

Sep II P.H

Date Remediation Started: _____

Date Completed: 11-22-02Remediation 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 BottomGroundwater 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 6' (Test hole bottom)Sample date 11-21-02 Sample time 1150


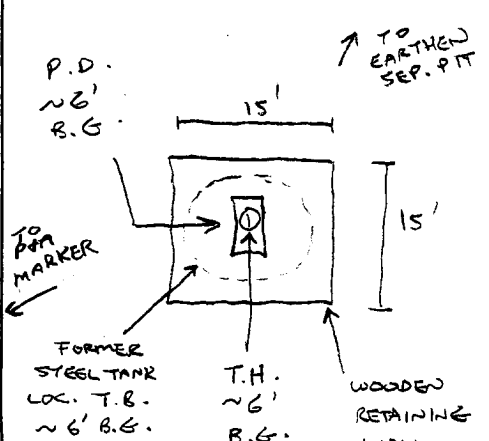
Sample Results

Soil: Benzene	(ppm)	_____	Water: Benzene	(ppb)	_____
Total BTEX	(ppm)	_____	Toluene	(ppb)	_____
Field Headspace	(ppm)	<u>0.0</u>	Ethylbenzene	(ppb)	_____
TPH	(ppm)	<u>ND</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 11-22-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

CLIENT: <u>XTO</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CT018</u> COCR NO: <u>10287</u>																																								
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																								
LOCATION: NAME: <u>KUTZ FEDERAL</u> WELL#: <u>13</u> TYPE: <u>SEP. II</u> QUAD/UNIT: <u>K SEC: 33 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1760'S (1700'W NE/SW) CONTRACTOR: COREY (COREY)</u>		DATE STARTED: <u>11/21/02</u> DATE FINISHED: _____ ENVIRONMENTAL SPECIALIST: <u>NV</u>																																								
EXCAVATION APPROX. <u>NA</u> FT. x <u>NA</u> FT. x <u>NA</u> FT. DEEP. CUBIC YARDAGE: <u>NA</u>																																										
DISPOSAL FACILITY: <u>ON-SITE</u> REMEDIATION METHOD: <u>CLOSE AS IS</u>																																										
LAND USE: <u>RANGE - BLM</u> LEASE: <u>SF 046563</u> FORMATION: <u>DK</u>																																										
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>105</u> FT. <u>N55E</u> FROM WELLHEAD DEPTH TO GROUNDWATER: <u>2100'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u>>1000'</u> NMOC D RANKING SCORE: <u>0</u> NMOC D TPH CLOSURE STD: <u>5000</u> PPM																																										
SOIL AND EXCAVATION DESCRIPTION: ELEV. <u>6101 DF</u> SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u> SOIL COLOR: <u>BEDROCK - OLIVE GRAY</u> 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 / <u>SLIGHTLY MOIST</u> / MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: YES <u>NO</u> EXPLANATION: _____ HC ODOR DETECTED: YES <u>NO</u> EXPLANATION: _____ SAMPLE TYPE: <u>GRAB</u> COMPOSITE: # OF PTS. <u>—</u> ADDITIONAL COMMENTS: <u>STEEL TANK SITUATED ON BEDROCK & REMOVED PRIOR TO SAMPLING.</u> <u>BEDROCK BOTTOM</u> <u>COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, COMPETENT.</u>																																										
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> SCALE  0 FT </div> <div style="width: 65%;"> FIELD 418.1 CALCULATIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMP. ID</th> <th>LAB NO.</th> <th>WEIGHT (g)</th> <th>mL FREON</th> <th>DILUTION</th> <th>READING</th> <th>CALC. (ppm)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> </div> </div>			SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																																
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM																																										
TRAVEL NOTES: CALLOUT: <u>11/20/02 - AFTER.</u> ONSITE: <u>11/21/02 - MORN.</u>																																										

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / XTO Energy
Sample ID: 1 @ 6'
Laboratory Number: 24277
Chain of Custody No: 10287
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

Project #: 94034-010
Date Reported: 11-22-02
Date Sampled: 11-21-02
Date Received: 11-21-02
Date Extracted: 11-22-02
Date Analyzed: 11-22-02
Analysis Requested: 8015 TPH

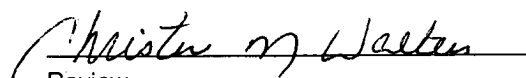
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	ND	0.2

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: Kutz Federal #13 Separator Pit II Grab Sample.


Analyst


Review