

LOCATION: SAN JUAN 28-7 # 94 RCRA EXEMPT
PIT TYPE: TDP WASTES: Yes ☒ No ☐
S-30, T-28N, R-7W, Unit-N
DATE FLOW TO PIT STOPPED: 7/21/95
TYPE REPLACEMENT PIT: ☐ NONE ☐ BACKFILLED - BELOW GROUND ☒ ABOVE GROUND
ACREAGE
TYPE: ☒ FEDERAL ☐ JICARILLA ☐ NAVAHO ☐ STATE ☐ FEE

SITE ASSESSMENT

- 1) Groundwater Depth: ESTIMATE < 50' Ranking Score
Basis: ELEVATION FROM WASH 20
- 2) Wellhead Protection Area:
Distance To
Water Sources: < 1000' Private Domestic Water Sources: > 200'
Basis: CEREZA WASH DOMESTIC USE ± 750' 30
- 3) Distance To Surface Body of Water: 200-1000'
Basis: CEREZA WASH (ACTION) APPROX 750' NW OF LOC. 10
- Total Score: 50

Soil Characteristic

☐ Highly Contaminated/Saturated

☒ Unsaturated Contaminated

RANKING CRITERIA

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

GUIDELINE REMEDIATION LEVELS

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

** Concentration above background

DEFINITION OF CONTAMINATION

Date: 7/21/95

Depth Excavated: 11' BGS

Full Excavation: ☒ Maximum Extent Practicable 11' 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? Denny & Rust

Attach GW Sample Results

NOTES:

DEPUTY OIL & GAS INSPECTOR

KUN 11 8 1996

Approved

RECEIVED
MAR 18 1996

OIL CON. DIV.
DIST. 3

REMEDIATION PROFILE

Soil Treated Onsite



Date Remediation Started: 7/21/95

☐ In Situ Bio

☐ w/vapor venting

☒ Landfarmed

☐ Composted

	Date: <u>7/21/95</u>		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients	<u>25-5-10 Fertilizer</u>	<u>~111bs</u>		
Moisture				
Bulking Agent				
Organic Material				

	Date: _____		Date: _____	
	Description	Amount/Rate	Description	Amount/Rate
Tilled				
Nutrients				
Moisture				
Bulking Agent				
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 CLOSURE

BTEX: 5.3 ppm (From Headspace Analysis)

TPH: ND ppm (From Lab Results)

Revegetated:

yes ☐

no ☒

Active Well or Facility Pad:

yes ☒

no ☐

NOTES: 7/21/95: Excavated 14'x15'x11' w/ back hoe

- Took Center of pit sample @ 11' BG-S; OVM = 11.2 ppm

- 5pt Comp Sample from 4 side walls & center of pit @ 11' BG-S; OVM = 8.9 ppm

- Sent Comp to lab for TPH Analysis

- landformed 1,210 ft³ @ 75'x30'x15'x6' high, 5pt Comp OVM = 48.2 ppm

- Fertilized landformed area w/ ~111bs of 25-5-10

- Treated pit bottom, in situ - w/ ~1 lb of 25-5-10

NOTES:

TDF:

7/24/95 Landfarmed Area took 5 pt Composite: OVM = 4.7 ppm @ 76°

7/25/95 Landfarmed Area took 5 pt Comp Sample: OVM = 15.9 ppm @ 76°

7/27/95 Landfarmed Soil 5 pt Comp. Sample: OVM = 4.7 @ 76°

7/29/95 Soil Turned & Aerated w/ bladed box blade (combed)

8/1/95 5 pt Composite Sample taken from landfarmed Soil:

OVM = 0.3 ppm @ 76°, Sample sent to lab for TPH

8/31/95 Received draft results from Lab; TPH = ND ppm on Excavated TC

8/10/95 Received results from landfarmed soil (TPH = ND)

8/11/95 Backfilled pit w/ landfarmed, clean soil & prepared to set tank.

PIT CLOSURE DOCUMENTATION - SAMPLING RESULTS NOTES

Conoco Inc.

