

District I
P.O. Box 1980, Hobbs, NM
District II
P.O. Drawer DD, Artesia, NM 88211
District III
000 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

Risk-behavior
RECEIVED
OCT 21 1999

PIT REMEDIATION AND CLOSURE REPORT CON. DIV.
DIST. 3

Operator: R. C. RESOURCES COMPANY INC. Telephone: (505) 326-6903
Address: 501 AIRPORT DR., SUITE 161, FARMINGTON, NEW MEXICO 87499
Facility Or: HODGES 15E
Well Name
Location: Unit or Qtr/Qtr Sec J Sec 27 T 26N R 8W County SAN JUAN
Pit Type: Separator Dehydrator Other SEPARATOR/COMPRESSOR COMBO
Land Type: BLM X, State , Fee , Other

Pit Location: Pit dimensions: length 23', width 15', depth 4'
(Attach diagram) Reference: wellhead X, other
Footage from reference: 79'
Direction from reference: 55 Degrees X East North
of West South X

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) 0
No (0 points)

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) 0
Greater than 1000 feet (0 points)

RANKING SCORE (TOTAL POINTS) 0

Date Remediation Started: _____ Date Completed: 7/24/95
Remediation Method: Excavation ☒ Approx. cubic yards 35
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
other COMPOSTED

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

General Description of Remedial Action: _____
Excavation - BEDROCK BOTTOM. BEDROCK OBSERVED ONE
FOOT BELOW GROUND SURFACE THROUGHOUT ENTIRE
PERIMETER OF PIT.

Ground Water Encountered: No ☒ Yes _____ Depth _____

Final Pit: Closure Sampling: _____
(if multiple samples, attach sample results and diagram of sample locations and depths)
Sample location see Attached Documents
Sample depth 1'
Sample date 7/24/95 Sample time 0840

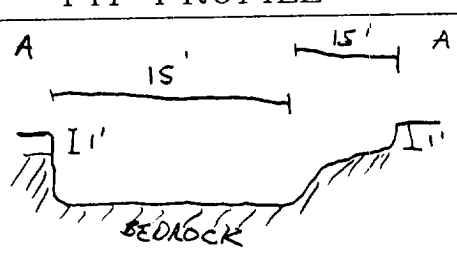
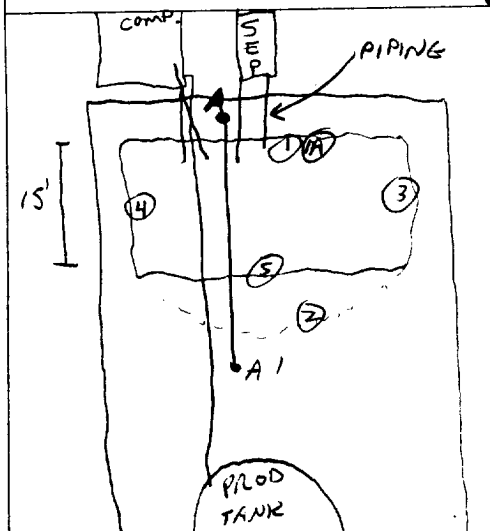
Sample Results
Benzene(ppm) _____
Total BTEX(ppm) _____
Field headspace(ppm) 271
TPH 1000 ppm

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 7/28/95
SIGNATURE [Signature] PRINTED NAME AND TITLE ROBERT R. CLICK - President

