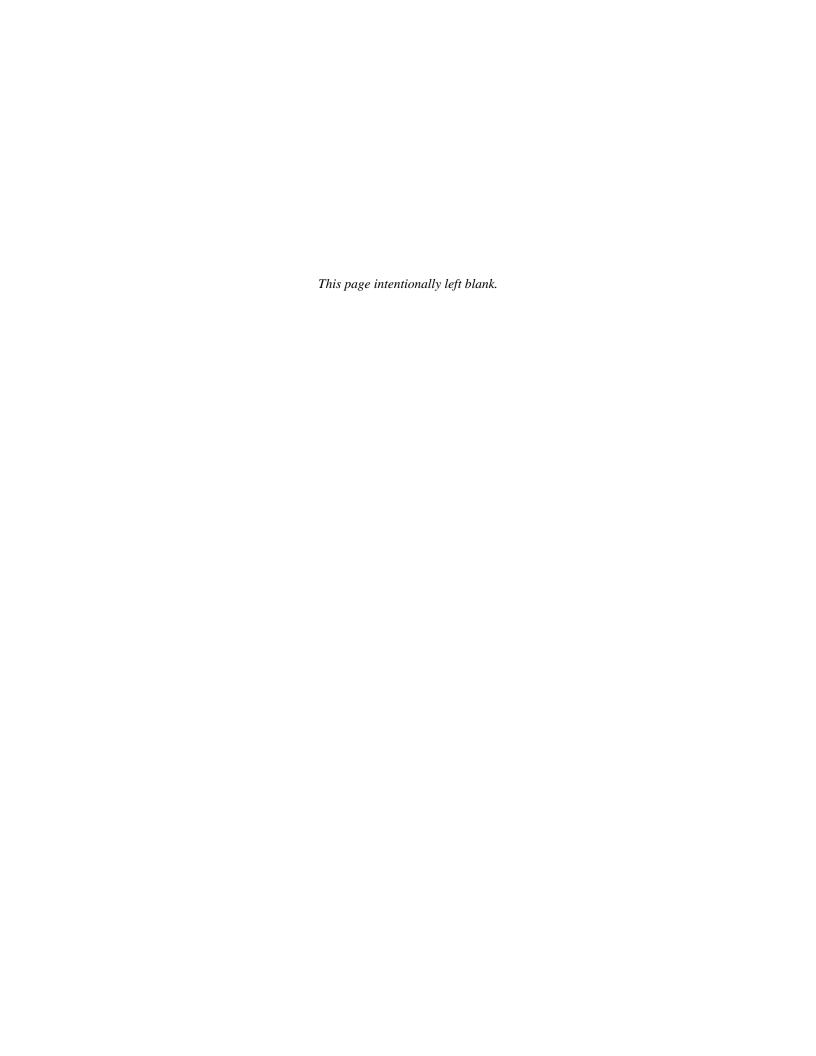
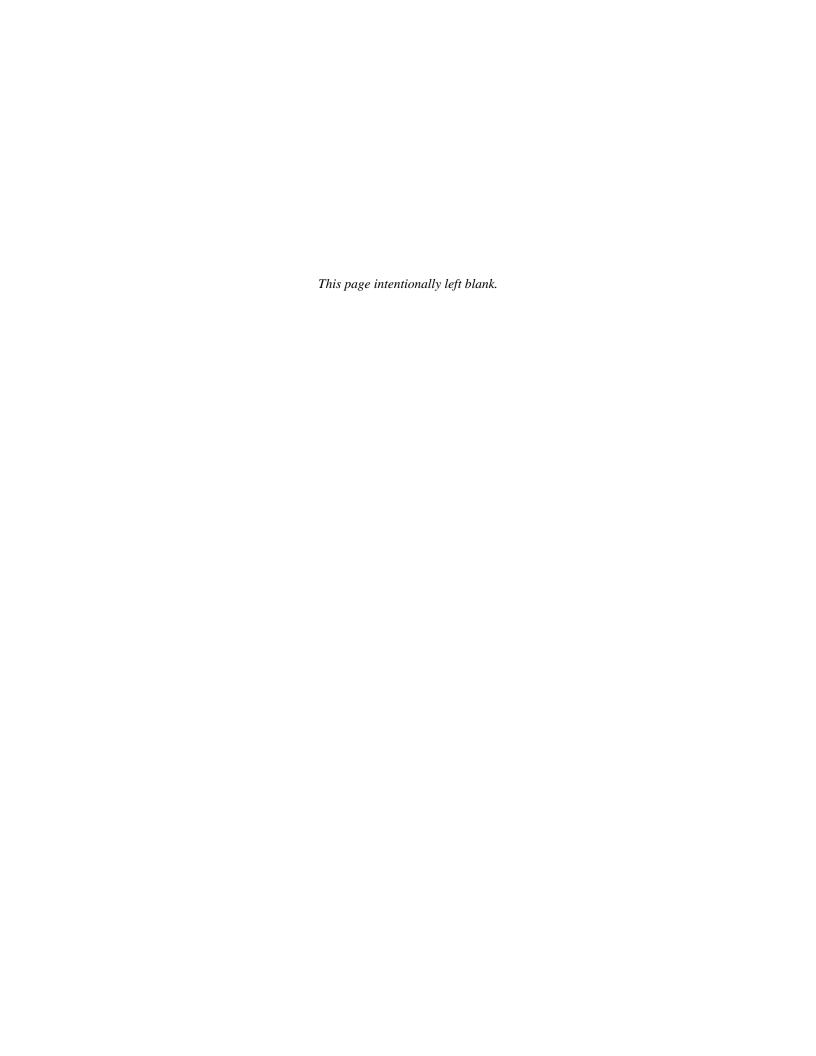
APPENDIX E FIELD ACTIVITY FORMS



