	
	Greater than 1000 feet	(0 points)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 11-24-98 Date Completed: 11-30-98

Remediation Method: Excavation X Approx. cubic yards _____
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other STOCK PILED

Remediation Location: Onsite X Offsite _____
(i.e. landfarmed onsite, name and location of offsite facility)

General Description of Remedial Action: Excavation

Groundwater Encountered: No X 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 6'
Sample date 11-30-98 Sample time 1007

Sample Results

Soil: Benzene	(ppm)	<u>—</u>	Water: Benzene	(ppb)	<u>—</u>
Total BTEX	(ppm)	<u>—</u>	Toluene	(ppb)	<u>—</u>
Field Headspace	(ppm)	<u>97</u>	Ethylbenzene	(ppb)	<u>—</u>
TPH	(ppm)	<u>27.7</u>	Total Xylenes	(ppb)	<u>—</u>

Groundwater Sample: Yes _____ No X (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 12-17-98 PRINTED NAME JEFFREY C. BLAGG

SIGNATURE Jeffrey C. Blagg AND TITLE NMPE 11607

AFTER REVIEW OF THE PIT CLOSURE INFORMATION, PIT CLOSURE IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES X NO _____ (REASON) _____

SIGNED: K. C. Mc DATE: 12-28-98

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

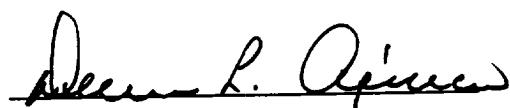
Client:	Blagg / Billco	Project #:	04034-10
Sample ID:	C @ 6'	Date Reported:	12-01-98
Laboratory Number:	E231	Date Sampled:	11-30-98
Chain of Custody No:	6438	Date Received:	11-30-98
Sample Matrix:	Soil	Date Extracted:	12-01-98
Preservative:	Cool	Date Analyzed:	12-01-98
Condition:	Cool and Intact	Analysis Requested:	8015 TPH


Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	24.7	0.2
Diesel Range (C10 - C28)	3.0	0.1
Total Petroleum Hydrocarbons	27.7	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: Martin - Florance #8 Dehy.


Analyst


Review

JICARILLA APACHE TRIBE
ENVIRONMENTAL PROTECTION OFFICE
P.O. BOX 507
DULCE, NEW MEXICO 87528

LOC# 7085

SUBMIT 1 COPY TO

NATURAL RESOURCE DEPT

AND OIL & GAS ADMINISTRATION

007 1 5 1999

ON-SITE SOIL REMEDIATION REPORT

Oil Spill Div.
DIST. 3

Operator: BILLCO ENERGY Telephone: 325-3404

Address: PO BOX 3038, FARMINGTON, NM. 87499

Facility or Well Name: MARTIN FLORANCE #8

Location: Unit or Qtr/Qtr Sec C Sec 5 T 23N R 4W County RIO ARriba

Land Type: RANGE

Date Remediation Started: 11-24-98 Date Completed: 7-15-99

Remediation Method: Landfarmed ☒ Approx. cubic yards 126
Composted ☐
Other ☐

Depth To Groundwater: (pts.) 0

Distance to an Ephemeral Stream (pts.) 0

Distance to Nearest Lake, Playa, or Watering Pond (pts.) 0

Wellhead Protection Area: (pts.) 0

Distance To Surface Water: (pts.) 0

RANKING SCORE (TOTAL POINTS): 0

Final Closure Sampling:

Sampling Date: 7-12-99 Time: 1000

Sample Results:

Field Headspace (ppm) 11.4

TPH (ppm) 595 Method TPH (8015)

Other ☐

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

DATE 9-24-99 PRINTED NAME JEFFREY C. BLAGE

SIGNATURE Jeffrey C. Blage AND TITLE NMPE 11607

AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.

APPROVED: YES ☒ NO ☐ (REASON) ☐

SIGNED: Keith M. M... DATE: 9-27-99

CLIENT <u>BILCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.D.C. NO: <u>7085</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION		
LOCATION: NAME: <u>MARTIN FLORANCE WELL # 8</u>	PITS: <u>DEHY</u>	DATE STARTED: <u>7.12.99</u>
QUAD/UNIT: <u>C SEC 5 TWP: 23N RNG: 4W</u>	PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	DATE FINISHED: <u>7.15.99</u>
QTR/FOOTAGE: <u>660N 1980W</u> CONTRACTOR: <u>INLAND</u>		ENVIRONMENTAL SPECIALIST: <u>REP</u>

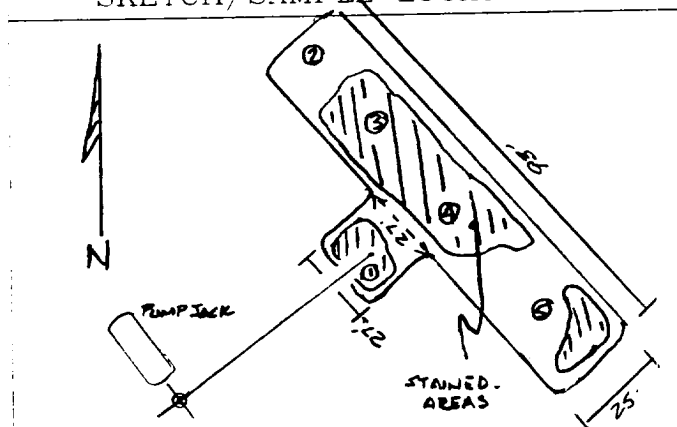
SOIL REMEDIATION:	
REMEDICATION SYSTEM: <u>LANDFARM</u>	APPROX. CUBIC YARDAGE: <u>120</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>1'</u>

FIELD NOTES & REMARKS:	
DEPTH TO GROUNDWATER: <u>7100'</u> NEAREST WATER SOURCE: <u>71000'</u> NEAREST SURFACE WATER: <u>71000'</u>	
NMDD RANKING SCORE <u>0</u> NMDD TPH CLOSURE STD: <u>5000</u> PPM	
<p>DK. YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST FIRM. SEVERAL AREAS OF STAINING OBSERVED IN LANDFARM AREA (SEE SKETCH BELOW) HC ODOE DETECTED IN SAMPLING PTS. ① + ③. SAMPLING DEPTHS RANGE FROM 6"-10" COLLECTED A 5 PT. COMPOSITE SAMPLE FOR LAB ANALYSIS.</p>	

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
LF-1	11.4	LF-1	TPH (Boi5)	1000	595

SCALE



TRAVEL NOTES: CALLOUT: <u>NA</u>	ONSITE: <u>7.12.99</u>
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

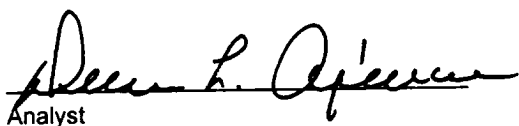
Client:	Blagg / Billco	Project #:	403410
Sample ID:	LF - 1	Date Reported:	07-15-99
Laboratory Number:	F664	Date Sampled:	07-12-99
Chain of Custody No:	7085	Date Received:	07-14-99
Sample Matrix:	Soil	Date Extracted:	07-14-99
Preservative:	Cool	Date Analyzed:	07-14-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

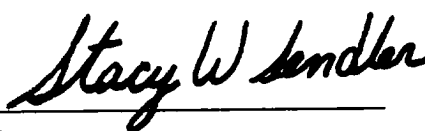
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.8	0.2
Diesel Range (C10 - C28)	594	0.1
Total Petroleum Hydrocarbons	595	0.2

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: **Martin Florance - 8 5 Pt. Composite.**


Analyst


Review

7085

[illegible]