LOCATION OF PIT: S.J. 28-7 Well # 94 TYPE OF PIT: TDP

DESCRIPTION OF SAMPLE	SAMPLE EVENT # 1	SAMPLE EVENT # 2	SAMPLE EVENT # 3	SAMPLE EVENT # 4	SAMPLE EVENT # 5	SAMPLE EVENT # 6	SAMPLE EVENT # 7	SAMPLE EVENT #
DATE OF SAMPLE	6/13/95	6/13/95	7/21/95	7/21/95	7/24/95	7/27/95	8/1/95	
LOCATION OF SAMPLE	TDP	TDP	TDP	Landfarm	Landfarm	Landfarm	Landfarm	
TYPE OF SAMPLE: (GRAB/COMPOSITE)	Grab	Grab	Composite	Composite	Composite	Composite	Composite	
DEPTH OF SAMPLE(S)	3'6"	13'-15'	11' BGS	Landfarm	Landfarm	Landfarm	Landfarm	
TEMPERATURE OF SAMPLE	77°	76°	74°	72°	78°	76°	76°	
FIELD METHOD RESULTS (PPMS)								
TPH VAPORS (EQUIV UNITS)	751.9 ppm	2.1 ppm	8.0 ppm	48.2 ppm	4.7 ppm	4.7 ppm	0.3 ppm	
BENZENE RESPONSE FACTOR	.47	.47	.47	.47	.47	.47	.47	
ADJUSTED FOR BENZENE EQUIV UNITS	3540	0.94	3.8	22.7	1.9	1.9	0.2	
LAB RESULTS IN PPM:								
METHOD (418.1 OR MOD 8015)			418.1				418.1	
TPH			ND				ND	
NOTES	Hand Agar Ctr. Bore Strong odor	No odor @ ~ 15'	Sample taken from 4 side- wall grabs & 1 bottom center @ 11' BGS inside the excavated area which is landfarmed	Landfarmed soil from TDP. Was treated & turned			Landfarmed soil treated & Aerated over past days. Sent Sample to look for TPH	

**TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1**

Conoco Inc.

Project: Backhoe and Hand Grab Soil
Matrix: Soil
Condition: Intact/Cool

Date Reported: 07/31/95
Date Sampled: 07/21/95
Date Received: 07/24/95
Date Extracted: 07/28/95
Date Analyzed: 07/28/95

IS J 28-7 #94 TDP	G01215	ND	20
IS J 28-7 #94 SEP/BDP	G01216	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.

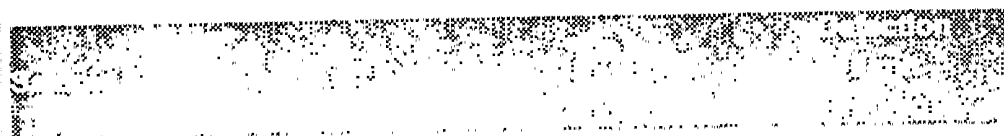
Analyst: Anna Schaefer

Reviewed: mk

TOTAL PETROLEUM HYDROCARBONS
EPA METHOD 418.1Conoco Inc.

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

Date Reported: 08/10/95
Date Sampled: 7/31-8/1/95
Date Received: 08/02/95
Date Extracted: 08/09/95
Date Analyzed: 08/10/95



28-7 #94 LF-TDP	G01289	ND	20
28-7 #94 LF-BPR	G01290	ND	20
28-7 #134 TDP	G01291	ND	19
28-7 #225 BPR	G01292	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 Schaefer

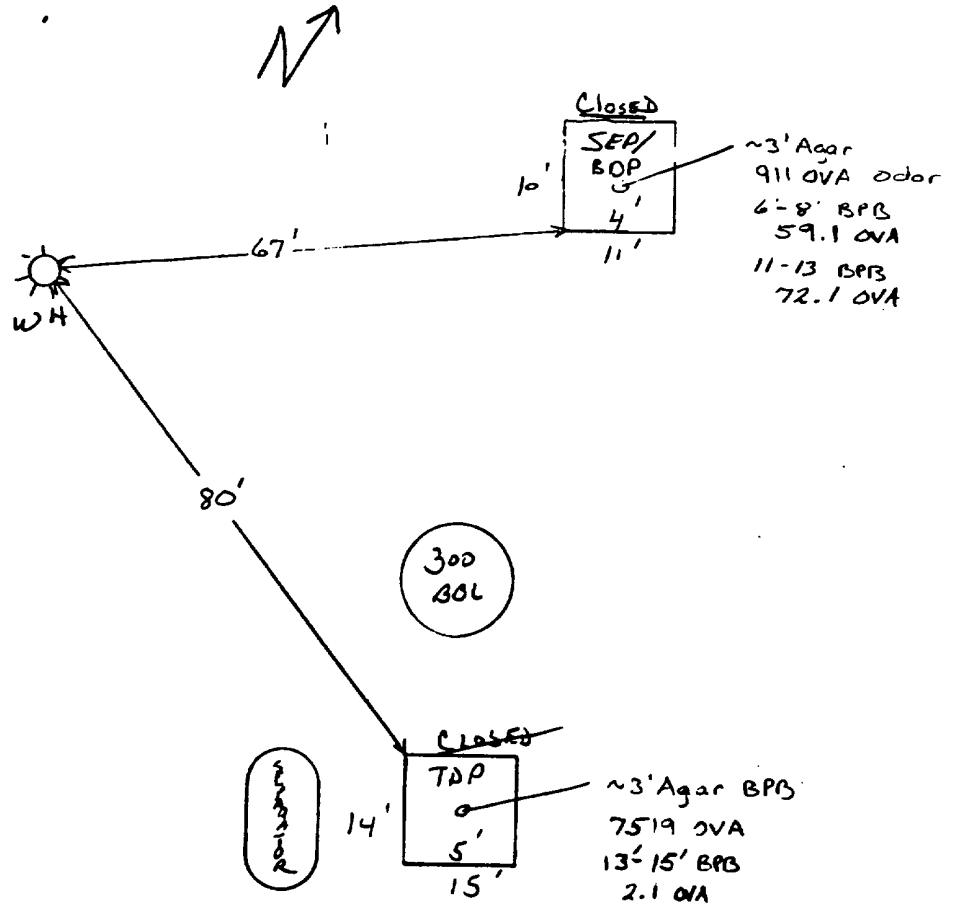
Reviewed: CSH

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #1

WELL LOCATION: SAN JUAN 28-7 #94 S30 T28N R7W UNIT N

DATE STARTED: 6/13/95 DATE COMPLETED: _____

Conoco Inc.



