

LOCATION: SAN Juan 28-7 # 131 RCRA EXEMPT
 WASTES: Yes ☒ No ☐
 FIT TYPE: BDP (ACTIVE) S-34, T-28N, E-7W, Unit-L
 DATE FLOW TO PIT STOPPED: 8/95
 TYPE REPLACEMENT PIT: ☐ NONE ☐ BACKFILLED - BELOW GROUND ☒ ABOVE GROUND
 ACREAGE
 TYPE: ☒ FEDERAL ☐ JICARILLA ☐ NAVAHO ☐ STATE ☐ FEE

SITE ASSESSMENT

- 1) Groundwater Depth: ESTIMATE > 100' Ranking Score
 Basis: ELEVATION FROM WASH 0
 2) Wellhead Protection Area:
 Distance To
 Water Sources: > 1000' Private Domestic Water Sources: > 200'
 Basis: NO PRIVATE OR DOMESTIC WTR SOURCES IN VICINITY 0
 3) Distance To Surface Body of Water: > 1000'
 Basis: NO SURFACE WTR IN VICINITY 0
 Total Score: 0

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
<30 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: 8/8/95

Depth Excavated: 3' BGS

Full Excavation: ☐ Maximum Extent Practicable Hit Bedrock @ 3' BGS

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:

Remediation, Inc.
 DEWULF & GAS INSPECTOR

JUN 3 1996

Approved

RECEIVED
 MAR 18 1996

OIL CON. DIV.
 DIST. 3

Soil Treated Onsite



Date Remediation Started: 8/8/95



In Situ Bio



w/vapor venting



Landfarmed



Composted

	Date: 8/8/95		Date:	
	Description	Amount/Rate	Description	A. 10
Tilled				
Nutrients	34-0-0 In Situ	116		
Moisture				
Bulking Agent				
Organic Material				

	Date:		Date:	
	Description	Amount/Rate	Description	Amount/1
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: 96.1 ppm (From Headspace Analysis)

TPH: 24.6 ppm (From Lab Results)

Revegetated:

yes ☐no ☒

Active Well or Facility Pad:

yes ☒no ☐

NOTES: 8/8/95 Entire Pit is Bedrock. Took 5 pt. Composite Sample

4 grabs From side walls & 1 From bottom center @ 3' BGS

OVM = 2045 ppm @ 78°, Sent Sample to Lab for TPH

CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

Conoco Inc.

LOCATION OF PIT: San Juan 28-7 #131 TYPE OF PIT: BDP

LOCATION OF PIT	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #	SAMPLE EVENT #
DATE OF SAMPLE	7/14/95	8/8/95								
LOCATION OF SAMPLE	BDP	BDP								
(GRAB/COMPOSITE)	Grab	5pt Composite								
DEPTH OF SAMPLE(S)	0'	3' BGS								
TEMPERATURE OF SAMPLE	72°	78°								
METHOD RESULTS (PPMS)										
TPH VAPORS (EQUIV UNITS)	10.3 ppm	204.5								
ENGINE RESPONSE FACTOR	.47	.47								
ADJUSTED FOR BENZENE EQUIV UNITS		96.1								
SULTS IN PPM:										
METHOD (418.1 OR MOD 8016)		418.1								
TPH		24.6								
NOTES	Bedrock @ Surface could not penetrate	Entire pit is bedrock. Sample taken from 4 side walls & 1 @ pit bottom @ 3' BGS Sample sent to Lab								

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**

Conoco Inc.

Project: Backhoe and hand grab
Matrix: Soil
Condition: Intact/Cool

Date Reported: 08/11/95
Date Sampled: 08/08/95
Date Received: 08/09/95
Date Extracted: 08/10/95
Date Analyzed: 08/11/95

Sample ID	Lab ID	Result (mg/kg)	Detection Limit (mg/kg)
SJ 28-7 #71 TDP (BRSS)	G01351	5,090	198
SJ 28-7 #103 TDP	G01352	ND	20
SJ 28-7 #71 BPR (BRSS)	G01353	320	20
SJ 28-7 #131 TDP	G01354	ND	18
SJ 28-7 #131 BDP (BRSS)	G01355	24.6	20
SJ 28-7 #131 DHP (BRSS)	G01356	2,690	100
SJ 28-7 #224 BPR (BRSS)	G01357	179	19
SJ 28-7 #224 TDP	G01358	ND	20
SJ 28-7 #134 LF-BPR	G01359	ND	19

