

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

CA 372

RANKING SCORE (TOTAL POINTS):

Date Remediation Started: _____ Date Completed: 6/24/96Remediation Method: Excavation ☒ Approx. cubic yards 7200
Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____

Other _____

Remediation Location: Onsite _____ Offsite ☒ JICARILLA L.L.P. LANDFARM #7
(i.e. landfarmed onsite, name and location of offsite facility)General Description of Remedial Action: Excavation & HaulGroundwater 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 28'Sample date 6/2/96 & 6/24/96 Sample time 1355 / 1055

Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>21.6</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>452</u>	Total Xylenes	(ppb)	_____

Groundwater 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 6/24/96 PRINTED NAME Jeffrey C. Blagg, P.E. #11607SIGNATURE Jeffrey C. Blagg AND TITLE President

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

APPROVED: YES ☒ NO _____ (REASON) _____SIGNED: Steve C. Mammola DATE: 6-24-96

CLIENT: <u>CONOCO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CA372</u> C.O.C. NO: <u>4730</u>
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FIELD REPORT: CLOSURE VERIFICATION	PAGE No: <u>1</u> of <u>1</u>
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LOCATION: NAME: <u>JICARILLA</u> WELL #: <u>A8</u> PIT: <u>SEP/PROD</u>	DATE STARTED: <u>6/12/96</u> DATE FINISHED: <u>6/24/96</u>
QUAD/UNIT: <u>E</u> SEC <u>23</u> TWP: <u>26N</u> RNG: <u>4W</u> PM: <u>NM</u> CNTY: <u>RA</u> ST: <u>NM</u>	ENVIRONMENTAL SPECIALIST: <u>NV</u>
OTP/FOOTAGE: <u>1450' FWL/885' FWL</u> CONTRACTOR: <u>ACME/ P+S</u>	

EXCAVATION APPROX. <u>82</u> FT. x <u>50</u> FT. x <u>36</u> FT. DEEP	CUBIC YARDAGE: <u>7200</u>
DISPOSAL FACILITY: <u>JICARILLA LANDFARM #7</u> REMEDIATION METHOD: <u>LANDFARM</u>	
LAND USE: <u>RANGE</u> LEASE: <u>CONTRACT #105</u> FORMATION: _____	

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>65</u> FT. <u>N20W</u> FROM WELLHEAD
DEPTH TO GROUNDWATER <u>7100</u>	NEAREST WATER SOURCE: <u>71000'</u> NEAREST SURFACE WATER: <u>71000'</u>
NMOCB BANKING SCORE <u>0</u>	NMOCB TPH CLOSURE STD: <u>5000</u> PPM
CHECK ONE: ☒ PIT ABANDONED ☐ STEEL TANK INSTALLED	

SOIL AND EXCAVATION DESCRIPTION:

MOSTLY OK. YELL. BROWN SAND TO SILTY SAND, EAST SIDEWALL OK. OLIVE GRAY, NON-COHESIVE, SLIGHTLY MOIST, FIRM, SLIGHT HC ODOR IN BOTTOM OVM SAMPLE, ITC ODOR IN EAST SIDEWALL OVM SAMPLE HOWEVER ODOR APPEARS TO BE SIMILAR TO GLYCOL DIETHYLENE, BOTTOM SAMPLE SLIGHTLY DARKER BROWN IN COLOR, SLUFFING OF NORTH SIDEWALL EVIDENT DURING SAMPLING EVENT. SOIL FROM RAMP AREAS ALSO HAULED OFF (APPROX. 2000 C.Y.) APPROX. 500 C.Y. STOCKPILED ON-SITE, APPARENTLY TO BE USED AS CLEAN BACKFILL MATERIAL. (SOIL STRIPPED FROM RAMP AREAS) ADDITIONAL EXCAVATION CONDUCTED ON FIELD 418.1 CALCULATIONS EAST SIDEWALL (6/24/96)

CLOSED 6/24/96

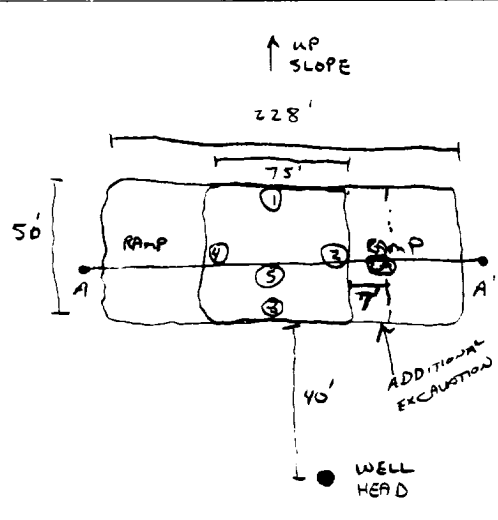


TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	ML. FREON	DILUTION	READING	CALC. ppm

PIT PERIMETER

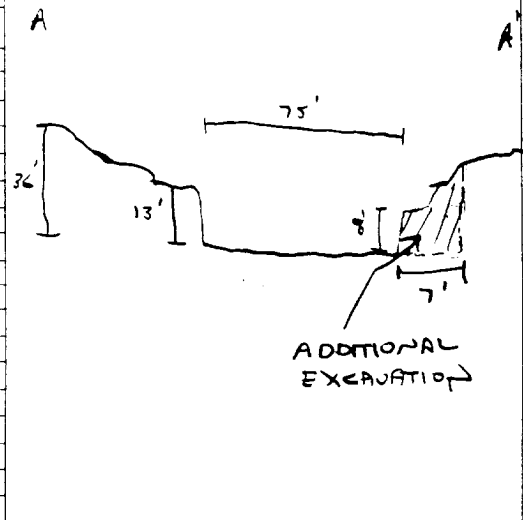
OVM RESULTS

PIT PROFILE



SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 C 27'	0.0
2 C 28'	75.0
3 C 30'	8.2
4 C 32'	0.0
5 C 37'	61.0
2A C 28'	21.6

SAMPLE ID	ANALYSIS	TIME
2 C 28'	TPH (8015)	1355
	IF TPH < 5000	
THEY RUN	BTEX (8020)	



TRAVEL NOTES:	CALLOUT: <u>6/12/96 MORN.</u>	ONSITE: <u>6/12/96 AFTER.</u>
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EPA METHOD 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

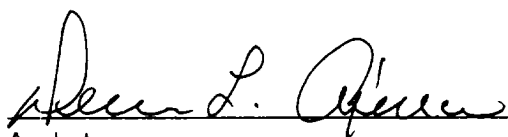
Client:	Blagg / Conoco	Project #:	04034
Sample ID:	2 @ 28'	Date Reported:	06-13-96
Laboratory Number:	A217	Date Sampled:	06-12-96
Chain of Custody No:	4730	Date Received:	06-13-96
Sample Matrix:	Soil	Date Extracted:	06-13-96
Preservative:	Cool	Date Analyzed:	06-13-96
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

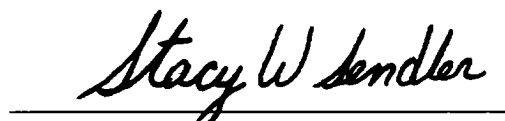
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	439	0.2
Diesel Range (C10 - C28)	13.1	0.1
Total Petroleum Hydrocarbons	452	0.2

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: Jicarilla A8 Separator/Production.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Conoco	Project #:	04034
Sample ID:	2 @ 28'	Date Reported:	06-13-96
Laboratory Number:	A217	Date Sampled:	06-12-96
Chain of Custody:	4730	Date Received:	06-13-96
Sample Matrix:	Soil	Date Analyzed:	06-13-96
Preservative:	Cool	Date Extracted:	06-13-96
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	256	13.3
Toluene	18,590	20.0
Ethylbenzene	9,590	10.1
p,m-Xylene	18,490	14.4
o-Xylene	14,060	6.9
Total BTEX	60,990	

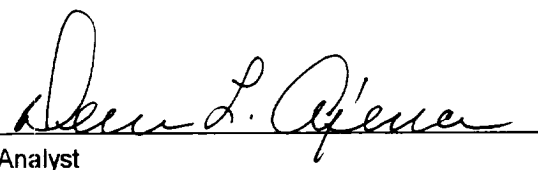
ND - Parameter not detected at the stated detection limit.

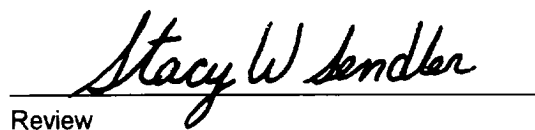
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	100 %
	Bromofluorobenzene	100 %

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: Jicarilla A8 Separator/Production.


Analyst


Review

CHAIN OF CUSTODY RECORD

[illegible]