3004524473

CLIENT: <u>R.R. CLICK</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BR0301</u> C.O.C. NO: <u>4306</u>																								
FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																								
LOCATION: NAME: <u>HODGES</u> WELL #: <u>15E</u> PIT: <u>COMPR./SEP</u> QUAD/UNIT: <u>J</u> SEC: <u>27</u> TWP: <u>26N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u> QTR/FOOTAGE: <u>NW/4 SE/4</u> CONTRACTOR: <u>EPC</u>		DATE STARTED: <u>7/24/95</u> DATE FINISHED: <u>7/28/95</u> ENVIRONMENTAL SPECIALIST: <u>NV</u>																								
EXCAVATION APPROX <u>23</u> FT. x <u>15</u> FT. x <u>4</u> FT. DEEP. CUBIC YARDAGE: _____ DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>COMPOSTED</u> LAND USE: <u>RANGE</u> LEASE: <u>078432</u> FORMATION: <u>PC/DK</u>																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>79</u> FT. <u>SSSE</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u>2100'</u> NEAREST WATER SOURCE: <u>21000'</u> NEAREST SURFACE WATER: <u>21000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM																										
SOIL AND EXCAVATION DESCRIPTION: DIR. YELL. BROWN SAND, NON-COHESIVE SLIGHTLY MOIST, FIRM, SLIGHT HC IN NORTH SIDEWALL. TOP OF BEDROCK @ <u>1'</u> BELOW GROUND SURFACE BOTTOM - BEDROCK, HARD, OLIVE GRAY, STRONG HC DOOR - ADDITIONAL EXCAVATION COMPLETED ON NORTH SIDEWALL RESAMPLED 7/28 SEE (A) @ 1' BELOW (OVM RESULTS)		CHECK ONE: ☐ PIT ABANDONED ☒ STEEL TANK INSTALLED																								
SCALE  0 FT	FIELD 418.1 CALCULATIONS <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>TIME</th> <th>SAMPLE I.D.</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>0940</td> <td>① @ 1'</td> <td>TPH-1543</td> <td>5</td> <td>20</td> <td>1:1</td> <td>260</td> <td>1,040</td> </tr> <tr> <td>"</td> <td>"</td> <td>DUPLICATE</td> <td>"</td> <td>"</td> <td>1:1</td> <td>239</td> <td>956</td> </tr> </tbody> </table>	TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm	0940	① @ 1'	TPH-1543	5	20	1:1	260	1,040	"	"	DUPLICATE	"	"	1:1	239	956	PIT PROFILE 
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TRAVEL NOTES: CALLOUT: <u>7/24/95 MORN</u> ONSITE: <u>7/24/95 MORN. 0840</u>																										

BLAGG ENGINEERING, INC.

P.O. Box 87, Bloomfield, New Mexico 87413

Phone: (505)632-1199 Fax: (505)632-3903

**FIELD MODIFIED EPA METHOD 418.1
TOTAL PETROLEUM HYDROCARBONS**

Client: R.R. CLICK
Sample ID: 1 @ 1'
Project Location: Hodges 15E
Laboratory Number: TPH-1543

Project #:
Date Analyzed: 07-24-95
Date Reported: 07-24-95
Sample Matrix: Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
-----	-----	-----
Total Recoverable Petroleum Hydrocarbons	1,000	20

ND = Not Detectable at stated detection limits.

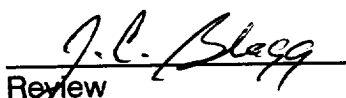
QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	1040	956	8.42

*Administrative Acceptance limits set at 30%.

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

Comments: Compressor / Separator Pit - BR301


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg Engineering	Project #:	04034-01
Sample ID:	1 @ 1'	Date Reported:	07-25-95
Laboratory Number:	8757	Date Sampled:	07-24-95
Chain of Custody:	4306	Date Received:	07-24-95
Sample Matrix:	Soil	Date Analyzed:	07-25-95
Preservative:	Cool	Date Extracted:	07-24-95
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	ND	29.5
Toluene	3,030	33.7
Ethylbenzene	10,200	31.5
p,m-Xylene	54,100	26.9
o-Xylene	38,800	29.2

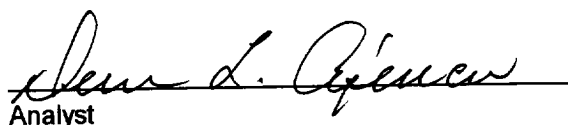
ND - Parameter not detected at the stated detection limit.

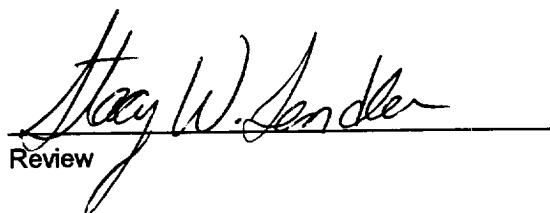
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	99 %

References: Method 5030, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Method 8020, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, Sept. 1994.

