

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

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

ON-SITE SOIL REMEDIATION REPORT

Operator: <u>BILCO ENERGY</u> Telephone: <u>505-325-3404</u>	
Address: <u>P.O. Box 3038, FARMINGTON, NM 87499</u>	
Facility or Well Name: <u>BOULDER MANCOS # 7</u>	
Location: Unit or Qtr/Qtr Sec <u>B</u> Sec <u>35</u> T <u>28N</u> R <u>1W</u> County <u>RIO ARriba</u>	
Land Type: <u>RANGE</u>	
Date Remediation Started: <u>10-31-96</u> Date Completed: <u>7-9-97</u>	
Remediation Method: Landfarmed <input type="checkbox"/> Approx. cubic yards <u>60</u>	
Composted <input checked="" type="checkbox"/>	
Other _____	
Depth To Groundwater: (pts.) <u>0</u>	Final Closure Sampling: Sampling Date: <u>7-9-97</u> Time: <u>1045</u> Sample Results: Field Headspace (ppm) <u>1.3</u> TPH (ppm) <u>261</u> Method <u>8015</u> Other _____
Distance to an Ephemeral Stream (pts.) <u>0</u>	
Distance to Nearest Lake, Playa, or Watering Pond (pts.) <u>0</u>	
Wellhead Protection Area: (pts.) <u>0</u>	
Distance To Surface Water: (pts.) <u>0</u>	
RANKING SCORE (TOTAL POINTS): <u>0</u>	
I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEGE AND BELIEF	
DATE <u>7-15-97</u> PRINTED NAME <u>JEFF BLAGG</u>	
SIGNATURE <u>Jeff Blagg</u> AND TITLE <u>NMPE # 11607</u>	
AFTER REVIEW OF THE SOIL REMEDIATION INFORMATION, ON-SITE REMEDIATION IS APPROVED IN ACCORDANCE TO THE JICARILLA APACHE TRIBE PIT CLOSURE ORDINANCE.	
APPROVED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (REASON) _____	
SIGNED: <u>Kurt Mammell</u> DATE: <u>7-22-97</u>	

CLIENT: <u>BLLCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BE 472</u> C.O.C. NO: _____
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: <u>BOULDER MANCOS</u> WELL #: <u>7</u> PITS: <u>SEP/TANK</u> QUAD/UNIT: <u>B</u> SEC: <u>35</u> TWP: <u>28N</u> RNG: <u>1W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u> QTP/FOOTAGE: _____ CONTRACTOR: <u>BLLCO</u>	DATE STARTED: <u>10-31-97</u> DATE FINISHED: <u>7-9-97</u> ENVIRONMENTAL SPECIALIST: <u>JCS</u>
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SOIL REMEDIATION:

REMEDICATION SYSTEM: COMPOST APPROX. CUBIC YARDAGE: 60

LAND USE: RANGE LIFT DEPTH (ft): 3'

FIELD NOTES & REMARKS:

DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

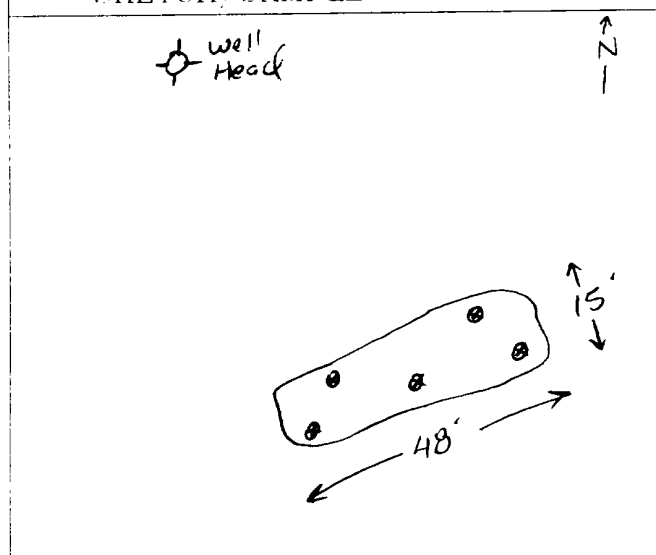
NMDDI RANKING SCORE: 0 NMDDI TPH CLOSURE STD: 5000 PPM

5 POINT COMPOSITE SAMPLE OF LANDFARM

FIELD 418.1 CALCULATIONS

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

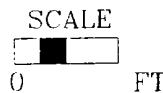
SKETCH/SAMPLE LOCATIONS



OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE PILE (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
<u>COMP 1</u>	<u>1.3</u>	<u>COMPOST PILE</u>	<u>9015</u>	<u>1045</u>	<u>261</u>



TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

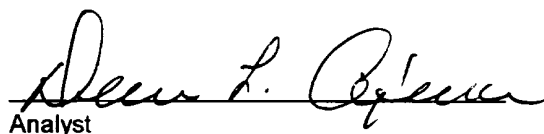
Client:	Blagg / Billco	Project #:	04034-10
Sample ID:	Compost Pile	Date Reported:	07-11-97
Laboratory Number:	B650	Date Sampled:	07-09-97
Chain of Custody No:	5133	Date Received:	07-10-97
Sample Matrix:	Soil	Date Extracted:	07-10-97
Preservative:	Cool	Date Analyzed:	07-10-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

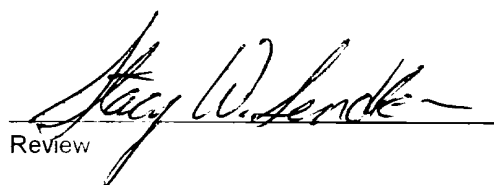
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	261	0.1
Total Petroleum Hydrocarbons	261	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015, Nonhalogenated Volatile Organics. Test Methods for Evaluating Solid Waste, SW-846, USEPA, July 1992.

Comments: **Boulder Mancos #7.**


Analyst


Review

