

1001 E. 5th St. 1st fl. NM

Blow Pit B1039

Date Remediation Started: _____

Date Completed: 8-26-02Remediation Method:
(Check all appropriate
sections)Excavation XApprox. cubic yards NA

Landfarmed _____

Insitu Bioremediation _____

Other CLOSE AS IS.Remediation Location:
(i.e. landfarmed onsite,
name and location of
offsite facility)Onsite X Offsite _____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 6.5' (Test hole bottom)Sample date 8-26-02 Sample time 0922

Sample Results

Soil: Benzene	(ppm) <u>0.0082</u>	Water: Benzene	(ppb) _____
Total BTEX	(ppm) <u>2.076</u>	Toluene	(ppb) _____
Field Headspace	(ppm) <u>369</u>	Ethylbenzene	(ppb) _____
TPH	(ppm) <u>262</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 BELIEFDATE 8-26-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

CLIENT: <u>BP</u>	BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>81039</u> C.O.C. NO: <u>10085</u>																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																
LOCATION: NAME: <u>GCU</u> WELL #: <u>172E</u> TYPE: <u>BLOW</u>		DATE STARTED: <u>8/20/02</u> DATE FINISHED: _____																																
QUAD/UNIT: <u>N</u> SEC: <u>25</u> TWP: <u>29N</u> RNG: <u>13W</u> PM: <u>NM</u> CNTY: <u>ST</u> ST: <u>NM</u>		ENVIRONMENTAL SPECIALIST: <u>NV</u>																																
QTR/FOOTAGE: <u>960'S/1530'W</u> SE/SEW CONTRACTOR: <u>L+L (SCOTT)</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 - BUN</u> SURFACE FEE LEASE: <u>NM078391C</u> FORMATION: <u>OK</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>237</u> FT. <u>570E</u> FROM WELLHEAD.																																		
DEPTH TO GROUNDWATER: <u>>100'</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:		DVM CALIB. READ: <u>53.5</u> ppm DVM CALIB. GAS = <u>100</u> ppm RF = <u>0.52</u> TIME: <u>8:05</u> AM PM DATE: <u>8/20/02</u>																																
SOIL TYPE: <u>SAND</u> / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER <u>BEDROCK (SANDSTONE)</u>																																		
SOIL COLOR: <u>OK YELL. BROWN TO BLACK</u> BEDROCK - <u>LT. GRAY</u>																																		
COHESION (ALL OTHERS): <u>NON COHESIVE</u> / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE																																		
CONSISTENCY (NON COHESIVE SOILS): <u>LOOSE</u> / <u>FIRM</u> / DENSE / VERY DENSE																																		
PLASTICITY (CLAYS): <u>NON PLASTIC</u> / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC																																		
DENSITY (COHESIVE CLAYS & SILTS): <u>SOFT</u> / FIRM / STIFF / VERY STIFF / HARD																																		
MOISTURE: <u>DRY</u> / SLIGHTLY MOIST / <u>MOIST</u> / WET / SATURATED / SUPER SATURATED <u>CLOSED</u>																																		
DISCOLORATION/STAINING OBSERVED: <u>YES</u> / NO EXPLANATION - <u>ENTIRE PIT AREA & BEDROCK SURFACE.</u>																																		
HC ODOR DETECTED: <u>YES</u> / NO EXPLANATION - <u>TEST HOLE & DVM SAMPLE.</u>																																		
SAMPLE TYPE: <u>GRAB</u> / COMPOSITE - # OF PTS. <u>-</u>																																		
ADDITIONAL COMMENTS: <u>COLLECTED SAMPLE FROM BEDROCK SURFACE. BEDROCK - VERY HARD, COMPETENT</u>																																		
<u>BEDROCK BOTTOM</u>																																		
FIELD 418.1 CALCULATIONS																																		
SCALE 0 FT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SAMP. TIME</th> <th>SAMPLE I.D.</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> </tbody> </table>			SAMP. TIME	SAMPLE I.D.	LAB No:	WEIGHT (g)	mL. FREON	DILUTION	READING	CALC. ppm																								
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P.D. = PIT DEPRESSION; B.G. = BELOW GRADE T.H. = TEST HOLE; ~ = APPROX.; B = BELOW TRAVEL NOTES: CALLOUT: <u>8/19/02 - AFTER.</u> ONSITE: <u>8/20/02 - MORN.</u>																																		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

Client: Blagg / BP
Sample ID: 1 @ 6.5'
Laboratory Number: 23613
Chain of Custody No: 10085
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

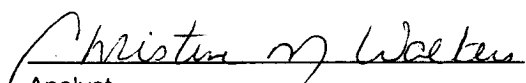
Project #: 94034-010
Date Reported: 08-26-02
Date Sampled: 08-20-02
Date Received: 08-20-02
Date Extracted: 08-21-02
Date Analyzed: 08-25-02
Analysis Requested: 8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	5.5	0.2
Diesel Range (C10 - C28)	256	0.1
Total Petroleum Hydrocarbons	262	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: GCU #172E Blow Pit Grab Sample.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	1 @ 6.5'	Date Reported:	08-26-02
Laboratory Number:	23613	Date Sampled:	08-20-02
Chain of Custody:	10085	Date Received:	08-20-02
Sample Matrix:	Soil	Date Analyzed:	08-23-02
Preservative:	Cool	Date Extracted:	08-21-02
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	8.2	1.8
Toluene	220	1.7
Ethylbenzene	192	1.5
p,m-Xylene	1,200	2.2
o-Xylene	456	1.0
Total BTEX	2,076	

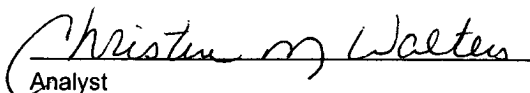
ND - Parameter not detected at the stated detection limit.

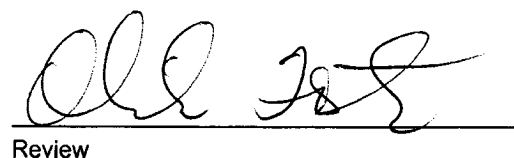
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	98 %
	1,4-difluorobenzene	98 %
	Bromochlorobenzene	98 %

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: GCU #172E Blow Pit Grab Samples.


Analyst


Review