Comments: RC Resources, Inc., Hodges 15E Comp./Sep Pit, BR301.


Analyst


Review

FAX: 632-3903

CHAIN OF CUSTODY RECORD

[illegible]**ENVIROTECH INC.**

**5796 U.S. Highway 64-3014
Farmington, New Mexico 87401**

(505) 632-0615

CLIENT: <u>RC RESOURCES</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BR301</u> C.D.C. NO: <u>7100</u>
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>HODGES</u>	WELL #: <u>15E</u>	PITS: <u>COMP, SEP</u>	DATE STARTED: <u>8.12.99</u>	DATE FINISHED: <u>8.17.99</u>
QUAD/UNIT: <u>5</u> SEC: <u>27</u> TWP: <u>26N</u> RNG: <u>8W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>			ENVIRONMENTAL SPECIALIST: <u>REP</u>	
QTR/FOOTAGE: <u>18505/1570E</u>		CONTRACTOR: <u>EPC</u>		

SOIL REMEDIATION:

REMEDIATION SYSTEM: LANDFARM APPROX. CUBIC YARDAGE: 35
 LAND USE: RANGE LIFT DEPTH (ft): 1'

FIELD NOTES & REMARKS:

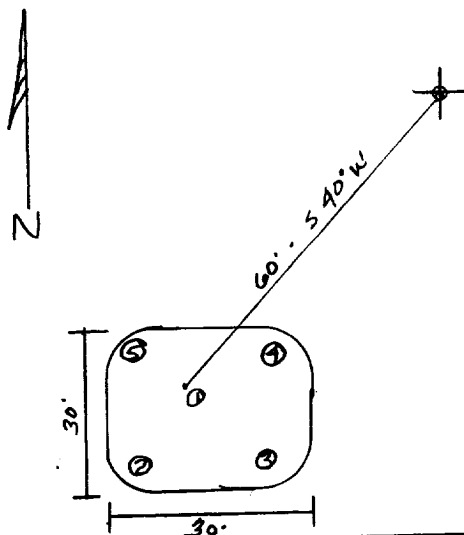
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
 NMOC RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM

DARK YELLOWISH BROWN SAND, NON COHESIVE, SLIGHTLY MOIST, FIRM
 NO APPARENT STAINING. NO HC ODOR DETECTED. SAMPLING DEPTHS RANGE
 FROM 6"-10". COLLECTED A SPT COMPOSITE SAMPLE FOR LAB ANALYSIS.

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
<u>LF-1</u>	<u>7.4</u>	<u>LF-1</u>	<u>TPH (8015)</u>	<u>1145</u>	<u>72.0</u>

SCALE



TRAVEL NOTES: CALLOUT: NA ONSITE: 8.12.99

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

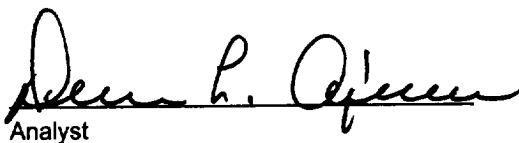
Client:	Blagg / RC Resources	Project #:	403410
Sample ID:	LF - 1	Date Reported:	08-17-99
Laboratory Number:	F914	Date Sampled:	08-12-99
Chain of Custody No:	7100	Date Received:	08-13-99
Sample Matrix:	Soil	Date Extracted:	08-16-99
Preservative:	Cool	Date Analyzed:	08-17-99
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

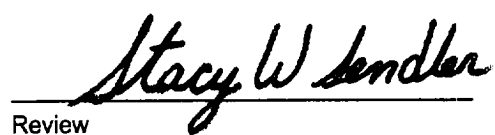
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	72.0	0.1
Total Petroleum Hydrocarbons	72.0	0.2

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: **Hodges 15 E LF. 5 Pt. Composite.**


Analyst


Review

7100

[illegible]