APPENDIX E.1 SURFACE SOIL SAMPLING SUMMARY FORMS





SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA - WEST OF RR</u>
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1700 Weather: RAIN SUIT 305
Sample ID: 07955 - 0317M - 0001-50
Duplicate Sample ID:
Field Sampler: F. RochE
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE:



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA-WAST OF AR
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1705 Weather: SLORT JANN 30'S
Sample ID: 07955-0318/n-0001-50
Duplicate Sample ID:
Field Sampler: F. Rochá
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-18-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA - E, TRANS, FARD
Decision Unit: Building No
Sample Date: 3-19-17 Time: 0950 Weather: CLEAR - 30'S
Sample ID: 07955-0320m-6001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC A TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE:



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA- CONC. PAD
Decision Unit:
Sample Date: 3-19-13 Time: 1220 Weather: CLEAR - 30'5
Sample ID: 07955-0321/n-0001-50
Duplicate Sample ID:
Field Sampler: F, Rocht
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: W DATE: 3-19-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1007 Weather: RAIN -SLEAT 2015
Sample ID: 07955-0182M-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected 0) 955-0183m-001-50 1610
RECORDED BY: Jeff 13 m DATE: 3-18-13 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 9 CR Site Name: MSA
Decision Unit: DU 07 Building No.
Sample Date: 3-18-13 Time: 1040 Weather: NAIN-SLAGT 30'1
Sample ID: 07955 -0/84M-0001-50
Duplicate Sample ID:
Field Sampler: C: GUIDO
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Left Dom DATE: 3-18-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>M.S.A.</u>
Decision Unit: <u>Ou o 8</u> Building No
Sample Date: 9-18-13 Time: 1415 Weather: SCAST MAIN 2015
Sample ID: 07955-0185m-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 18-13 DATE: 3-18-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 9</u> CR Site Name: <u>MSA</u>
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1100 Weather: SURET MAIN 30'S
Sample ID: 07955-0/86M-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Jeff 13 m DATE: 3-18-13 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP-79</u> CR Site Name: <u>MSA</u>
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1/30 Weather: SCART - RAIN 2015
Sample ID: 07955-0187M-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Left 12 mm DATE: 3-18-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1405 Weather: SURAT RAIN 2019
Sample ID: 07955-0188M - 0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-18-13 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 29</u> CR Site Name: <u>MSA</u>
Decision Unit: 10/2 Building No.
Sample Date: 3-18-12 Time: 1225 Weather: NAW SCRAS -35'S
Sample ID: 07955-0189M-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
·
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 15 pm DATE: 3-18-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>M SA</u>
Decision Unit: Building No
Sample Date: 3-18-13 Time: 1230 Weather: SLAGT MAIN 30'S
Sample ID: 07955 -0190M-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANT
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-18-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name:
Decision Unit: DU 14 Building No.
Sample Date: 3-18-13 Time: 1430 Weather: DAW - SURET 30'5
Sample ID: 07955-0191M-0001-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-18-13 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- '79
Decision Unit: Building No
Sample Date: <u>3-/8-/3</u> Time: <u>/3/8</u> Weather:
Sample ID: 67955-0/92M-000/-50
Duplicate Sample ID:
Field Sampler:
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC A TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE:



