

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PIT REMEDIATION AND CLOSURE REPORT

Operator: 3 - TEC Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: NM FEDERAL N #5F (39424)
Location: Unit or Qtr/Qtr ^{SE/SE} ~~See~~ Sec 7 T 30N R 12W County San Juan
PitType Dehydrator
LandType: Fee

Pit Location: Pit dimensions: length 14 ft., width 14 ft., depth 6 ft
(Attach diagram)

Reference: Wellhead

Footage from reference: 98 ft.

Direction from reference: 172 Degrees East of North

Depth To Ground Water: Less than 50 feet (20 points)
(Vertical distance from 50 feet to 99 feet (10 points)
contaminants to seasonal Greater than 100 feet (0 points) 0
high water elevation of
ground water)

Wellhead Protection Area: Yes (20 points)
(Less than 200 feet from a private No (0 points) 0
domestic water source, or; less than
1000 feet from all other water sources)

Distance To Surface Water: Less than 200 feet (20 points)
(Horizontal distance to perennial 200 feet to 1,000 feet (10 points)
lakes, ponds, rivers, streams, creeks, Greater than 1,000 feet (0 points) 0
irrigation canals and ditches)

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 11/16/00

Date Completed: 11/16/00

Remediation Method: Excavation ☒

Approx. Cubic Yard 44

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other Landfarmed soil after mechanical aeration.

Remediation Location: Onsite ☒ Offsite

(ie. landfarmed onsite, name and location of offsite facility)

General Description Of Remedial Action:

The pit was excavated to remove gross petroleum contamination. Encountered BEDROCK (SS) at 5'. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: 0

Final Pit:

Sample location NM FED N#5F-V-EXFL-01

Closure Sampling:

(if multiple samples, attach sample results and diagram of sample locations and depths)

Two samples were collected, one sample from the excavation bottom and the second sample was made up of 4 points from each excavation wall.

Sample depth 6'

Sample date 11/16/00

Sample time 15:03

Sample Result

Benzene (ppm) 0.05

Total BTEX (ppm) 22.41

Field Headspace (ppm)

TPH (ppm) 211

Ground Water Sample: 0

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF

DATE 12-20-01

SIGNATURE

PRINTED NAME Mark Harvey for Williams Field Services
AND TITLE Proj. Coordinator

PIT ASSESSMENT FORM

AssessDate: _____

Meter: 394243

Well Name: NM FEDERAL N^o 5F

Un SE S Z T 30N R 124

County: SAN JUAN

Operator: 3TEC (FLOYD CIL)

Pit Type: DEHY

Land Type: PRIVATE

Pit Information:

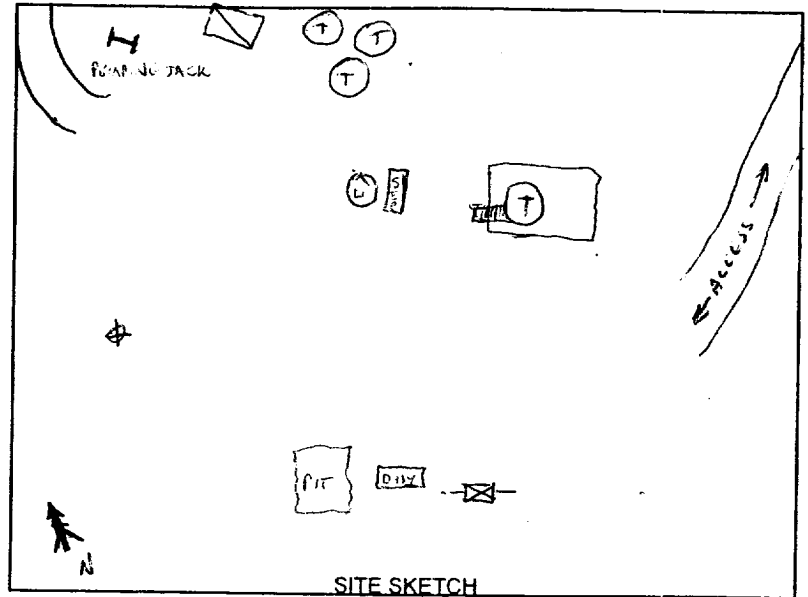
Reference: _____

Distance: _____

Degrees: _____ of _____

Starting Pit Dimensions: 12 X 12 X 3 ft.
14 X 14 X 5 1/2

Ground Water Encountered? No ☐



SITE SKETCH

Ranking Information:

Depth To Ground Water:

