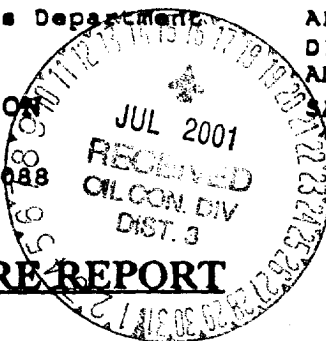


District I  
P.O. Box 1980, Hobbs, NM  
District II  
P.O. Drawer DD, Aztec, NM 88211  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

SUBMIT 1 COPY TO  
APPROPRIATE  
DISTRICT OFFICE  
AND 1 COPY TO  
SANTA FE OFFICE



**PIT REMEDIATION AND CLOSURE REPORT**

OK

Operator: NEROLINE COMPANY INC.; A PLUS, NM OGD Telephone: 505-334-6178

Address: 1000 RIO BRAZOS; AZTEC, NM 87410

Facility Or: MARCELINA #5  
Well Name

Location: Unit or Qtr/Qtr sec A sec 24 T 16N R 10W county McKinley County

Pit Type: Separator    Dehydrator    other TRASH (?)

Land Type: BLM X, State   , Fee   , Other   

Pit Location: Pit dimensions: length 12, width 12, depth 4  
(Attach diagram)

Reference: wellhead X, other   

Footage from reference: 250

Direction from reference: 05 Degrees    East North X  
of  
X West 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) 0

**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 1000 feet (10 points)

Greater than 1000 feet (0 points) 0

RANKING SCORE (TOTAL POINTS): 0

Date Remediation Started: 01-15-01 Dated Completed: 3-07-01

Remediation Method: Excavation       
(Check all appropriate sections)

Approx. cubic yards 0

Landfarmed     

Insitu Bioremediation     

other Remove debris; 5 pt. Composite @ Bottom  
sidewalls and Center

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

Onsite      Offsite NA

General Description Of Remedial Action: Remove production debris (Trash  
Fencing etc) Collect 5 pt. Sample compare BTEX & TPH results  
to regulatory limits. USE BERMS to backfill pit.

Ground Water Encountered:

No X

Yes     

Depth     

Final Pit:

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

Sample location Bottom at 4 sidewalks and center  
(on Bedrock).

Sample depth ± 4' Below Natural Grade

Sample date 03-09-01

Sample time 13:05

Sample Results

Benzene (ppm) ND

Total BTEX (ppm) 0.0036

Field headspace (ppm) N/A

TPH 6.7 ppm

Ground Water Sample:

Yes     

No X

(If yes, attach sample results)

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

DATE 3-16-01

SIGNATURE Harlan M. Brown

PRINTED NAME HARLAN M. Brown  
AND TITLE GEOLOGIST / Hydrogeologist.

CLIENT: APLUS NMOC

ENVIROTECH Inc.

PIT NO: \_\_\_\_\_

5796 US HWY. 64, FARMINGTON, NM 87401  
(505) 632-0615C.O.C. NO: 8545

## FIELD REPORT: CLOSURE VERIFICATION

JOB No: 99042-002PAGE No: 1 of 1LOCATION: NAME: Marcellina WELL #: 5 PIT: Other/DebrisDATE STARTED: 01-15-01QUAD/UNIT: A SEC: 24 TWP: 16N RNG: 10W BM: \_\_\_\_\_ CNTY: MCKST: NMDATE FINISHED: 03-09-01

QTR/FOOTAGE: \_\_\_\_\_

CONTRACTOR: ENVIROTECH.ENVIRONMENTAL  
SPECIALIST: HMBSOIL REMEDIATION: EXCAVATION APPROX. N/A FT. x \_\_\_\_\_ FT. x \_\_\_\_\_ FT. DEEP.DISPOSAL FACILITY: NA CUBIC YARDAGE: \_\_\_\_\_LAND USE: RANGE LEASE: FREEFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 250 FEET N FROM WELLHEAD.DEPTH TO GROUNDWATER: 7100 NEAREST WATER SOURCE: 71000 NEAREST SURFACE WATER: 71000NMOC RANKING SCORE: 0 NMOC TPH CLOSURE STD: 5000 PPM

## SOIL AND EXCAVATION DESCRIPTION:

5 TEST HOLES (SIDES and CENTER) Soil sample collected  
for TPH (8015) & BTEX (8021) ANALYSIS.

GARBAGE, Fencing, Lumber removed for disposal at WHITE SANDS  
Regional Landfill.