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: Anna Schauer

Reviewed: mk

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #2

WELL LOCATION: SAN JUAN 28-7 #131 S34 T28N R7W UNIT 1

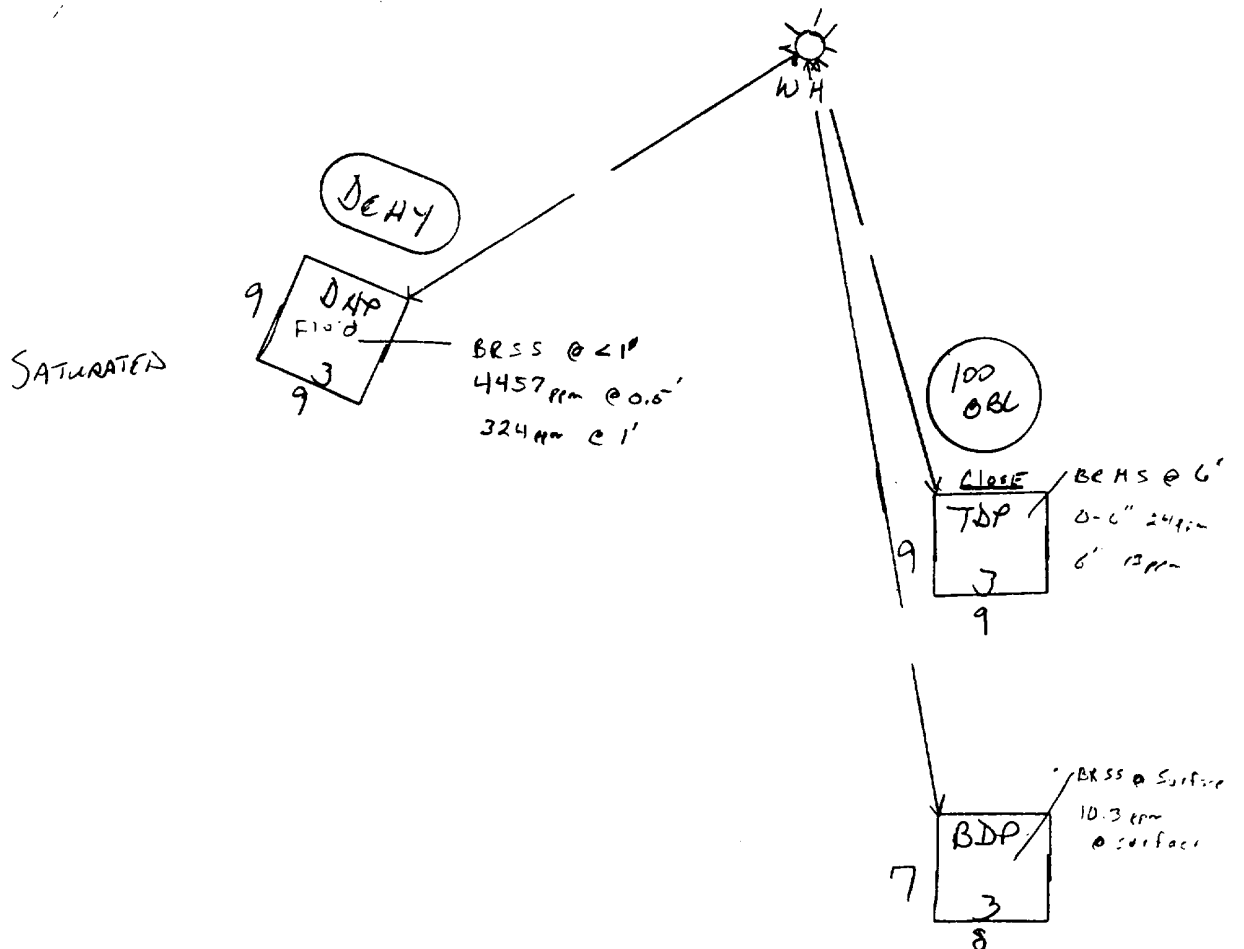
DATE STARTED: 7/11/95

DATE COMPLETED: _____

Conoco Inc.



DEHY ABANDONED?



PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #2

WELL LOCATION: SAN JUAN 28-7 #131 S34 T28N R7W UNIT 1

DATE STARTED: _____

DATE COMPLETED: _____

Remediation/Excavation Data



METER
RUN

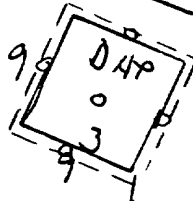
DEHY

ABANDONED ?



WH

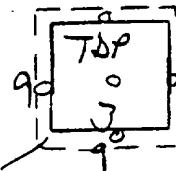
DEHY



SATURATED

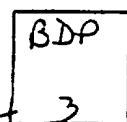
Excavated
Entire pit Bedrock

100
OBL



Entire Pit
Bedrock

10'
30'
DHP Land -
Formed Area



Entire Pit
Bedrock

○ SOIL SAMPLE LOCATION

△ BACKGROUND SAMPLE LOCATION