METER RUN

METER RUN

Estimated D.G.

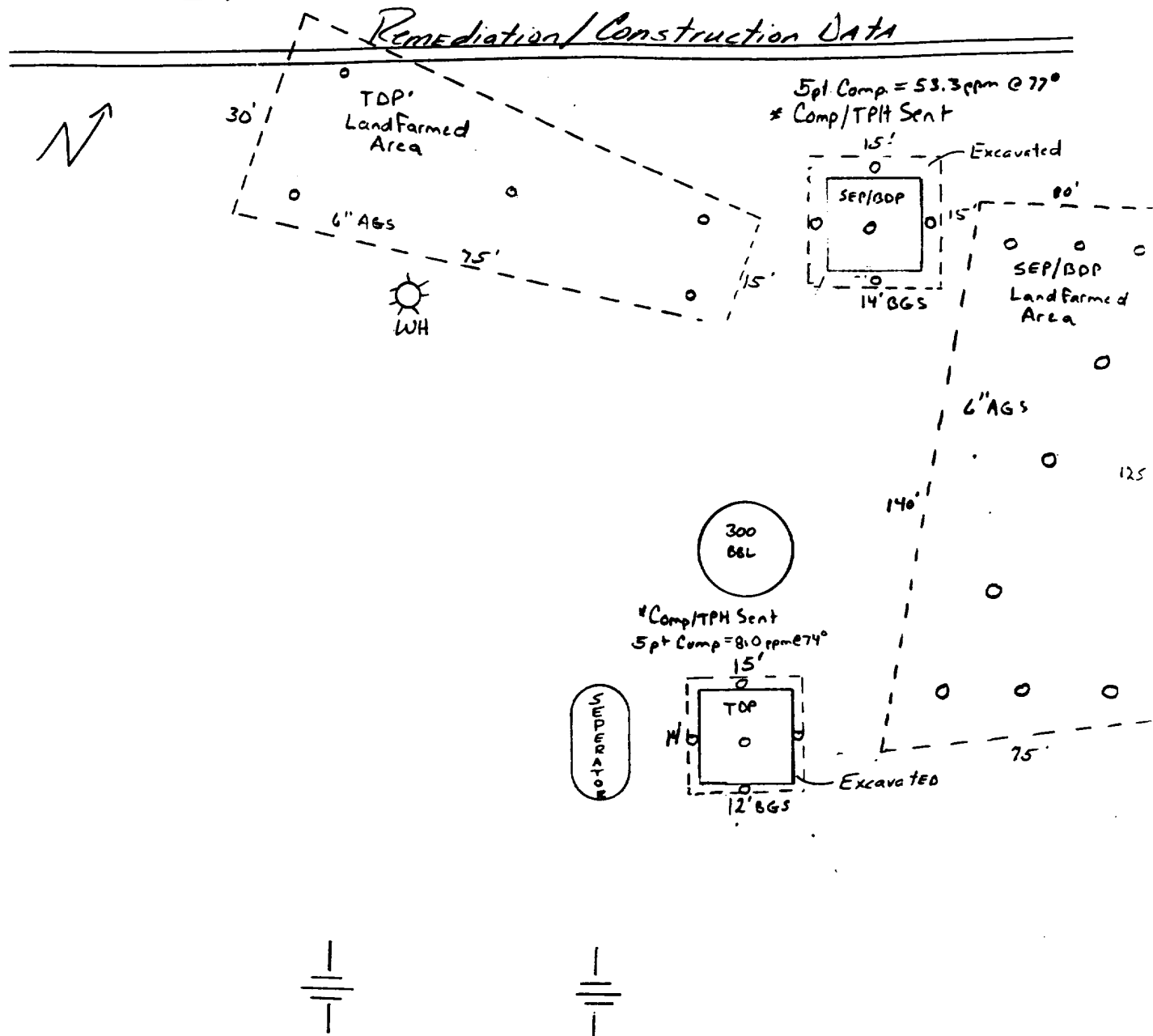
- o SOIL SAMPLE LOCATION
- A BACKGROUND SAMPLE LOCATION

PIT LOCATION AND COMPOSITE SAMPLE PROFILE MAP #2

WELL LOCATION: San Juan 28-7 # 94 S 30 T 28N R 7W UNIT N

DATE STARTED: 7/21/95

DATE COMPLETED: _____



0 SOIL SAMPLE LOCATION

Δ BACKGROUND SAMPLE LOCATION