

NOLF
Data

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

MAR 2002

Operator: Schalk Development (Williams Field Services) Telephone: (801) 584-6361
Address: P.O. Box 58900, Salt Lake City, Utah 84158-0900
WellName: SCHALK 52 #1 (86742)
Location: Unit or Qtr/Qtr Sec ^{SW/SW} Sec 24 T 29N R 5W County Rio Arriba
PitType Dehy M
LandType: Forest

Pit Location: Pit dimensions: length 17 ft., width 14 ft., depth 12 ft.
(Attach diagram)

Reference: Wellhead

Footage from reference: 61 ft.

Direction from reference: 28 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) 10

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) 0

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) 0

Ranking Score (TOTAL POINTS): 10

Date Remediation Started:

Date Completed:

Remediation Method: Excavation ☒

Approx. Cubic Yard 106

(check all appropriate sections)

Landfarmed ☒

Insitu Bioremediation ☐

Other

Excavate hydrocarbon impacted soil and landfarm on-site. Import clean fill dirt.

Remediation Location:

Onsite ☒ Offsite Landfarm soil on-site.

(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 placed into an onsite landfarm. Clean soil was imported to fill the excavation.

Ground Water Encountered: 0

Final Pit:

Sample location SCHALK 52-1-VE-SB-01 (26-27)

Closure Sampling:

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

Sample depth 27'

Sample date 7/29/00

Sample time 11:23

Sample Result

Benzene (ppm)

Total BTEX (ppm)

Field Headspace (ppm) 0

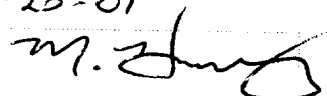
TPH (ppm) 34

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

WILLIAMS FIELD SERVICES
ONE OF THE WILLIAMS COMPANIES

DEHY PIT REMEDIATION REPORT

Well Name: Schalk 52 #1 Date: 4-5-94
Location: Unit or Qtr/Qtr Sec 910' FWL 790' FSL Sec 24 T 29N R 5W County Rio Arriba

Pit Location: Pit Dimensions: length 17' width 14' depth 12'
Reference: wellhead ☒, other _____
Distance from reference: 61 ft
Direction from reference: 28° degrees ☒ East North ☒
of
West South

Remediation Start Date: 4-5-94 Completion Date: 4-6-94

Remediation Method: Excavation _____ Approx CY _____
Landfarmed ☒ Approx CY 75 cu yd.
Bioremediation _____ Materials _____
Other Clean Back Fill hauled from
San Juan Concrete

Remediation Location: On-site _____ Off-site _____

General Description of Remediation Activity:
Trucks Hauled Back Fill soil to site. Approx. 80 yds.
Used one Truck to haul contaminated soil to Land
Farm. Started showing 11:00 AM. Moved off location 11:45
Will Finish Excavation 4-6-94 11 AM.

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

Sampling: Sample Location N. side pit depth Approx 11'
Visible Contamination. Time
9:05 Mark Harvey's Instruments
Sample Time 11:45 Sampler's Name Mark Harvey
Sample Headspace (ppm) _____

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: 939506BX(194)

DATE : 04-20-94

SAMPLE MATRIX : SOIL
ATAS # : 9395.06
DATE SUBMITTED: 04-07-94
PROJECT : #11545 - WFS - DEHY PITS
SAMPLE ID : 6 GO-SCHALK52-1NE045-1-C LIMITS OF EXCAVATION

PARAMETER	REPORTING LIMIT	UNIT	RESULTS	DATE ANALYZED	METHOD REFERENCE
<u>GAS CHROMATOGRAPHY</u>					
BENZENE	1250	ug/Kg	1940	04-15-94	SW 8020
TOLUENE	1250	ug/Kg	34700	04-15-94	SW 8020
ETHYLBENZENE	1250	ug/Kg	8700	04-15-94	SW 8020
XYLENES	1250	ug/Kg	112000	04-15-94	SW 8020
TOTAL BTEX		ug/Kg	157340		

QA/QC SURROGATE RECOVERY

BROMOFLUOROBENZENE (65-135%) 100 %

* = 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: 07/29/00
DATE RECEIVED: 08/01/00

Reference Fraction:0008011-06A

Sample ID: SCHALK 52-1-VE-SB-01 26-27

Sample Matrix: SOIL

Sample Date Collected: 07/29/0011:23:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
TPH-DRO	SW846-8015D	34	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

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

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 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:0008011-06B

Sample ID: SCHALK 52-1-VESB-01 26-27

Sample Matrix: SOIL

Sample Date Collected: 07/29/0011:23:00

TEST	METHOD	RESULT	UNITS	PQL	ANALYZED	BY
BTEX	OA1/8021B			3.0		
BENZENE		ND	MG/KG	0.050	08/07/00	MB
TOLUENE		2.778	MG/KG	0.050	08/07/00	MB
ETHYLBENZENE		ND	MG/KG	0.050	08/07/00	MB
TOTAL XYLENES		4.266	MG/KG	0.050	08/07/00	MB
BFB (SURROGATE)		97	125	75		

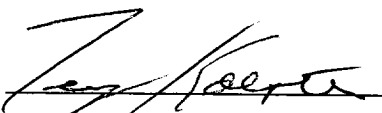
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PQL=PRACTICAL QUANTITAION LIMIT

SU=STANDARD UNITS

B=DETECTED IN METHOD BLANK

APPROVED BY:



TERRY KOESTER
 LABORATORY DIRECTOR

ATAS

875 Fee Fee Road • Maryland Heights, MO 63043 • (314) 434-4570 • FAX (314) 434-008

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

REPORT: 9429TPH(194)

DATE : 04-22-94

SAMPLE MATRIX : SOIL
ATAS EPISODE : #9429
DATE SUBMITTED: 04-09-94
DATE ANALYZED : 04-15-94
PROJECT : #11545 - WILLIAMS FIELD SERVICE
METHOD REF. : 418.1 (MISSOURI MODIFIED)

RESULTS REPORTED IN mg/Kg OR PARTS PER MILLION (PPM)

TOTAL PETROLEUM HYDROCARBONS

CLIENT ID	ATAS ID	REPORTING LIMIT	RESULTS
1 GOSCHALK52#5NE046-1-C LIMITS OF EXCAVATION	9429.01	5	128
2 GOSCHALK52#5NE046-1-D DUPLICATE	9429.02	5	9
3 GOSCHALK52#5NE046-2-C MIXED MATERIAL	9429.03	50	1280
4 GOSCHALK52#1NE046-2-C LAND FARMED MATERIAL	9429.04	50	633
5 GOLAJARA#2S.047-1-C LIMITS OF EXCAVATION	9429.05	50	2103
6 GOLAJARA#2S.047-1-D DUPLICATE	9429.06	100	3861
7 GOLAJARA#2S.047-2-C MIXED MATERIAL	9429.07	50	1178

) - NOT DETECTED ABOVE REPORTING LIMIT