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: Building No
Sample Date: 2-18-13 Time: 1530 Weather: RAW - SLEAT 30'S
Sample ID: 07955-0193h-0001-50
Duplicate Sample ID:
Field Sampler: <u>C. GVIQO</u>
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: John DATE: 3-18-13 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: Building No
Sample Date: 4915 Time: 1000 Weather: 0 LUNY, RAIN, 50'S
Sample ID: 07955-0326M-0001-50
Duplicate Sample ID:
Field Sampler: Fn, KP
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS iv/Ht
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Jeff Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name:
Decision Unit: DU /8 Building No
Sample Date: 4915 Time: 1145 Weather: OLARY, RAW, 50'S
Sample ID: 07955-0327M-0001-50
Duplicate Sample ID:
Field Sampler: FA, KP
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: 18 Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision Unit: Building No
Sample Date: 4915 Time: 1357 Weather: OLUMP, RAIN, 50'S
Sample ID: <u>0 9955-0328M-0001-50</u>
Duplicate Sample ID:
Field Sampler:
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC X TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: DU 20 Building No.
Sample Date: 4915 Time: 1435 Weather: OLARY, RAIN, 50'S
Sample ID: 67955-6329m-0001-50
Duplicate Sample ID:
Field Sampler: 16, AW
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS W H f
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 1 Novam DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision Unit: Building No
Sample Date: 4915 Time: 1500 Weather: 0 LAN, RAIN, 505
Sample ID: 07955-00330m-0001-50
Duplicate Sample ID:
Field Sampler: FA, KP
Depth of Sample:
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected
RECORDED BY: Nonow DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: DU 22 Building No.
Sample Date: 4915 Time: 1100 Weather: 0 LANK, RAIN, 505
Sample ID:
Duplicate Sample ID:
Field Sampler: Mb, AW
Depth of Sample: 0-1ft
Material:Soil
Remarks:
Laboratory Analysis:
□ VOC X TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: Building No
Sample Date: 4915 Time: 1130 Weather: OLANY, RAIN, 50'S
Sample ID: 07955-0332M-0001-50
Duplicate Sample ID:
Field Sampler: FAKE
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC X TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
1 12 10
RECORDED BY: Novem DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision Unit: DU 24 Building No.
Sample Date: 4915 Time: 1430 Weather: OLAN, RAW, 50'S
Sample ID: 079.55 - 6333M - 000/-50
Duplicate Sample ID:
Field Sampler: MG, AW
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC X TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: 18/18 Nonon DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No CC-RVAAP- 79 CR Site Name:
Decision Unit: Building No
Sample Date: 4915 Time: 1215 Weather: OLUMP, RAW, 50'S
Sample ID: 07955-0334m-0001-50
Duplicate Sample ID:
Field Sampler: Kl, FL
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 1 Nonn DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: DU 26 Building No.
Sample Date: 4915 Time: 1102 Weather: 0 CUNN, RAIN, 505
Sample ID: <u>07955-0335M-0001-50</u>
Duplicate Sample ID:
Field Sampler: FA, KP
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC X TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
□ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name:
Decision Unit: DU 27 Building No.
Sample Date: 4915 Time: 0916 Weather: 0 LAN, 505
Sample ID:
Duplicate Sample ID:
Field Sampler: Mt AW
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC X TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name:
Decision Unit: DU 28 Building No.
Sample Date: 4915 Time: 1620 Weather: OLAN, RAIN, 505
Sample ID: 07955-038/M-0001-50
Duplicate Sample ID:
Field Sampler: Mt, Aw
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS W/H6
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 18 Nonner DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MSA
Decision Unit: DU 29 Building No
Sample Date: 4915 Time: 0950 Weather: 0 LINDY RAIN, 50'S
Sample ID: 07955-0337M-0001-50
Duplicate Sample ID:
Field Sampler: FA, KP
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
\square VOC \bowtie TAL METALS \square SVOCs \square EXPLOSIVES \square TPH GRO/DRO \square PCBs \square PROPELLANTS ω / $\mathcal{H}_{\mathcal{E}}$
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Norm DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name:
Decision Unit: DU 30 Building No.
Sample Date: 4915 Time: 0920 Weather: 0 LUNY, RAIN, 505
Sample ID:
Duplicate Sample ID:
Field Sampler: Fn Ko
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC X TALMETALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: Novam DATE: 4-9-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name: MAW ORE AREA
Decision Unit: DU 3/ Building No
Sample Date: 5-12-15 Time: 1720 Weather: PTLY, CLOVOY, 50'S
Sample ID: 07955-6402M-0001-50
Duplicate Sample ID:
Field Sampler: FR, JD
Depth of Sample:0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC ★ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: MAN DATE: 5-12-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MAIN ORIE AREA</u>
Decision Unit: DU 32 Building No.
Sample Date: 5-12-15 Time: 1755 Weather: PTLY, CLOVOY, 50'S
Sample ID: 07955-0403M-000 1-50
Duplicate Sample ID:
Field Sampler: FR, JD
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 11 Dona DATE: 5-12-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MAW ONE ANEA</u>
Decision Unit: Building No
Sample Date: 5-12-15 Time: 1650 Weather: PTLY, CLOVOY, 50'S
Sample ID: 079.55 - 6404m - 000 1-50
Duplicate Sample ID:
Field Sampler: FR, TD
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Marian DATE: 5-12-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MAW ONE AREA</u>
Decision Unit: Building No
Sample Date: 5-12-15 Time: 1415 Weather: PTLY, CLOVOY, 50'S
Sample ID: 07955-0405A1-0001-50
Duplicate Sample ID:
Field Sampler: FR, JD
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 11 Doman DATE: 5-12-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MAW ONE AREA</u>
Decision Unit: Building No
Sample Date: 5-12-15 Time: 1540 Weather: PT-V. CLOVOY, 50'S
Sample ID: 67955-0406M-000150
Duplicate Sample ID:
Field Sampler: FR, TD
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: Mann DATE: 5-12-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: RT 80 JANK FARM
Decision Unit: Building No
Sample Date: 11-9-12 Time: 1210 Weather: Phy class - 455
Sample ID: 07955-0003m - 0001-50
Duplicate Sample ID:
Field Sampler: FR
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC ★ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: JOHN DATE: 11-9-12



