

LOCATION: OHIO 12 (G-72-28N-11W)RMA EXEMPT
WASTES:Yes ☒ No ☐PIT TYPE: TOPATE FLOW TO PIT STOPPED: FALL 1992Denny E. Foust
DEPUTY OIL & GAS INSPECTOR

ACREAGE

TYPE:

☒ FEDERAL☐ JICARILLA☐ NAVAHO☐ STATE ☐ FEE

JUN 19 1995

SITE ASSESSMENT

Ranking Score

1) Groundwater Depth: ESTIMATE $\pm$ 100'Basis: KUTZ WASH APPROX 200 YDS DOWNGRADE FROM LOC. 0

2) Wellhead Protection Area:

Distance To

Water Sources: > 1000' Private Domestic Water Sources: > 200'Basis: NO FRESH WTR EXTRACTION IN VICINITY 03) Distance To Surface Body of Water: 200 - 1000'Basis: KUTZ WASH APPROX 200 YDS NORTH OF LOC 10Total Score: 10

Soil Characteristic

☐ Highly Contaminated/Saturated☒ Unsaturated Contaminated

RANKING CRITERIA

GUIDELINE REMEDIATION LEVELS

Depth to Groundwater	Wellhead Protection Area	Distance to Surface Water Body
	<1000' from water source or < 200' from private domestic water source	
Score	Score	Rank
<50 ft 20	yes 20	<200' horiz 20
<50 - 99 10	no 0	200 - 1000' horiz 10
>100 ft 0		>1000' horiz 0

Total Ranking Score			
	>19	10-19	0-9
Benzene (ppm)	10	10	10
BTEX (ppm)	50	50	50
Field Headspace			
Method for BTEX	100	100	100
TPH (ppm) **	100	1,000	5,000

** Concentration above background

DEFINITION OF CONTAMINATION

Date: 4-29-93Depth Excavated: NO RECORDFull Excavation: ☐ Maximum Extent Practicable

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLE RESULTS NOTES" FORM

Groundwater Encountered: Yes ☐ No ☒

If yes, approximate depth: _____

Groundwater Sampling? ☐ Yes ☐ No

Where was gw sample taken? _____

Attach GW Sample Results

NOTES:

REMEDATION PROFILESoil Treated Onsite ☐Date Remediation Started: 4-29-92☒ In Situ Bio☐ w/vapor venting☐ Landfarmed☐ Composted

Date: <u>4-29-92</u>	Description	Amount/Rate	Date: <u>6-19-92</u>	Description	Amount/Rate
Tilled	TURNED SOIL w/ BACKHOE		Tilled	TURNED SOIL w/ BACKHOE	
Nutrients	FERTILOME 28-4-4	6 #	Nutrients	FERTILOME 28-4-4	6 #
Moisture			Moisture		
Bulking Agent			Bulking Agent		
Organic Material			Organic Material		

Date: <u>10-19-92</u>	Description	Amount/Rate	Date: <u>4-23-93</u>	Description	Amount/Rate
Tilled	TURNED SOIL w/ BACKHOE		Tilled	TURNED SOIL w/ BACKHOE	
Nutrients	FERTILOME 28-4-4	5 #	Nutrients	FERTILOME 28-4-4	6 #
Moisture			Moisture		
Bulking Agent			Bulking Agent		
Organic Material			Organic Material		

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

SOIL TREATED/HANDLED OFFSITE**TO SITE (ATTACH MANIFEST)**

Where Treated:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

Quantity Disposed At Envirotech:

FROM SITE (ATTACH MANIFEST)

To This Location From:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

FINAL CLOSUREBTEX: 10 ppm (From Headspace Analysis)TPH: ND ppm (From Lab Results)

Revegetated:

yes ☐no ☐

Active Well or Facility Pad:

yes ☐no ☐NOTES: 4-29-93 - PIT WAS EXCAVATED: TREATED BUT NO RECORD OF DEPTHEXCAVATED. TREATMENT WAS CONTINUED AS LISTED IN REMEDIATION PROFILE.LAM ANALYSIS 5-19-93 INDICATED SOIL TPH STILL HIGH BUT BTEX-DUMIS BELOW REQUIREMENTS. 10-14-93 - MIXED CLEAN DIRT FROM LOCATIONIN TO DILUTE TPH, FERTILIZED PIT, 1-5-95 - PULLED TPH + DUA.

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Soil Treated Onsite ☐Date Remediation Start: 4-29-92☒ In Situ Bio☐ w/vapor venting☐ Landfarmed☐ Composted

Date: <u>10-14-93</u>	Description	Amount/Rate	Date:	Description	Amount/Rate
	Tilled				
	Nutrients				
	Moisture				
	Bulking Agent				
	Organic Material				

Date:	Description	Amount/Rate	Date:	Description	Amount/Rate
	Tilled				
	Nutrients				
	Moisture				
	Bulking Agent				
	Organic Material				

ALL SAMPLE RESULTS ARE SHOWN ON "SAMPLING RESULTS NOTES" FORM

SOIL TREATED/HANDLED OFFSITETO SITE (ATTACH MANIFEST)

Where Treated:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

Quantity Disposed At Envirotech:

FROM SITE (ATTACH MANIFEST)

To This Location From:

Type of Land (Fed/Nav/Jic/State/Fee):

Quantity Moved:

FINAL CLOSURE

BTEX: _____ ppm (From Headspace Analysis)

