



CT014

Blow PIT

Date Remediation Started: \_\_\_\_\_

Date Completed: 10/16/01Remediation Method: Excavation XApprox. cubic yards NA

(Check all appropriate sections)

Landfarmed \_\_\_\_\_

Insitu Bioremediation \_\_\_\_\_

Other CLOSE AS IS.Remediation Location: Onsite X Offsite \_\_\_\_\_

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

General Description of Remedial Action: Excavation. Test hole advanced. No remediation necessary.BEDROCK BOTTOM.Groundwater Encountered: No X Yes \_\_\_\_\_ Depth \_\_\_\_\_

Final Pit Closure Sampling:

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

Sample location see Attached DocumentsSample depth 5' (Test hole bottom)Sample date 10/15/01 Sample time 1400

## Sample Results

Soil: Benzene	(ppm)	<u>0.280</u>	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	<u>3.950</u>	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>400</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>183</u>	Total Xylenes	(ppb)	_____

Groundwater 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 10/16/01 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

3004508777

CLIENT: XTO ENERGYBLAGG ENGINEERING, INC.  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199LOCATION NO: CT014C.D.C. NO: 8781

## FIELD REPORT: CLOSURE VERIFICATION

PAGE No: 1 of 1LOCATION: NAME: STATE GC U WELL #: 1 PIT: BLOW  
QUAD/UNIT: H SEC: Z TWP: 29N RNG: 10W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: 1695'N/1075'E NE/SE CONTRACTOR: HIGH DESERTDATE STARTED: 10/15/01

DATE FINISHED: \_\_\_\_\_

ENVIRONMENTAL  
SPECIALIST: NVEXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: NADISPOSAL FACILITY: ON-SITE REMEDIATION METHOD: CLOSE AS ISLAND USE: RANGE LEASE: STATE FORMATION: PCFIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 58 FT. S40E FROM WELLHEAD.DEPTH TO GROUNDWATER: >100' NEAREST WATER SOURCE: >1000' NEAREST SURFACE WATER: >1000'NMCD RANKING SCORE: 0 NMCD TPH CLOSURE STD: 5000 PPM

CHECK ONE:

## SOIL AND EXCAVATION

## DESCRIPTION:

OVM CALIB. READ: 53.4 ppmOVM CALIB. GAS = 100 ppm RE = 0.52TIME: 1:50 am/pm DATE: 10/15/01☒ PIT ABANDONED☐ STEEL TANK INSTALLED☐ FIBERGLASS TANK INSTALLEDSOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER BEDROCK (SANDSTONE)SOIL COLOR: BLACK BEDROCK - MED. GRAYCOHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVECONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS &amp; SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATEDDISCOLORATION/STAINING OBSERVED: YES / NO EXPLANATION - DISCOLORATION NOTED ABOVEHC ODOR DETECTED: YES / NO EXPLANATION - STRONG IN SAND & BEDROCK SAMPLE COLLECTEDSAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. 1ADDITIONAL COMMENTS: COLLECTED SAMPLE FROM BEDROCK. BEDROCK - VERY HARD, COMPETENT.BEDROCK  
BOTTOM

## FIELD 418.1 CALCULATIONS

SCALE

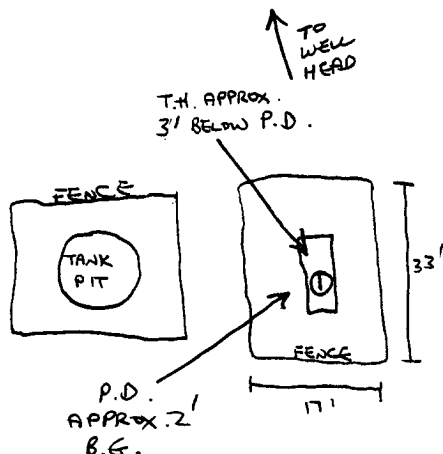


0 FT

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

## PIT PERIMETER

## PIT PROFILE

OVM  
RESULTS

SAMPLE ID	FIELD HEADSPACE PID (ppm)
1 @ 5'	400
2 @	
3 @	
4 @	
5 @	

## LAB SAMPLES

SAMPLE ID	ANALYSIS	TIME
1 @ 5'	TPH (8015)	1400
"	BTX (8021)	"
<u>BOTH PASSED</u>		

NOT APPLICABLE

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE  
T.H. = TEST HOLE

TRAVEL NOTES:

CALLOUT: 10/15/01 - MORN.ONSITE: 10/15/01 - AFTER.

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

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

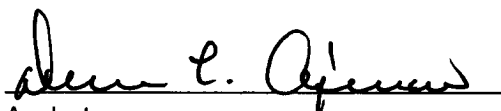
Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	10-16-01
Laboratory Number:	21254	Date Sampled:	10-15-01
Chain of Custody No:	8781	Date Received:	10-15-01
Sample Matrix:	Soil	Date Extracted:	10-16-01
Preservative:	Cool	Date Analyzed:	10-16-01
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

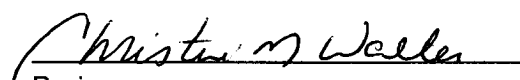
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	78.7	0.2
Diesel Range (C10 - C28)	104	0.1
Total Petroleum Hydrocarbons	183	0.2

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: **State GC U #1 Blow Pit Grab Sample.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO Energy	Project #:	94034-010
Sample ID:	1 @ 5'	Date Reported:	10-16-01
Laboratory Number:	21254	Date Sampled:	10-15-01
Chain of Custody:	8781	Date Received:	10-15-01
Sample Matrix:	Soil	Date Analyzed:	10-16-01
Preservative:	Cool	Date Extracted:	10-16-01
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	280	1.8
Toluene	777	1.7
Ethylbenzene	497	1.5
p,m-Xylene	1,610	2.2
o-Xylene	785	1.0
Total BTEX	3,950	

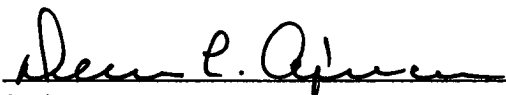
ND - Parameter not detected at the stated detection limit.

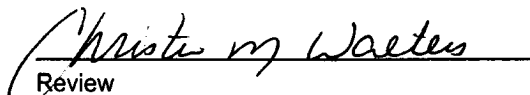
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	99 %
	1,4-difluorobenzene	99 %
	Bromochlorobenzene	99 %

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: State GC U #1 Blow Pit Grab Sample.

  
Analyst

  
Review