

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

OK
Not shown
refer to letter
RECEIVED
DEC - 6 1999

PIT REMEDIATION AND CLOSURE REPORT

OIL CON. DIV.
DIST. 3

Operator: WM GALLAWAY

Telephone: (801) 584-6361

Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900

WellName: TRIX #1

(85428)

Location: Unit or Qtr/Qtr Sec β Sec 5 T 26N R 2W County Rio Arriba

PitType DEHY

LandType: Fee

Pit Location: Pit dimensions: length 22 ft., width 22 ft., depth 15 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 89 ft.

Direction from reference: 44 Degrees East of North

Depth To Ground Water:

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

Less than 50 feet	(20 points)
50 feet to 99 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 200 feet	(20 points)
200 feet to 1,000 feet	(10 points)
Greater than 1,000 feet	(0 points) <u>0</u>

Ranking Score (TOTAL POINTS): 0

Date Remediation Started: 7/30/98

Date Completed: 7/30/98

Remediation Method: Excavation ☒

Approx. Cubic Yard 270

(check all appropriate sections)

Landfarmed ☒Insitu Bioremediation ☐

Other

Landfarmed soil after mechanical aeration. LF Headspace 61ppm

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. The excavated material was mechanically aerated and placed into an onsite landfarm.

Ground Water Encountered: No

Final Pit:

Sample location TRIX #1-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

Sample date 8/1/98

Sample time 15:21

Sample Result

Benzene (ppm) <0.050

Total BTEX (ppm) 10.67

Field Headspace (ppm)

TPH (ppm) 2540

Ground Water Sample: No

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

DATE 10-11-99

SIGNATURE

PRINTED NAME
AND TITLEMark Harvey for Williams Field Services
PROJECT COORDINATOR

PIT RETIREMENT FORM

85428

Weather PARTLY CLOUDY - 80°

Date: 7/30/98

Well Name TRIX #1 Operator WM GALLAWAY

Sec 5 T 26N R 2W UL

Land Type: BLM STATE (FEE) INDIAN

County RIO ARriba

One Call Made (505-765-1234)? (Y) N

Line Marking Evident? (Y) N

Pit Location:

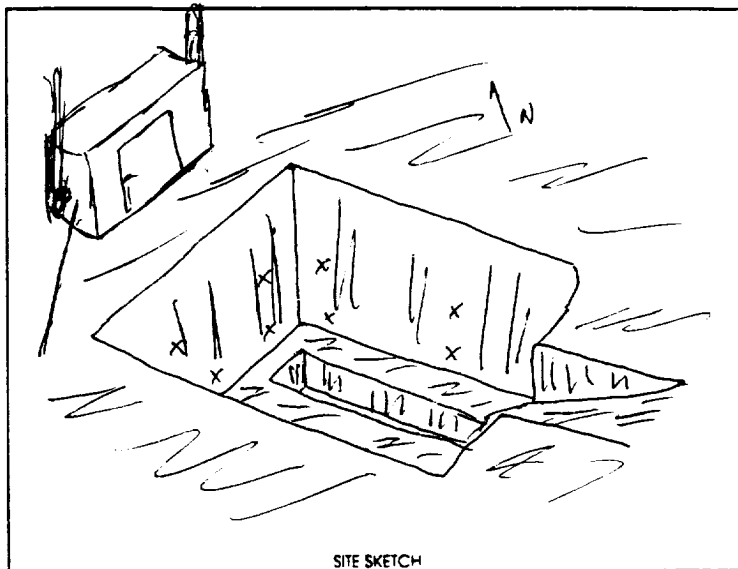
Reference Wellhead X Other

Distance from: 89'

Direction: 44 Degrees X E N X
of
W S

Starting Pit Dimensions 16' x 18' x 3'

Final Pit Dimensions 22' x 22' x 15'



Organic Vapor Readings: Start Soil Description: SILT & SAND
@ 2' " " + CLAY
@ 4' SANDY SILT + CLAY
@ 6' " " "
@ 8' " " "
@ " " "
@ 15' " " "

Well Proximity To: Residence, Domestic Water Well, Stock Well NONE

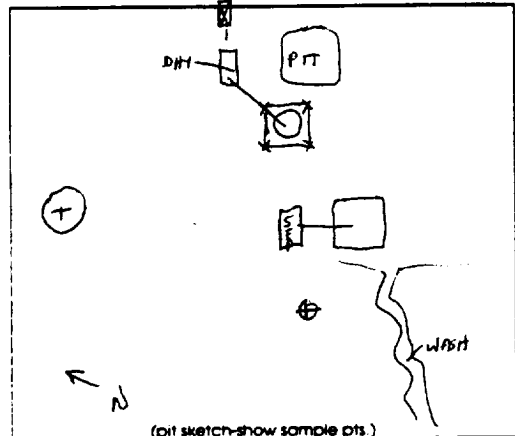
Arroyo, Wash, Lake, Stream WASH CUT BEGINS @ SITE (<10')

