

1000 Rio Blvd. Bldg. 24, Alameda, NM

0

B1264

Blow Pit

Date Remediation Started: _____

Date Completed: 8-19-03

Remediation 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.

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 7' (Test hole bottom)Sample date 8-18-03 Sample time 1338

Sample Results

Soil: Benzene (ppm) 0.165

Water: Benzene (ppb) _____

Total BTEX (ppm) 3.940

Toluene (ppb) _____

Field Headspace (ppm) 686

Ethylbenzene (ppb) _____

TPH (ppm) 74.1

Total Xylenes (ppb) _____

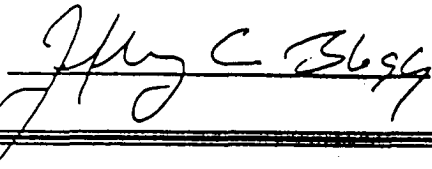
Groundwater Sample:

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

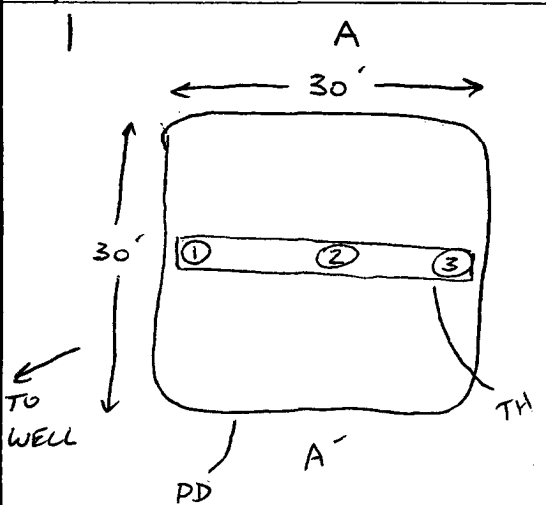
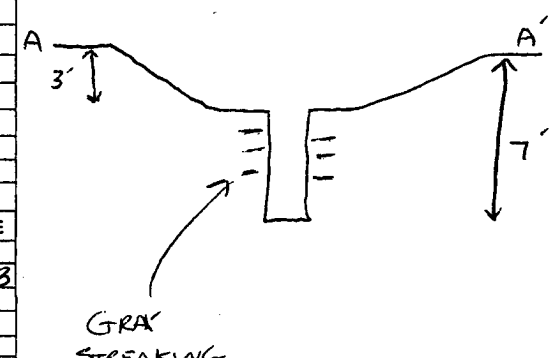
DATE 8-19-03PRINTED NAME Jeffrey C. Blagg

SIGNATURE



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>B1264</u> COCR NO: <u>11250</u>																																
FIELD REPORT: PIT CLOSURE VERIFICATION		PAGE No: <u>1</u> of <u>1</u>																																
LOCATION: NAME: <u>GCU</u> WELL #: <u>245</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>E SEC: 36 TWP: 28N RRG: 12W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>1850N/1190W</u> <u>SWLNW</u> CONTRACTOR: <u>FLINT (BEN)</u>		DATE STARTED: <u>8-18-03</u> DATE FINISHED: <u>8-18-03</u> ENVIRONMENTAL SPECIALIST: <u>JCB</u>																																
EXCAVATION APPROX. <u>30</u> FT. x <u>30</u> FT. x <u>3</u> FT. DEEP. CUBIC YARDAGE: <u>0</u>																																		
DISPOSAL FACILITY: <u>NA</u> REMEDIATION METHOD: <u>CLOSE AS IS</u> LAND USE: <u>NAPI</u> SURF. USE: NAAPSO LEASE: <u>NM078391 C</u> FORMATION: <u>JK</u>																																		
FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>222</u> FT. <u>N52°E</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:		OVM CALIB. READ. = <u>51.9</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>1345</u> am/pm DATE: <u>8-18-03</u>																																
SOIL TYPE: <u>(SAND)</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>Yellow TAN w/ GRAY STREAKS</u> COHESION (ALL OTHERS): <u>(NON COHESIVE)</u> SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE CONSISTENCY (NON COHESIVE SOILS): <u>(LOOSE)</u> 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 <u>(CLOSED)</u> MOISTURE: DRY <u>(SLIGHTLY MOIST)</u> MOIST / WET / SATURATED / SUPER SATURATED DISCOLORATION/STAINING OBSERVED: <u>(YES)</u> NO EXPLANATION - <u>MINOR GRAY STREAKS</u> HC ODOR DETECTED: <u>(YES)</u> NO EXPLANATION - <u>MINOR TO MODERATE</u> SAMPLE TYPE: <u>(GRAB)</u> COMPOSITE - # OF PTS. _____ ADDITIONAL COMMENTS: <u>EARTHEN PIT. DIG TEST TRENCH ACROSS PIT WITH BACKHOE</u>																																		
FIELD 418.1 CALCULATIONS																																		
SCALE  0 1 FT	<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> </tbody> </table>		SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)																								
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TRAVEL NOTES: CALLOUT: <u>8-18-03 1030</u> ONSITE: <u>8-18-03 1255</u>																																		

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

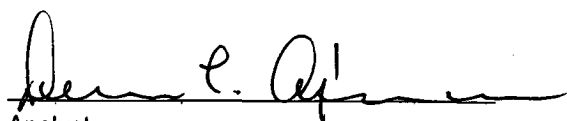
Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #3 @ 7'	Date Reported:	08-19-03
Laboratory Number:	26370	Date Sampled:	08-18-03
Chain of Custody No:	11250	Date Received:	08-18-03
Sample Matrix:	Soil	Date Extracted:	08-18-03
Preservative:	Cool	Date Analyzed:	08-19-03
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

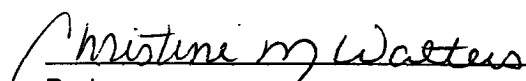
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	63.9	0.2
Diesel Range (C10 - C28)	10.2	0.1
Total Petroleum Hydrocarbons	74.1	0.2

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 245.**


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / BP	Project #:	94034-010
Sample ID:	Blow #3 @ 7'	Date Reported:	08-19-03
Laboratory Number:	26370	Date Sampled:	08-18-03
Chain of Custody:	11250	Date Received:	08-18-03
Sample Matrix:	Soil	Date Analyzed:	08-19-03
Preservative:	Cool	Date Extracted:	08-18-03
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	165	1.8
Toluene	537	1.7
Ethylbenzene	383	1.5
p,m-Xylene	2,070	2.2
o-Xylene	789	1.0
Total BTEX	3,940	

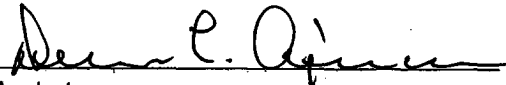
ND - Parameter not detected at the stated detection limit.

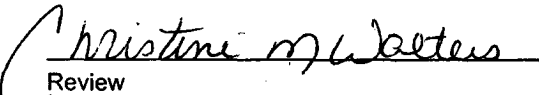
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	95 %
	1,4-difluorobenzene	95 %
	Bromochlorobenzene	95 %

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 245.


Analyst


Review