☐ <50 ft

☐ >50 ft <100 ft

☒ >100 ft

Wellhead Protection Area: <200 ft from private domestic source, or; <1,000 ft from all other sources

☐ Yes

☒ No

Distance To Surface Water:

☐ <200 ft

☐ >200 ft <1,000 ft

☒ >1,000 ft

Sampling Information:

GeneralDescription:

SITE ADJACENT TO BAYLESS SWD #3 - PULL FENCING EACH SIDE +
BLUESHOWN LINE - SET UP + BEGIN EXCAVATING - SHOWN LAND TO 3' - SAND
SOME MODERATE TO HEAVILY STAINED SOIL - HARD FLUX - BEDROCK AT 5-6' BES
SHRED SOIL + PLACE IN LANDFARM - CHASE ON NO OF STAINED BROKEN SANDSTONES
IN SOUTH AREA - WALLS HAVE SOME STAINING IN SS FRAGMENTS FROM 3-5' -

SampleLocation:

Sample ID: _____

SampleTime: _____

SamplerName: _____

Sample Headspace (ppm): _____

Prepared By: M. J. Long

Preparation Date: 11-16-00

Ready For Closure? ☐

11/30/00 15:42 FAX 13162327730

QWAL LAB

209

QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 0011536

SENT WILLIAMS FIELD SERVICE
TO: 295 CHIPETA WAY
SALT LAKE CITY, UTAH 84158
MARK HARVEY
PROJECT: TAA PITS

DATE REPORTED: 11/30/00
DATE COLLECTED: 11/16/00
DATE RECEIVED: 11/21/00

Reference Fraction: 0011536-08A

Sample ID: NM FED N#5F-V-EXFL-01 39424

Sample Matrix: SOIL

Sample Date Collected: 11/16/00 15:03:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	211	MG/KG	2.0	11/23/00 BEM
BTEX	OA1/8021B			3.0	
BENZENE		ND	MG/KG	0.10	11/28/00 MB
TOLUENE		3.04	MG/KG	0.10	11/28/00 MB
ETHYLBENZENE		0.819	MG/KG	0.10	11/28/00 MB
TOTAL XYLENES		18.5	MG/KG	0.10	11/28/00 MB
BFB (SURROGATE)		82	125	75	

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 0011536

SENT WILLIAMS FIELD SERVICE
TO: 295 CHIPETA WAY
SALT LAKE CITY, UTAH 84158
MARK HARVEY
PROJECT: TAA PITS

DATE REPORTED: 11/30/00
DATE COLLECTED: 11/16/00
DATE RECEIVED: 11/21/00

Reference Fraction: 0011536-07A
Sample ID: NM FED N#5F-V-EXWA-01 39424
Sample Date Collected: 11/16/00 15:08:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED BY
TPH-DRO	SW846-8015D	64	MG/KG	2.0	11/23/00 BEM
BTEX	OA1/8021B			3.0	
BENZENE		ND	MG/KG	0.050	11/28/00 MB
TOLUENE		0.081	MG/KG	0.050	11/28/00 MB
ETHYLBENZENE		ND	MG/KG	0.050	11/28/00 MB
TOTAL XYLENES		1.15	MG/KG	0.050	11/28/00 MB
BFB (SURROGATE)		102	125	75	

ND=NONE DETECTED
PQL=PRACTICAL QUANTITATION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:

TERRY KOESTER
LABORATORY DIRECTOR

QWAL LABORATORIES, INC.

2911 ROTARY TERRACE, P.O. BOX 562/PITTSBURG, KS 66762/(316)232-1970

LABORATORY REPORT:

REFERENCE #: 0012155

SENT WILLIAMS GAS PIPELINE
TO: 187 COUNTY ROAD # 4980
BLOOMFIELD, NM 87413
MARK HARVEY
PROJECT: TAA PITS

DATE REPORTED: 12/12/00
DATE COLLECTED: 12/04/00
DATE RECEIVED: 12/06/00

Reference Fraction: 0012155-03A

Sample ID: NM PED N#5F-V-LF-01 39424
Sample Date Collected: 12/04/00 10:20:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	229	MG/KG	2.0	12/08/00	BEM
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	12/07/00	MB
TOLUENE		0.40	MG/KG	0.050	12/07/00	MB
ETHYLBENZENE		ND	MG/KG	0.050	12/07/00	MB
TOTAL XYLENES		9.76	MG/KG	0.050	12/07/00	MB
BFB (SURROGATE)		117	125	75		

ND=NONE DETECTED

PQL=PRACTICAL QUANTITATION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR