DATE OF RELEASE 01/22/00 (APPROX.)

CLIENT: XTO ENERGY

# BLAGG ENGINEERING, INC.
P.O. BOX 87, BLOOMFIELD, NM 87413
(505) 632-1199

LOCATION NO: _____
C.O.C. NO: 9699

## FIELD REPORT: LANDFARM/COMPOST PILE CLOSURE VERIFICATION

LOCATION: NAME: DAVIDSON GC G WELL #: 1 ~~PIT~~: TANK SPILL
QUAD/UNIT: H SEC: 21 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM
QTR/FOOTAGE: SENE CONTRACTOR: HIGH DESERT

DATE STARTED: 12/20/01
DATE FINISHED: _____
ENVIRONMENTAL SPECIALIST: NV

SOIL REMEDIATION:
REMEDIATION SYSTEM: STOCKPILE
APPRCX. CUBIC YARDAGE: 23
LAND USE: RANGE - BLM
LIFT DEPTH (ft): NA

FIELD NOTES & REMARKS: NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM
DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'

SOIL TYPE: (SAND) / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER SOME BEDROCK FRAGMENTS (SANDSTONE)
SOIL COLOR: PALE YEL. BROWN
COHESION (ALL OTHERS): (NON COHESIVE) / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE
CONSISTENCY (NON COHESIVE SOILS): (LOOSE) / (FIRM) / DENSE / VERY DENSE
~~PLASTICITY (CLAYS)~~: NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC
~~DENSITY (COHESIVE CLAYS & SILTS)~~: SOFT / FIRM / STIFF / VERY STIFF / HARD
MOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATED
DISCOLORATION/STAINING OBSERVED: (YES) / NO EXPLANATION - SOME LT. GRAY STAND W/ HC ODOR
HC ODOR DETECTED: (YES) / NO EXPLANATION - SAMPLE PT. (1), (2), & (3) - ADVANCED DEEPER INTO STOCKPILE
SAMPLING DEPTHS (LANDFARMS): N/A (INCHES)
SAMPLE TYPE: GRAB / (COMPOSITE) # OF PTS. 5
ADDITIONAL COMMENTS:

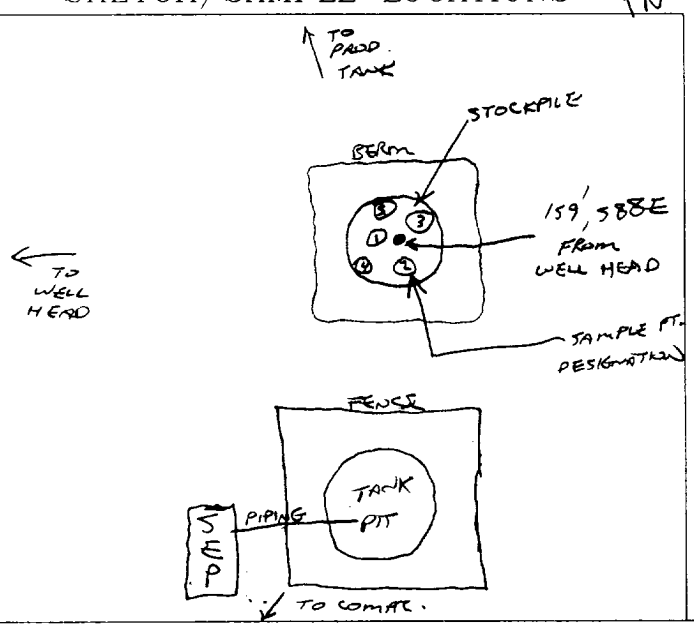
(CLOSED)

JAN 2002 RECEIVED OIL CONS. DIV. DIST. 3

FIELD 418.1 CALCULATIONS

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

SKETCH/SAMPLE LOCATIONS




OVM CALIB READ. 51.2 ppm
OVM CALIB GAS = 100 ppm; RF = 0.52
TIME: 12:30 am/(pm) DATE: 12/20/01

