

Denny
DEPUTY OIL & GAS INSPECTOR

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

FEB 3 1989

PIT REMEDIATION AND CLOSURE REPORT

Approved
Operator: DUGAN PRODUCTION CORP. Telephone: 505-325-1821

Address: P.O. Box 420, FARMINGTON, NM 87499

Facility or Well Name: A NEW DAWN #3

Location: Unit or Qtr/Qtr Sec D Sec 23 T 24N R 5W County RIO ARriba

Pit Type: Separator ☐ Dehydrator ☐ Other PRODUCTION TANK

Land Type: RANGE

Pit Location:
(Attach diagram)

Pit dimensions: length 12, width 12, depth 3

Reference: wellhead X, other _____

Footage from reference: 120

Direction from reference: 45 Degrees _____ East _____ North _____
_____ X West _____ South X

Depth To Groundwater:

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

Less than 50 feet	(20 points)	
50 feet to 99 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

Distance to an Ephemeral Stream

(Downgradient dry wash greater than
ten feet in width)

Less than 100 feet	(10 points)	
Greater than 100 feet	(0 points)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>

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)	<u>0</u>

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 9-23-98 Date Completed: 9-23-98

Remediation Method: Excavation _____ Approx. cubic yards 0
(Check all appropriate sections) Landfarmed _____ Insitu Bioremediation _____
Other NO REMEDIATION REQUIRED - PIT TESTED CLEAN

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

General Description of Remedial Action: Excavation

Groundwater Encountered: No X 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 3' BELOW PIT BOTTOM - USING BACKHOE

Sample date 9-23-98 Sample time 1430

Sample Results

Soil: Benzene	(ppm)	<u>—</u>	Water: Benzene	(ppb)	<u>—</u>
Total BTEX	(ppm)	<u>—</u>	Toluene	(ppb)	<u>—</u>
Field Headspace	(ppm)	<u>3.5</u>	Ethylbenzene	(ppb)	<u>—</u>
TPH	(ppm)	<u>ND</u>	Total Xylenes	(ppb)	<u>—</u>

Groundwater Sample: Yes _____ No X (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 10-26-98 PRINTED NAME JEFFREY C. BLAGG

SIGNATURE Jeffrey C. Blagg AND TITLE NMPE 11607

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

APPROVED: YES X NO _____ (REASON) _____

SIGNED: Ken C. M... DATE: 10-27-98

CLIENT: <u>DUGAN</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: _____ C.O.C. NO: <u>6275</u>
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FIELD REPORT: CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>
LOCATION: NAME: <u>A NEW TOWN</u> WELL #: <u>3</u> PIT: <u>TANK</u>		DATE STARTED: <u>9-23-23</u> DATE FINISHED: <u>9-23-23</u>
QUAD/UNIT: <u>D</u> SEC: <u>23</u> TWP: <u>24N</u> RNG: <u>7N</u> PM: <u>11M</u> CNTY: <u>BL</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>JCE</u>
DTP/FOOTAGE: <u>52.5' x 300' x 1' CONTRACTOR: FOUTZ</u>		

EXCAVATION APPROX. <u>0</u> FT. x <u>0</u> FT. x <u>0</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>
DISPOSAL FACILITY: <u>NONE REQ.</u> REMEDIATION METHOD: <u>NONE</u>
LAND USE: <u>RANGE</u> LEASE: <u>JIC IPA UNIT 37-B</u> FORMATION: <u>DAKOTA</u>

FIELD NOTES & REMARKS:	PIT LOCATED APPROXIMATELY <u>120</u> FT. <u>S45°W</u> FROM WELLHEAD.
DEPTH TO GROUNDWATER: <u>>100</u>	NEAREST WATER SOURCE: <u>>1000</u> NEAREST SURFACE WATER: <u>>1000</u>
NMOCB RANKING SCORE: <u>0</u>	NMOCB TPH CLOSURE STD: <u>5000</u> PPM
SOIL AND EXCAVATION DESCRIPTION:	☒ CHECK ONE: ☒ PIT ABANDONED ☐ STEEL TANK INSTALLED ☐ FIBERGLASS TANK INSTALLED

CLEAN SAND - 12' FT. DEEP
1/2" DIA. 1/2" DIA. 1/2" DIA.
+ 1/2" DIA.

SCALE

0 FT

FIELD 418.1 CALCULATIONS

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

PIT PERIMETER

PIT PERIMETER

OVM RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 (C 4)	3.5
2	
3	
4	
5	

PIT PROFILE

LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
C 4	8015	1430

TRAVEL NOTES:	CALLOUT: _____	ONSITE: _____
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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / Dugan
Sample ID: Tank Drain C @ 3'
Laboratory Number: D958
Chain of Custody No: 6275
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

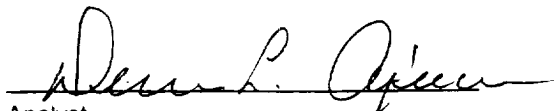
Project #: 04034-10
Date Reported: 09-24-98
Date Sampled: 09-23-98
Date Received: 09-24-98
Date Extracted: 09-24-98
Date Analyzed: 09-24-98
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	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: A New Dawn #3.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA Method 8015 Modified
Nonhalogenated Volatile Organics
Total Petroleum Hydrocarbons

Quality Assurance Report

Client:	QA/QC	Project #:	N/A
Sample ID:	09-24-TPH QA/QC	Date Reported:	09-24-98
Laboratory Number:	D952	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	09-24-98
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	04-28-98	2.8819E-002	2.8799E-002	0.07%	0 - 15%
Diesel Range C10 - C28	04-28-98	3.1914E-002	3.1904E-002	0.03%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	9.2	9.1	1.1%	0 - 30%

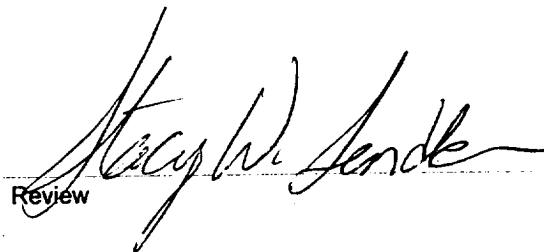
Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	250	100%	75 - 125%
Diesel Range C10 - C28	9.2	250	259	100%	75 - 125%

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: QA/QC for samples D952 - D959.


Analyst


Review

6275

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