

1000 Rio Grande Rd. Albuquerque, NM

VUL

Blow Pit B1100

Date Remediation Started: _____ Date Completed: 12-3-02

Remediation Method: Excavation X Approx. 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: Sample location see Attached Documents

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

Sample depth 8' (Test hole bottom)Sample date 12-2-02 Sample time 1353

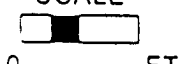
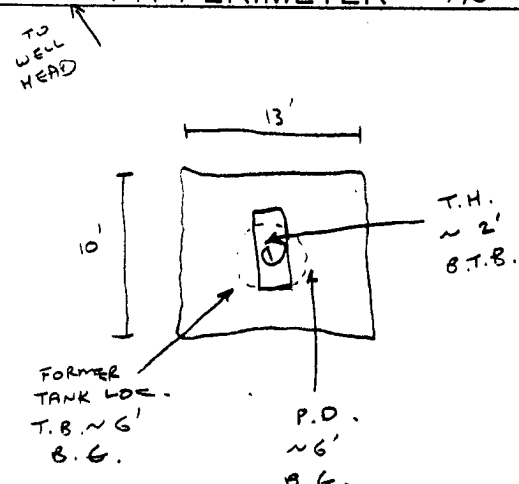
Sample Results

| | | | |
|-----------------|------------------|----------------|-------------|
| 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 12-3-02 PRINTED NAME Jeffrey C. BlaggSIGNATURE Jeffrey C. Blagg AND TITLE President P.E. # 11607

| CLIENT: <u>8P</u> | BLAGG ENGINEERING, INC. P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199 | LOCATION NO: <u>81106</u> COCR NO: <u>10288</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|------------|-----------------------|----------|-------------|-------------|----------|---------|-------------|-----|--|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| FIELD REPORT: PIT CLOSURE VERIFICATION | | PAGE No: <u>1</u> of <u>1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LOCATION: NAME: <u>Gcu com F</u> WELL #: <u>162</u> TYPE: <u>BLOW</u> QUAD/UNIT: <u>J SEC: 36 TWP: 29N RING: 12W PM: NM CNTY: SJ ST: NM</u> QTR/FOOTAGE: <u>2150'S / 1650'E</u> NW/SE CONTRACTOR: <u>FLINT (BEN)</u> | | DATE STARTED: <u>12/2/02</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 / RESIDENTIAL</u> LEASE: <u>FEE</u> FORMATION: <u>OK</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY <u>87</u> FT. <u>S49E</u> FROM WELLHEAD. DEPTH TO GROUNDWATER: <u><50'</u> NEAREST WATER SOURCE: <u>>1000'</u> NEAREST SURFACE WATER: <u><1000'</u> NMOCOD RANKING SCORE: <u>30</u> NMOCOD TPH CLOSURE STD: <u>100</u> PPM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOIL AND EXCAVATION DESCRIPTION: ELEV. <u>5451'</u> SOIL TYPE: <u>SAND</u> SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER _____ SOIL COLOR: <u>MOD. YEL. BROWN</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): 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: _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OVM CALIB. READ. = <u>51.8</u> ppm OVM CALIB. GAS = <u>100</u> ppm RF = 0.52 TIME: <u>7:15</u> AM/PM DATE: <u>11/26/02</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE  0 FT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FIELD 418.1 CALCULATIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%"><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><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></table> | | | SAMP. TIME | SAMP. ID | LAB NO. | WEIGHT (g) | mL FREON | DILUTION | READING | CALC. (ppm) | | | | | | | | | | | | | | | | | | | | | | | | |
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| PIT PERIMETER  | | PIT PROFILE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OVM READING | | NOT APPLICABLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%"><tr><th>SAMPLE ID</th><th>FIELD HEADSPACE (ppm)</th></tr><tr><td>1 @ 8'</td><td>0.0</td></tr><tr><td>2 @</td><td> </td></tr><tr><td>3 @</td><td> </td></tr><tr><td>4 @</td><td> </td></tr><tr><td>5 @</td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr></table> | | | SAMPLE ID | FIELD HEADSPACE (ppm) | 1 @ 8' | 0.0 | 2 @ | | 3 @ | | 4 @ | | 5 @ | | | | | | | | | | | | | | | | | | | | | |
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| 1 @ 8' | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 @ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| LAB SAMPLES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%"><tr><th>SAMPLE ID</th><th>ANALYSIS</th><th>TIME</th></tr><tr><td>DE 8</td><td>TPH (2015B)</td><td>1353</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table> | | SAMPLE ID | ANALYSIS | TIME | DE 8 | TPH (2015B) | 1353 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DE 8 | TPH (2015B) | 1353 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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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>12/2/02 - AFTER</u> ONSITE: <u>12/2/02 - AFTER</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 @ 8'
Laboratory Number: 24348
Chain of Custody No: 10288
Sample Matrix: Soil
Preservative: Cool
Condition: Cool and Intact

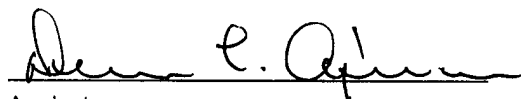
Project #: 94034-010
Date Reported: 12-03-02
Date Sampled: 12-02-02
Date Received: 12-02-02
Date Extracted: 12-03-02
Date Analyzed: 12-03-02
Analysis Requested: 8015 TPH

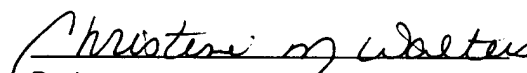
| Parameter | Concentration (mg/Kg) | Det. Limit (mg/Kg) |
|------------------------------|--------------------------|--------------------------|
| Gasoline Range (C5 - C10) | ND | 0.2 |
| Diesel Range (C10 - C28) | ND | 0.1 |
| Total Petroleum Hydrocarbons | ND | 0.2 |

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: GCU Com F #162 Blow Pit Grab Sample.


Analyst


Review