OVM RESULTS

| SAMPLE ID | FIELD HEADSPACE PID (ppm) |
|---|---|
| SP-1 | 248 |
| | |
| | |
| | |
| | |
| | |

LAB SAMPLES

| SAMPLE ID | ANALYSIS | TIME | RESULTS |
|---|---|---|---|
| SP-1 | TPH (8015B) | 1430 | 37.4 |
| " | BENZENE | " | ND |
| " | TOT. BTEX | " | 1.220 |
| | | | |
| | | | |
| | | | |

SCALE
0 FT

TRAVEL NOTES: CALLOUT: _____ ONSITE: _____

revised 07/16/01 bei1006A.skd

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

| | | | |
|---|---|---|---|
| Client: | Blagg / XTO Energy | Project #: | 94034-010 |
| Sample ID: | SP-1 | Date Reported: | 12-24-01 |
| Laboratory Number: | 21732 | Date Sampled: | 12-20-01 |
| Chain of Custody No: | 9699 | Date Received: | 12-20-01 |
| Sample Matrix: | Soil | Date Extracted: | 12-21-01 |
| Preservative: | Cool | Date Analyzed: | 12-24-01 |
| Condition: | Cool and Intact | Analysis Requested: | 8015 TPH |

| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|---|---|---|
| **Gasoline Range (C5 - C10)** | **33.4** | **0.2** |
| **Diesel Range (C10 - C28)** | **4.0** | **0.1** |
| **Total Petroleum Hydrocarbons** | **37.4** | **0.2** |

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: **Davidson GC G #1 Stockpile 5 Pt. Composite.**

Analyst

Review

5796 U.S. Highway 64 • Farmington, NM 87401 • Tel 505 • 632 • 0615 • Fax 505 • 632 • 1865

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021
## AROMATIC VOLATILE ORGANICS

| | | | |
|---|---|---|---|
| Client: | Blagg / XTO Energy | Project #: | 94034-010 |
| Sample ID: | SP-1 | Date Reported: | 12-24-01 |
| Laboratory Number: | 21732 | Date Sampled: | 12-20-01 |
| Chain of Custody: | 9699 | Date Received: | 12-20-01 |
| Sample Matrix: | Soil | Date Analyzed: | 12-24-01 |
| Preservative: | Cool | Date Extracted: | 12-21-01 |
| Condition: | Cool & Intact | Analysis Requested: | BTEX |

| Parameter | Concentration (ug/Kg) | Det. Limit (ug/Kg) |
|---|---|---|
| **Benzene** | **ND** | **1.8** |
| **Toluene** | **102** | **1.7** |
| **Ethylbenzene** | **56.0** | **1.5** |
| **p,m-Xylene** | **665** | **2.2** |
| **o-Xylene** | **399** | **1.0** |
| **Total BTEX** | **1,220** | |

ND - Parameter not detected at the stated detection limit.

| Surrogate Recoveries: | Parameter | Percent Recovery |
|---|---|---|
| | **Fluorobenzene** | **99 %** |
| | **1,4-difluorobenzene** | **99 %** |
| | **Bromochlorobenzene** | **99 %** |

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:** **Davidson GC G #1 Stockpile 5 Pt. Composite.**

Analyst

Review

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# CHAIN OF CUSTODY RECORD

09699

| Client / Project Name | Project Location | ANALYSIS / PARAMETERS |
|---|---|---|
| BLAGG / XTO ENERGY | STOCKPILE DAVIDSON GC G #1 | |

| Sampler: | Client No. |
|---|---|
| NJV | 94034-010 |

| Sample No./ Identification | Sample Date | Sample Time | Lab Number | Sample Matrix | No. of Containers | TPH (8015B) | BTEX (8021B) | | | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | PRESERVED COOL |
| SP-1 | 12/20/01 | 1430 | 21732 | SOIL | 1 | ✓ | ✓ | | | | | 5 PT. COMPOSITE |
| | | | | | | | | | | | | |
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| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|---|---|---|---|---|---|
| Nelson Velez | 12/20/01 | 1507 | Kristen Walter | 12-20-01 | 15:07 |
| 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 | ✓ | | |