## FIELD 418.1 CALCULATIONS

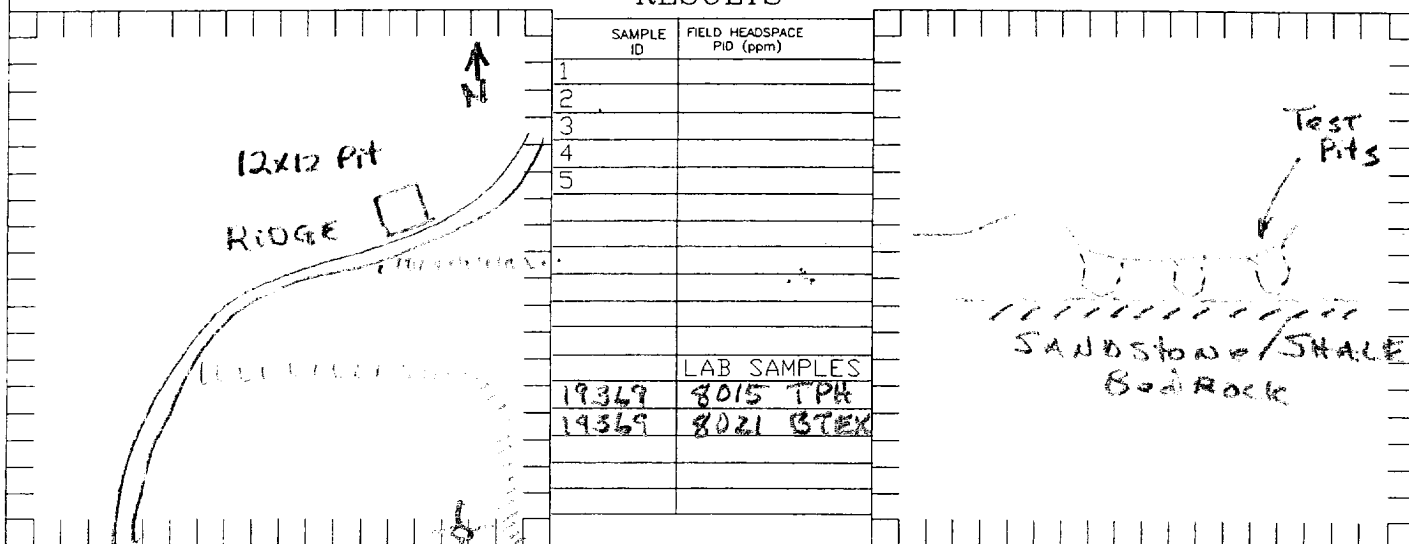
| SAMPLE I.D. | LAB No: | WEIGHT (g) | mL. FREON | DILUTION | READING | CALC. ppm |
|-------------|---------|------------|-----------|----------|---------|-----------|
|             |         |            |           |          |         |           |
|             |         |            |           |          |         |           |
|             |         |            |           |          |         |           |

SCALE

0

FEET  
PIT PERIMETEROVM  
RESULTS

PIT PROFILE



TRAVEL NOTES:

CALLOUT: \_\_\_\_\_ ONSITE: \_\_\_\_\_

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

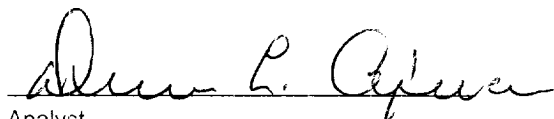
|                      |                             |                     |           |
|----------------------|-----------------------------|---------------------|-----------|
| Client:              | A Plus Well Service - NMOCD | Project #:          | 99042-002 |
| Sample ID:           | Marcelina No 5              | Date Reported:      | 01-17-01  |
| Laboratory Number:   | 19088                       | Date Sampled:       | 01-15-01  |
| Chain of Custody No: | 8459                        | Date Received:      | 01-15-01  |
| Sample Matrix:       | Soil                        | Date Extracted:     | 01-17-01  |
| Preservative:        | Cool                        | Date Analyzed:      | 01-17-01  |
| Condition:           | Cool and Intact             | Analysis Requested: | 8015 TPH  |

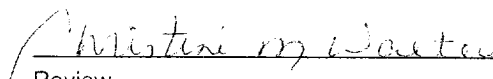
| Parameter                    | Concentration<br>(mg/Kg) | Det.<br>Limit<br>(mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10)    | ND                       | 0.2                      |
| Diesel Range (C10 - C28)     | 6.7                      | 0.1                      |
| Total Petroleum Hydrocarbons | 6.7                      | 0.1                      |

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: A.P.A. Woosley, Hospah. 5 Pt.; Trash Pit N of W.H.