TPH: _____ ppm (From Lab Results)

Revegetated:

yes ☐no ☐

Active Well or Facility Pad:

yes ☐no ☐

NOTES: 1-4-95 - PULLED SAMPLE FOR DUA - TPH ANALYSIS
DUA < TPH LEVELS BELOW REQUIREMENTS. P.T IS CLOSED

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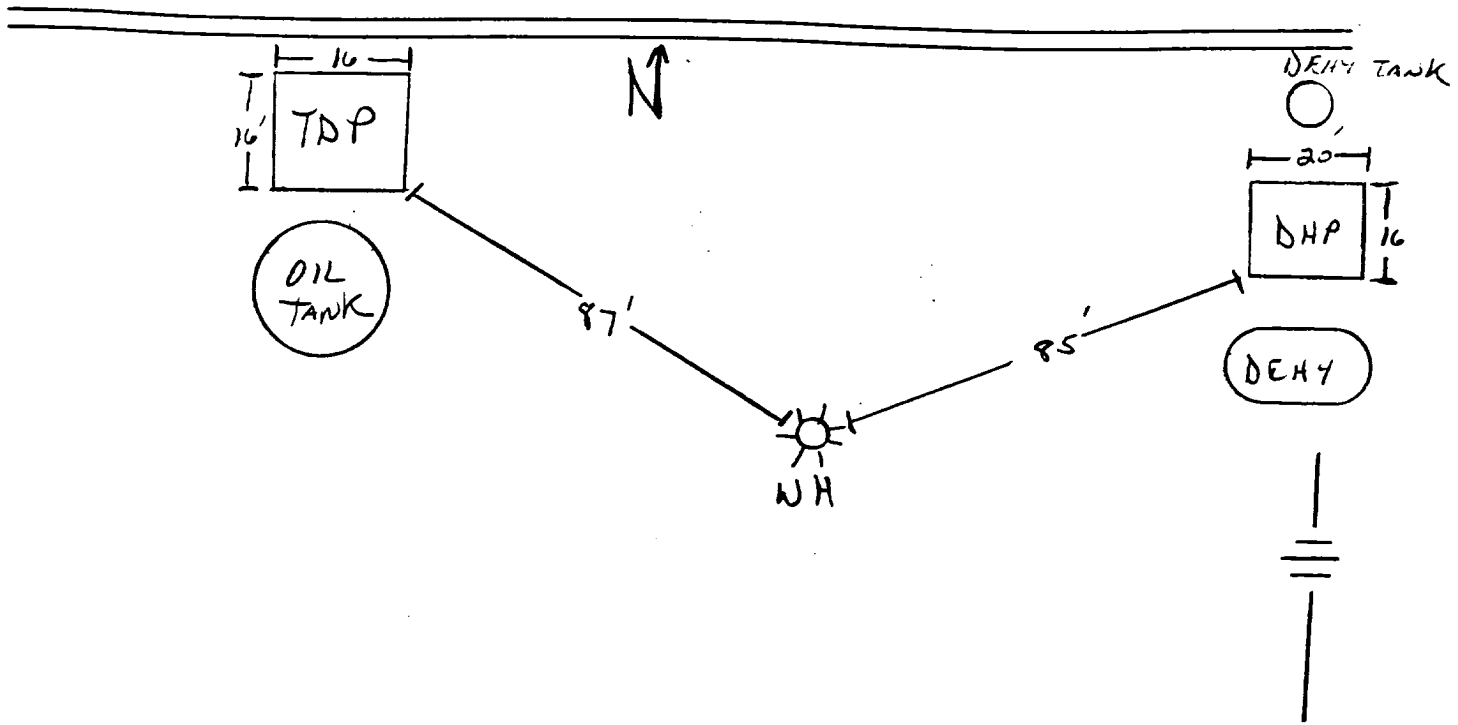
WIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

LOCATION OF PIT		TYPE OF PIT:						
OHIO IE		TDP						
DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT # 5	SAMPLE EVENT # 6	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	4-29-92	6-19-92	10-15-92	5-19-93	9-30-93	1-4-95		
LOCATION OF SAMPLE	TDP	TDP	TDP	TDP	TDP	TDP		
TYPE OF SAMPLE: (GRAB/COMPOSITE)	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE	COMPOSITE		
DEPTH OF SAMPLE(S)	3-5'	3-5'	3-5'	3-5'	3-5'	0-5'		
TEMPERATURE OF SAMPLE	-	-	-	77°	76°	66°		
ELD METHOD RESULTS (PPMS)	00m	720	720	00m	00m			
TPH VAPORS (EQUIV UNITS)	278	750	200	141	121	23		
BENZENE RESPONSE FACTOR	-	-	-	47	47	47		
ADJUSTED FOR BENZENE EQUIV UNITS	-	-	-	66	57	10		
B RESULTS IN PPM: METHOD (418.1 OR MOD #015)	418.1	418.1	418.1	418.1	418.1	418.1		
TPH	24,800	22,600	35,000	15,200	15,600	ND		
NOTES	PULLED SAMPLE FOR TPH ANAL							

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP

WELL LOCATION: OHIO 1E TDP/DHP S22 T28N R11W UNIT G

DATE STARTED: 4-29-92 DATE COMPLETED: _____



o SOIL SAMPLE LOCATION

A BACKGROUND SAMPLE LOCATION

50x10