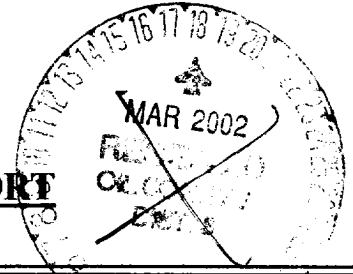


State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

PIT REMEDIATION AND CLOSURE REPORT



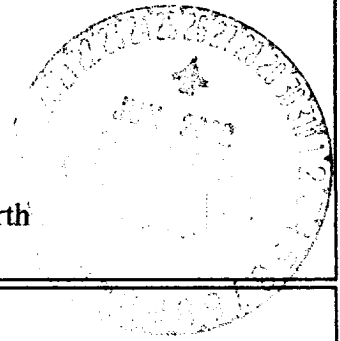
Operator: Schalk Development (Williams Field Services) Telephone: (801) 584-6361  
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900  
WellName: SCHALK 52 #5 ( 86745 )  
Location: Unit or Qtr/Qtr <sup>SW/SW</sup> Sec 24 T 29N R 5W County Rio Arriba  
PitType DEHY  
LandType: Forest

Pit Location: Pit dimensions: length 18 ft., width 17 ft., depth 10 ft.  
(Attach diagram)

Reference: Wellhead

Footage from reference: 50 ft.

Direction from reference: 61 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 high water elevation of ground water) Greater than 100 feet (0 points) 10

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

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

Ranking Score (TOTAL POINTS): 10

Date Remediation Started:

Date Completed:

Remediation Method: Excavation ☐

Approx. Cubic Yard 113

(check all appropriate sections)

Landfarmed ☐

Insitu Bioremediation ☒

Other

Remediation Location: Onsite ☒ Offsite

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

General Description Of Remedial Action:

Excavate impacted soil and mix with fertilizer and peat moss. Collect sample -return treated soil to excavation. Return to site after significant degradation period. Advance soil probe to define vertical extent of residual hydrocarbon impact.

Ground Water Encountered: 0

Final Pit:

Sample location SCHALK 52-5-VE-SB-01 (19-20)

Closure Sampling:

Collect discrete sample from 19 -20' interval.

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

Sample depth 20'

Sample date 7/28/00

Sample time 17:04

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 Project Coord.

WILLIAMS FIELD SERVICES  
ONE OF THE WILLIAMS COMPANIES

DEHY PIT REMEDIATION REPORT

Well Name: Schalk 52 #5 Date: 4-6-94  
Location: Unit or Qtr/Qtr Sec 790' FSL Sec 24 T 29N R 5W County Rio Arriba  
790' FWL

Pit Location: Pit Dimensions: length 18' width 17' depth 10'  
Reference: wellhead X, other \_\_\_\_\_  
Distance from reference: 50' ft  
Direction from reference: 61° degrees X East North X  
of  
West South

Remediation Start Date: 4-6-94 Completion Date: 4-7-94

Remediation Method: Excavation \_\_\_\_\_ Approx CY \_\_\_\_\_  
Landfarmed \_\_\_\_\_ Approx CY \_\_\_\_\_  
Bioremediation X Materials \_\_\_\_\_  
Other Treated soil with a mix of peat  
moss & Fertilizer

Remediation Location: On-site ☒ Off-site \_\_\_\_\_

General Description of Remediation Activity:  
Moved off Job Because of weather. No sample taken  
on the start date. Will treat site in hole with peat  
moss & Fertilizer. Hit gray layer 10' Gray Layer 2' Thick  
Possible old reserve pit. Put up Banner fence around  
open pit. weather was very cold.

Ground Water Encountered: No ☒ Yes \_\_\_\_\_ Depth \_\_\_\_\_

Ground Water Sampled: No ☒ Yes \_\_\_\_\_ Analysis \_\_\_\_\_

Sampling: Sample Location 5 Point Composite

Sample Time 10:30am Sampler's Name Mike Hare

Sample Headspace (ppm) 0 Piel reading

TPH or BTEX Results (if available) \_\_\_\_\_

PREPARED BY: Mike Hare SIGNED: Mike Hare

**ATAS**

875 Fee Fee Road • Maryland Heights, MO 63043 • (314) 434-4570 - FAX (314) 434-0080

CLIENT: BURLINGTON ENVIRONMENTAL, INC.  
210 WEST SAND BANK ROAD P.O. BOX 330  
COLUMBIA, IL 62236-0330  
ATTN: KATHY BLAINE

REPORT: 942901BX(194)

DATE : 04-22-94

SAMPLE MATRIX : SOIL  
ATAS # : 9429.01  
DATE SUBMITTED: 04-09-94  
PROJECT : #11545 - WILLIAMS FIELD SERVICE  
SAMPLE ID : 1 GOSCHALK52#5NE046-1-C LIMITS OF EXCAVATION

PARAMETER	REPORTING LIMIT	UNIT	RESULTS	DATE ANALYZED	METHOD REFERENCE
<u>GAS CHROMATOGRAPHY</u>					
BENZENE	5.0	ug/Kg	ND	04-18-94	SW 8020
TOLUENE	5.0	ug/Kg	ND	04-18-94	SW 8020
ETHYLBENZENE	5.0	ug/Kg	ND	04-18-94	SW 8020
XYLENES	5.0	ug/Kg	ND	04-18-94	SW 8020
TOTAL BTEX		ug/Kg	ND		

QA/QC SURROGATE RECOVERY

BROMOFLUOROBENZENE (65-135%) 97 %

\* = OUTSIDE QC LIMIT ON BOTH ORIGINAL AND RERUN

ND = NOT DETECTED ABOVE REPORTING LIMIT

ug/Kg = PARTS PER BILLION (PPB)

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: 07/28/00  
DATE RECEIVED: 08/01/00

Reference Fraction:0008011-04A

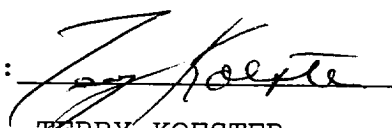
Sample ID: SCHALK 52-5-VE-SB-01(19-20  
Sample Date Collected: 07/28/0017:04:00

Sample Matrix: SOIL

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	ND	MG/KG	2.0	08/09/00	BEM

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

APPROVED BY:

  
TERRY KOESTER  
LABORATORY DIRECTOR