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

|                    |                             |                     |           |
|--------------------|-----------------------------|---------------------|-----------|
| Client:            | A Plus Well Service - NMOCD | Project #:          | 99042-002 |
| Sample ID:         | Marcelina No 5              | Date Reported:      | 01-17-01  |
| Laboratory Number: | 19088                       | Date Sampled:       | 01-15-01  |
| Chain of Custody:  | 8459                        | Date Received:      | 01-15-01  |
| Sample Matrix:     | Soil                        | Date Analyzed:      | 01-17-01  |
| Preservative:      | Cool                        | Date Extracted:     | 01-17-01  |
| Condition:         | Cool & Intact               | Analysis Requested: | BTEX      |

| Parameter    | Concentration<br>(ug/Kg) | Det.<br>Limit<br>(ug/Kg) |
|--------------|--------------------------|--------------------------|
| Benzene      | 1.8                      | 1.8                      |
| Toluene      | ND                       | 1.7                      |
| Ethylbenzene | ND                       | 1.5                      |
| p,m-Xylene   | ND                       | 2.2                      |
| o-Xylene     | 1.8                      | 1.0                      |
| Total BTEX   | 3.6                      |                          |

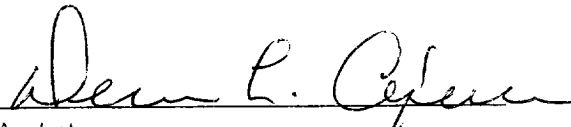
ND - Parameter not detected at the stated detection limit.

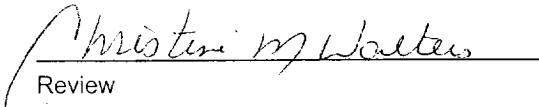
| Surrogate Recoveries: | Parameter          | Percent Recovery |
|-----------------------|--------------------|------------------|
|                       | Trifluorotoluene   | 100 %            |
|                       | Bromofluorobenzene | 100 %            |

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: A.P.A. Woosley, Hospah. 5 Pt.; Trash Pit N of W.H.

  
Analyst

  
Review

# CHAIN OF CUSTODY RECORD

08459

| Client / Project Name                               |             | Project Location         |            | ANALYSIS / PARAMETERS    |          |        |       |                                            |  |      |         |      |       |         |                             |
|-----------------------------------------------------|-------------|--------------------------|------------|--------------------------|----------|--------|-------|--------------------------------------------|--|------|---------|------|-------|---------|-----------------------------|
| A Plus Well Service - NMOC                          |             | A.P.A. Woosley, Hospital |            |                          |          |        |       |                                            |  |      |         |      |       |         |                             |
| Sampler: HARLAN W. BROWN                            |             |                          |            | Client No. 99042-002     |          | 904202 |       | No. of Containers                          |  | 8015 |         | 1208 |       | Remarks |                             |
| Sample No./ Identification                          | Sample Date | Sample Time              | Lab Number | Sample Matrix            |          |        |       |                                            |  |      |         |      |       |         |                             |
| SANTA FE LEGGS #1                                   | 01.15.01    | 10:40                    | 19082      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Produced water Pit.  |
| Nordlich Bullseye #10                               | 01.15.04    | 12:35                    | 19083      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Reserve Pit.         |
| Nordlich Bullseye #3                                | 01.15       | 13:00                    | 19084      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; East Pit @ Separator |
| Nordlich Bullseye #7                                | 01.15       | 14:10                    | 19085      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Pit.                 |
| Nordlich Bullseye #8                                | 01.15       | 14:30                    | 19086      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Pit.                 |
| Nordlich Bullseye #11                               | 01.15       | 15:05                    | 19087      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Produced water Pit.  |
| Marcelina No 5                                      | 01.15       | 15:45                    | 19088      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Trass Pit w/ w.H.    |
| Marcelina No 1                                      | 01.15       | 16:20                    | 19089      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; W produced water Pit |
| Nordlich Bullseye #6                                | 01.15       | 17:25                    | 19090      | Soil                     |          |        |       |                                            |  |      |         |      |       |         | 5 Pt.; Trass Pit.           |
| Relinquished by: (Signature) <i>Harlan W. Brown</i> |             |                          |            | Date                     | 01.15.01 | Time   | 20:15 | Received by: (Signature) <i>P. Aguirre</i> |  | Date | 1-15-01 | Time | 20:15 |         |                             |
| Relinquished by: (Signature)                        |             |                          |            | Received by: (Signature) |          |        |       |                                            |  |      |         |      |       |         |                             |
| Relinquished by: (Signature)                        |             |                          |            | Received by: (Signature) |          |        |       |                                            |  |      |         |      |       |         |                             |

ENVIROTECH INC.

5796 U.S. Highway 64  
Farmington, New Mexico 87401  
(505) 632-0615

Sample Receipt

Y N N/A

Received Intact

Cool - Ice/Blue Ice