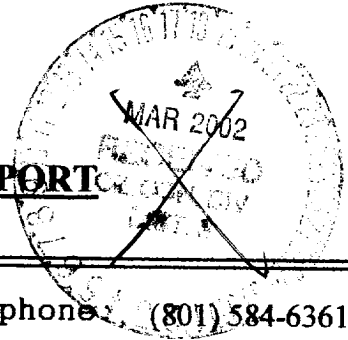


OK

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

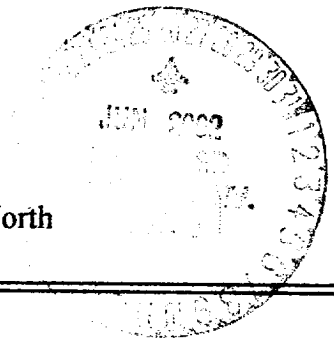
Operator: Schalk Development (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: SCHALK 52 #4 (86743)
Location: Unit or Qtr/Qtr^{NW/SE} Sec 24 T 29N R 5W County Rio Arriba
PitType DEHY
LandType: Forest

Pit Location: Pit dimensions: length 16 ft., width 19 ft., depth 8 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 57 ft.

Direction from reference: 65 Degrees West 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 high	Greater than 100 feet	(0 points)
water elevation of ground		10
water)		

Wellhead Protection Area:	Yes	(20 points)
(Less than 200 feet from a private domestic	No	(0 points)
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)
irrigation canals and ditches)		0

Ranking Score (TOTAL POINTS):

Date Remediation Started: _____

Date Completed: _____

Remediation Method: Excavation ☐

Approx. Cubic Yard 90

(check all appropriate sections)

Landfarmed ☐

Insitu Bioremediation ☒

Other

Excavated hydrocarbon contaminated soil and treat with exogenous microbes. Mix to aerate.

Remediation Location:

Onsite ☒ Offsite ☐ In-situ remediation ☐

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

General Description Of Remedial Action:

Treated soil for in-situ contaminant degradation. Followup work to determine vertical extent of contamination and overall hydrocarbon impact.

Ground Water Encountered: 0

Final Pit:

Sample location Schalk 52-4-LF-VE-SB-01(15-16)

Closure Sampling:

Soil boring advanced to 16'

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

Sample depth 16'

Sample date 7/29/00

Sample time 12:42

Sample Result

Benzene (ppm) _____

Total BTEX (ppm) _____


Field Headspace (ppm) 0

TPH (ppm) ND

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 AND TITLE Mark Harvey for Williams Field Services
Proj. Coordinato

✓ #2

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

DEHY PIT REMEDIATION REPORT

Well Name: Schalk 52-4 Date: 4-4-94
Location: Unit or Qtr/Qtr Sec _____ Sec 24 T. 29N R. 5W County Rio Arriba

Pit Location: Pit Dimensions: length 16' width 19' depth 8.5'
Reference: wellhead X, other _____
Distance from reference: 57 ft
Direction from reference: 65° degrees _____ East North X
of _____
X West South _____

Remediation Start Date: 4-4-94 Completion Date: 4-4-94

Remediation Method: Excavation _____ Approx CY _____
Landfarmed _____ Approx CY _____
Bioremediation X Materials Bio D + Bugs
Other + 300 gals water 10 Bales Hay
40' 4" sch 80 vent pipe 1 Turbine

Remediation Location: On-site ☒ Off-site _____

General Description of Remediation Activity:
Mixed Bio-D and Bugs into 300 gals of water
Mixed 10 Bales of dry white spraying soil with
Bio-Dog Test hole over N. side of pit to depth
of 13' with signs of contamination. Expanded pit
2' to the south hitting contamination 1' below ground

Ground Water Encountered: No ☒ Yes _____ Depth _____
Ground Water Sampled: No ☒ Yes _____ Analysis _____

Sampling: Sample Location 5 point Composite

Sample Time 16:15 Sampler's Name Mike Hare

Sample Headspace (ppm) 540

TPH or BTEX Results (if available) _____

PREPARED BY: Mike Hare SIGNED: Mike Hare

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 #: 0008011

SENT WILLIAMS GAS PIPELINE
TO: PO BOX 215
BLOOMFIELD, NM 87413
JIM STRUHS
PROJECT: WFS/NM PITS

DATE REPORTED: 08/15/00
DATE COLLECTED: 07/29/00
DATE RECEIVED: 08/01/00

Reference Fraction:0008011-08A

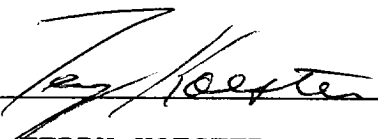
Sample ID: SCHALK 52-4-VE-SB-01 15-16
Sample Date Collected: 07/29/0012:42:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2.0	08/10/00	BEM

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

APPROVED BY:


TERRY KOESTER
LABORATORY DIRECTOR