

OIL CONSERVATION DIVISION

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

PIT REMEDIATION AND CLOSURE REPORT

Operator: Conoco (Williams Field Services)

Telephone: (801) 584-6361

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

WellName: SJ 29-5 UNIT #47A PC

(85571)

Location: Unit or Qtr/Qtr Sec ^{NE/NW} Sec 4 T 29N R 5W County Rio Arriba

PitType Dehydrator

LandType: BLM

Pit Location: Pit dimensions: length 12 ft., width 13 ft., depth 7 ft.

(Attach diagram)

Reference: Wellhead

Footage from reference: 42 ft.

Direction from reference: 32 Degrees East of South

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) 10

Ranking Score (TOTAL POINTS): 20

Date Remediation Started: 4/8/94

Date Completed:

Remediation Method: Excavation ☒

Approx. Cubic Yard 40

(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 soils and mix in cow manure to facilitate natural contaminant degradation. Mix in berm material and return to grade. Encounter BEDROCK at 7'.

Ground Water Encountered: 0

Final Pit:

Sample location GO47APCNE048-1-C

Closure Sampling:

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

Sample depth 7'

Sample date 4/8/94

Sample time 13:45

Sample Result

Benzene (ppm) ND

Total BTEX (ppm) 27.18

Field Headspace (ppm)

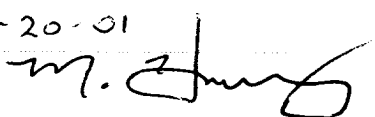
TPH (ppm) 89

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: SAN JUAN 29-5 #47A P.C. Date: 4-8-94
Location: Unit or Qtr/Qtr Sec 940' FNL 1630' FNL Sec 4 T 29N R 5W County Rio Arriba

Pit Location: Pit Dimensions: length 12 width 13 depth 6 1/2
Reference: wellhead ☒, other _____
Distance from reference: 42 ft
Direction from reference: 32 degrees ☒ East North _____
West South ☒

Remediation Start Date: 4-8-94 Completion Date: 4-8-94

Remediation Method: Excavation _____ Approx CY _____
Landfarmed _____ Approx CY _____
Bioremediation ☒ Materials 37.5 cu yds.
Other 7.5 Tons Cow Manure mixed 2:1
with dirt.

Remediation Location: On-site ☒ Off-site _____

General Description of Remediation Activity:
Mixed Manure and dirt returned dirt to Pit.
Pit Fence Back up. Used on site Back Fill

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

Sampling: Sample Location 5 point Composite

Sample Time 13:45 Sampler's Name Mark Harvey

Sample Headspace (ppm) _____

TPH or BTEX results (if available) _____

PREPARED BY: Mike Harvey SIGNED: Mike Harvey



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: 9449TPH(188)

DATE : 04-25-94

SAMPLE MATRIX : SOIL
ATAS EPISODE : #9449
DATE SUBMITTED: 04-12-94
DATE ANALYZED : 04-18-94
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
GO47APCNE048-1-C	9449.01	5	89
GO47APCNE048-1-D	9449.02	5	145
GO47APCNE048-2-C	9449.03	5	196
GO47AMVSW048-1-C	9449.04	50	1111
GOSCHALK#3NW048-2-C	9449.05	1250	11869
GOSCHALK#3NW048-1-C	9449.06	1250	5509

ND = NOT DETECTED ABOVE REPORTING LIMIT

ATAS

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

REPORT: 944901BX(188)

DATE : 04-25-94

SAMPLE MATRIX : SOIL
ATAS # : 9449.01
DATE SUBMITTED: 04-12-94
PROJECT : #11545 WILLIAMS FIELD SERVICE
SAMPLE ID : GO47APCNE048-1-C

PARAMETER	REPORTING LIMIT	UNIT	RESULTS	DATE ANALYZED	METHOD REFERENCE
<u>GAS CHROMATOGRAPHY</u>					
BENZENE	125	ug/Kg	ND	04-19-94	SW 8020
TOLUENE	125	ug/Kg	ND	04-19-94	SW 8020
ETHYLBENZENE	125	ug/Kg	1280	04-19-94	SW 8020
XYLENES	1250	ug/Kg	25900	04-20-94	SW 8020
TOTAL BTEX		ug/Kg	27180		

QA/QC SURROGATE RECOVERY

BROMOFLUOROBENZENE (65-135%)

115 %

* = OUTSIDE QC LIMIT ON BOTH ORIGINAL AND RERUN

ND = NOT DETECTED ABOVE REPORTING LIMIT

ug/Kg = PARTS PER BILLION (PPB)