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP-79</u> CR Site Name: <u>RF 80 JANK FAMM</u>
Decision Unit: Building No
Sample Date: 11/9/12 Time: 1110 Weather: 1th CLOVOV - 1015
Sample ID: 079.55 - 000 4M-0001-50
Duplicate Sample ID: # 07955-0005m-0001-50
Field Sampler: FAL
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC ZCTAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07950-0004m-0002-50
□ QA Sample Collected
RECORDED BY: 1/9/12 DATE: 1/9/12



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: KT FU TANK FARM
Decision Unit: Building No
Sample Date: 5-/3-/5 Time: Weather: PThe CLOUDE 505
Sample ID: <u>07955 - 0400M - 000 1-50</u>
Duplicate Sample ID:
Field Sampler: Jo FR
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: Signature) DATE: 5-13-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- CR Site Name: RT 80 JANK FARM
Decision Unit: DU 0 7 Building No.
Sample Date: 5-13-15 Time: 0940 Weather: PTLY CHURY 50'S
Sample ID: 07955 - 0401M - 0031-50
Duplicate Sample ID:
Field Sampler: TO, FL
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
→ HG FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: MAD M DATE: 5-13-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP-) 9</u> CR Site Name: <u>ARFA 2</u>
Decision Unit: Building No
Sample Date: 3-25-13 Time: 1645 Weather: Snow - 30'5
Sample ID:
Duplicate Sample ID:
Field Sampler: F, Roche
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected
RECORDED BY: DATE: 3-25-13 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: AREA 2
Decision Unit: Building No
Sample Date: 3-)5-13 Time: 15-08 Weather: 5New - 30'5
Sample ID: 07955-0054m-0001-50
Duplicate Sample ID:
Field Sampler: F. Rochk
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC ☐ TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: John DATE: 3-25-13



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- CR Site Name: ARGA 8 INENT STVARGE
Decision Unit: Building No
Sample Date: 1/-7-/2 Time: 1325 Weather: PAN CLOVAY 46'S
Sample ID: 07955- 000 (M- 000)- 50
Duplicate Sample ID:
Field Sampler: FR
Depth of Sample:
Material: Soll
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Jeft Man DATE: //-7-/2 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: ARGA 8 INVAT STONALE
Decision Unit: DV02 Building No
Sample Date: 1/-7-12 Time: 1230 Weather: PTAT CLOUDY 40'S
Sample ID: 07955 - 0002M - 0001-50
Duplicate Sample ID:
Field Sampler: FR
Depth of Sample:
Material:
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 1/-7-/2 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

