

**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 #1</u>		
Location: Unit or Qtr/Qtr Sec <u>D</u> Sec <u>26</u> T <u>28N</u> R <u>1W</u> County <u>RIO ARKANSAS</u>		
Land Type: <u>RANGE</u>		
Date Remediation Started: <u>10-31-96</u>		Date Completed: <u>7-9-97</u>
Remediation Method: Landfarmed <u> </u>		Approx. cubic yards <u>33</u>
Composted <u>X</u>		
Other <u> </u>		
Depth To Groundwater: (pts.) <u>0</u>		Final Closure Sampling: Sampling Date: <u>7-9-97</u> Time: <u>1145</u> Sample Results: Field Headspace (ppm) <u>3.3</u> TPH (ppm) <u>285</u> Method <u>8015</u> Other <u> </u>
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 KNOWLEDGE 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 <u>X</u> NO <u> </u> (REASON) <u> </u>		
SIGNED: <u>Kenneth M. M... [Signature]</u>		DATE: <u>7-22-97</u>

CLIENT: <u>BILCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>BE 471</u> C.O.C. NO: _____
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FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION NAME: <u>BOULDER MANCOS</u> WELL #: <u>1</u> PITS: <u>TANK</u>	DATE STARTED: <u>10-31-97</u> DATE FINISHED: <u>7-9-97</u>
QUAD/UNIT <u>D</u> SEC: <u>26</u> TWP: <u>28N</u> RNG: <u>1W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>
WELP FEETAGE: _____ CONTRACTOR: <u>BILCO</u>	

SOIL REMEDIATION:

REMEDIAL ACTION SYSTEM: <u>COMPOST</u>	APPROX. CUBIC YARDAGE: <u>33</u>
LAND USE: <u>RANGE</u>	LIFT DEPTH (ft): <u>5'</u>

FIELD NOTES & REMARKS:

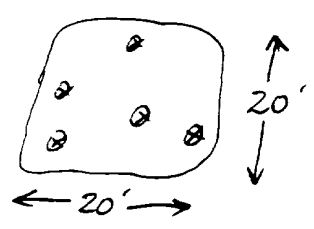
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'
 NMDCD FARMING SLOPE: 0 NMDCD TPH CLOSURE STD: 5000 PPM

5 POINT COMPOSITE SAMPLE

FIELD 4181 CALCULATIONS

DATE	TIME	SAMPLE ID	LAB No:	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. ppm

SKETCH/SAMPLE LOCATIONS



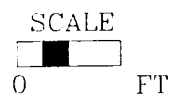
OVM RESULTS

LAB SAMPLES

SAMPLE ID	FIELD HEADSPACE FID (ppm)	SAMPLE ID	ANALYSIS	TIME	RESULTS
<u>COMPOSITE</u>	<u>3.3</u>	<u>COMPOST PILE</u>	<u>8015</u>	<u>1145</u>	<u>285</u>



Wellhead



TRAVEL NOTES: _____ CALLOUT: _____ ONSITE: _____

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

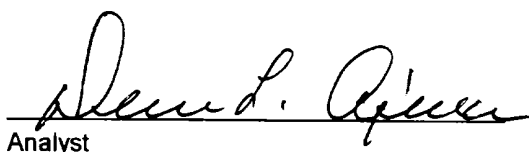
Client:	Blagg / Billco	Project #:	04034-10
Sample ID:	Compost Pile	Date Reported:	07-11-97
Laboratory Number:	B652	Date Sampled:	07-09-97
Chain of Custody No:	5135	Date Received:	07-10-97
Sample Matrix:	Soil	Date Extracted:	07-10-97
Preservative:	Cool	Date Analyzed:	07-10-97
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

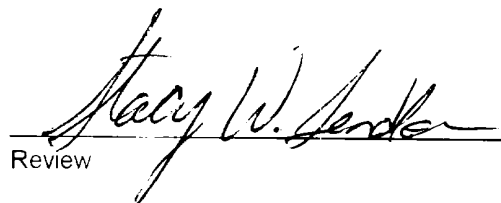
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	285	0.1
Total Petroleum Hydrocarbons	285	0.2

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 #1.**


Analyst


Review