Estimated or Known Distance to Ground Water >100'

Source of Backfill (if other than processed material)

Samples collected: Type Progress: Verification: ID TRIX #1-V-EXWA-OI (soil) water
Progress: Verification: ID TRIX #1-V-CXFL-OI (soil) water
Progress: Verification: ID soil / water

Sample sent to Lab Via: Courier Hand Carried Other Preservative: ICE Other



Comments: EAST
NORTH OF DKE ROCK - SEPARATOR PIT HAS STANDING OIL +
PARAFIN/WATER - DEHY PIT HAS SOME OIL + PARAFIN - MIX IN BERM
MATERIAL - HEAVILY STAINED NEAR SURFACE W/ "OILY" ODOOR -
CUT STAINS FROM SIDEWALLS W/ SLIGHT STAINING REMAINING ON DEHY WALL -
GENERALLY VISUALLY CLEAN - CUT BACK TERRACE ON EAST WALL + RAMP -
LAJOFARM BETWEEN TANK + PIT -

Soil Shipped to: ON-SITE LF

Prepared by: M. J. Long

Q W A L L A B O R A T O R I E S, I N C.

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

LABORATORY REPORT:

REFERENCE #: 9808213

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: JICARILLA DISTRICT '98

DATE REPORTED: 08/14/98
DATE COLLECTED: 08/01/98
DATE RECEIVED: 08/07/98

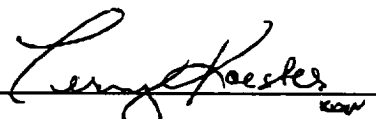
Reference Fraction: 9808213-05A
Sample ID: TRIX #1-V-EXFL-01 / 85428
Sample Date Collected: 08/01/98 15:21:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOLUENE		0.910	MG/KG	0.050	08/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOTAL XYLENES		9.76	MG/KG	0.050	08/12/98	JLO
BFB (SURROGATE)		108	125	75		
TPH	SW846-8015	2540	MG/KG	40.0	08/13/98	SKW

ND=NONE DETECTED
DL=DETECTION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:



TERRY KOESTER
LABORATORY DIRECTOR

Q W A L L A B O R A T O R I E S, I N C.

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

LABORATORY REPORT:

REFERENCE #: 9808213

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: JICARILLA DISTRICT '98

DATE REPORTED: 08/14/98
DATE COLLECTED: 08/01/98
DATE RECEIVED: 08/07/98

Reference Fraction: 9808213-06A
Sample ID: TRIX #1-V-EXWA-01 / 85428
Sample Date Collected: 08/01/98 15:08:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	DL	ANALYZED	BY
BTEX	SW846 8021			3.0		
BENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOLUENE		1.19	MG/KG	0.050	08/12/98	JLO
ETHYLBENZENE		ND	MG/KG	0.050	08/12/98	JLO
TOTAL XYLENES		11.0	MG/KG	0.050	08/12/98	JLO
BFB (SURROGATE)		119	125	75		
TPH	SW846-8015	3270	MG/KG	40.0	08/13/98	SKW

ND=NONE DETECTED
DL=DETECTION LIMIT
SU=STANDARD UNITS
B=DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR

QUAL LABORATORIES, INC.

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

LABORATORY REPORT:

REFERENCE #: 9808765

SENT WILLIAMS FIELD SERVICE-MS4JI
TO: P.O. BOX 58900
SALT LAKE CITY, UTAH 84108
MARK HARVEY
PROJECT: JICARILLA DISTRICT '98

DATE REPORTED: 08/31/98
DATE COLLECTED: 08/21/98
DATE RECEIVED: 08/25/98

Reference Fraction: 9808765-01A

Sample ID: JIC/TRIX#1-V-LP-01 (85428) / 85428

Sample Matrix: SOIL

Sample Date Collected: 08/21/98 13:26:00 61

EST	METHOD	RESULT	UNITS	DL	ANALYZED BY
PH	SW846-8015	2070	MG/KG	40.0	08/27/98 SKW

D-NONE DETECTED

L-DETECTION LIMIT

U-STANDARD UNITS

-DETECTED IN METHOD BLANK

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR