

CNYU 7

**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

PIT REMEDIATION AND CLOSURE REPORT

Operator: CONOCO, INC. **Telephone:** (505) 324-5884

Address: 3315 Bloomfield Hwy., Farmington, NM 87401

Facility or Well Name: JICARILLA #17

Location: Unit or Qtr/Qtr Sec B Sec 32 T 26N R 4W County RIO ARriba

Pit Type: Separator ☐ Dehydrator ☐ Other PRODUCTION TANK

Land Type: RANGE

Pit Location: (Attach diagram) Pit dimensions: length 35', width 34', depth 15'

Reference: wellhead X, other _____

Footage from reference: 135'

Direction from reference: 68 Degrees _____ East of North _____
X West of South X

Depth To Groundwater:

(Vertical distance from
contaminants to seasonal
high water elevation of
groundwater)

RECEIVED
OCT 29 1996

Less than 50 feet (20 points)
50 feet to 99 feet (10 points)
Greater than 100 feet (0 points)

0

Distance to an Ephemeral Stream

(Downgradient dry wash greater than
ten feet in width)

OIL CON. DIV.
DIST. 3

Less than 100 feet (10 points)
Greater than 100 feet (0 points)

0

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)

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)
No (0 points)

0

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)

0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: _____ Date Completed: _____

Remediation Method: Excavation ☒ Approx. cubic yards 500
Check all appropriate sections) Landfarmed ☒ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite ☒ JICARILLA 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 16'
Sample date 8/13/96 Sample time 0946
Sample Results

Soil: Benzene	(ppm)	<u>0.04</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>15.23</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>158.6</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>64</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 _____ PRINTED NAME Jeffrey C. Blagg, P.E. # 11607
SIGNATURE 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: Kenn C. Mammell DATE: 8-15-96

CALL CUT: 8/12/96 AFTER. ONSITE: 8/13/96 MORN.

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:	CONOCO	Project #:	
Sample ID:	5 @ 16'	Date Analyzed:	08-13-96
Project Location:	Jicarilla # 17	Date Reported:	08-13-96
Laboratory Number:	TPH-1778	Sample Matrix:	Soil

Parameter	Result, mg/kg	Detection Limit, mg/kg
-----	-----	-----
Total Recoverable Petroleum Hydrocarbons	64	20

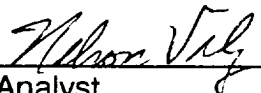
ND = Not Detectable at stated detection limits.


QA/QC:	QA/QC Sample TPH mg/kg	Duplicate TPH mg/kg	% *Diff.
	-----	-----	-----
	3292	3536	7.15

*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: Production Tank Pit - CA404


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8020 AROMATIC VOLATILE ORGANICS

Client:	Blagg / Conoco	Project #:	04034
Sample ID:	5 @ 16'	Date Reported:	08-14-96
Laboratory Number:	A473	Date Sampled:	08-13-96
Chain of Custody:	4891	Date Received:	08-14-96
Sample Matrix:	Soil	Date Analyzed:	08-14-96
Preservative:	Cool	Date Extracted:	08-14-96
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	42.1	17.5
Toluene	7,230	16.7
Ethylbenzene	3,270	15.2
p,m-Xylene	2,780	21.6
o-Xylene	1,910	10.4
Total BTEX	15,230	

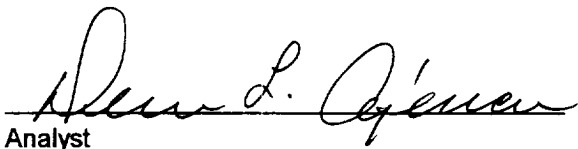
ND - Parameter not detected at the stated detection limit.

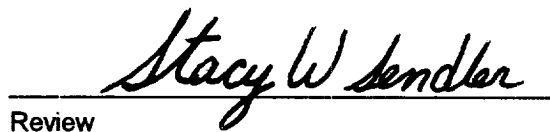
Surrogate Recoveries:	Parameter	Percent Recovery
	Trifluorotoluene	99 %
	Bromofluorobenzene	100 %

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 #17 Prod. Tank Pit.


Analyst


Review

Client/Project Name						Project Location								ANALYSIS/PARAMETERS						
BAGE / CONOCO						PRED. TRNK PIT														
Sampler: (Signature) <i>Nelson Velazquez</i>						JICARILLA #17														
Chain of Custody Tape No. 04034																				
Sample No./ Identification ⑤ @ 16'		Sample Date 8/13/96		Sample Time 0940		Lab Number A473		Sample Matrix SOLID		(No. of Containers)		(Remarks)								
Relinquished by: (Signature) <i>Nelson Velazquez</i>						Received by: (Signature) _____ Date: 8/14/96 Time: 0705								Time: 0705						
Relinquished by: (Signature)						Received by: (Signature)														
Relinquished by: (Signature)						Received by: (Signature)														

ENVIROTECH INC.
 5796 U.S. Highway 64-3014
 Farmington, New Mexico 87401
 (505) 632-0615