Ravenna Army	Ammunition	Plant,	Ravenna,	Ohio
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CR Site No. CC-RVAAP-79 CR Site Name: AT PO TANK FARM
Decision Unit: DU 03 Building No
Sample Date: 4-7-15 Time: 1015 Weather: (Lovor, 40'S, RAIN
Sample ID: 07955-0348M-0001-50
Duplicate Sample ID:
Field Sampler: KP, AW
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC IX TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: 4-7-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: RT BO JANK FARM
Decision Unit: Building No
Sample Date: 4-6-15 Time: Weather: CLAAN, 40'S
Sample ID: 07955-0347M-0001-50
Duplicate Sample ID:
Field Sampler: _kl_Aw
Depth of Sample:
Material: Soil
Remarks:
Laboratory Analysis:
UVOC TAL METALS □ SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 4-6-15



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: AT 80 JANK FARM
Decision Unit: Building No
Sample Date: 4-7-15 Time: 1205 Weather: (LOVOK, 40'S, RAIN
Sample ID: 07955-0350m-000 1-50
Duplicate Sample ID:
Field Sampler: KP, AW
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC IX TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
(Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- CR Site Name: _	AREA 8
Decision Unit: DU 0 4	Building No.
Sample Date: <u>4-6-/5</u> Time: <u>/400</u> W	leather: CLEAR , 40'S
Sample ID: 67955-0343M-000 1-	
Duplicate Sample ID: 07955-0344M	
Field Sampler: KP, Aw	
Depth of Sample: 0-1ft	
Material: Soil	
Remarks:	
Laboratory Analysis:	
□ VOC TAL METALS □ SVOCs □ EXPLOSIV	ES ☐ TPH GRO/DRO ☐ PCBs ☐ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosive	
☐ MS/MSD Sample Collected	
☐ QA Sample Collected	
0.4	



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- CR Site Name: & Site Name: CR Site Name:
Decision Unit: Building No
Sample Date: 4-6-15 Time: 1630 Weather: CLEAR, 40'S
Sample ID: 07955-0342M-0001-50
Duplicate Sample ID:
Field Sampler: KP, Auv
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC IT TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 67955-6342M-0002-860 (MATALS ONLA)
☐ QA Sample Collected
RECORDED BY: DATE: 4-6-/5



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3</u>	,
Decision Unit: DU 09 Building No.	····
Sample Date: 4-8-15 Time: 1020 Weather: RANT, 501	-
Sample ID: 07955-0369M-000 1-50	-
Duplicate Sample ID:	-
Field Sampler: FA, KP	_
Depth of Sample: 0-1ft	
Material: Soil	
Remarks:	-
Laboratory Analysis:	
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELI	LANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)	
☐ MS/MSD Sample Collected	
□ QA Sample Collected	
RECORDED BY: 4-8-15 (Signature)	_



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

Ravenna Army Ammunition Plant, Ravenna, Ohio

CR Site No. CC-RVAAP- 79 CR Site Name:
Decision Unit: Building No
Sample Date: 4-8-15 Time: 1240 Weather: RANK, 50'1
Sample ID: 07955-0370M-0001-50
Duplicate Sample ID:
Field Sampler: FR, KP
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY OF M

(Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name:
Decision Unit: DU / / Building No
Sample Date: 4-8-15 Time: 1/50 Weather: RANT, 501/
Sample ID: 07955-0371M-0001-50
Duplicate Sample ID:
Field Sampler: FR KP
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC ☐ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: 4-8-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3</u>
Decision Unit: DU /2 Building No.
Sample Date: 4-8-15 Time: 100 Weather: RAINT, 5011
Sample ID: <u>07955-0372 m-0001-50</u>
Duplicate Sample ID:
Field Sampler: KP, FR
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS W/H/-
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 4-8-15 (Signature)



SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3</u>
Decision Unit: DU / 3 Building No.
Sample Date: 4-8-15 Time: 1340 Weather: RAINT, 5011
Sample ID:
Duplicate Sample ID:
Field Sampler: HP FA
Depth of Sample: 0-1ft
Material: Soil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS W/H/-
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: 4-8-15 (Signature)

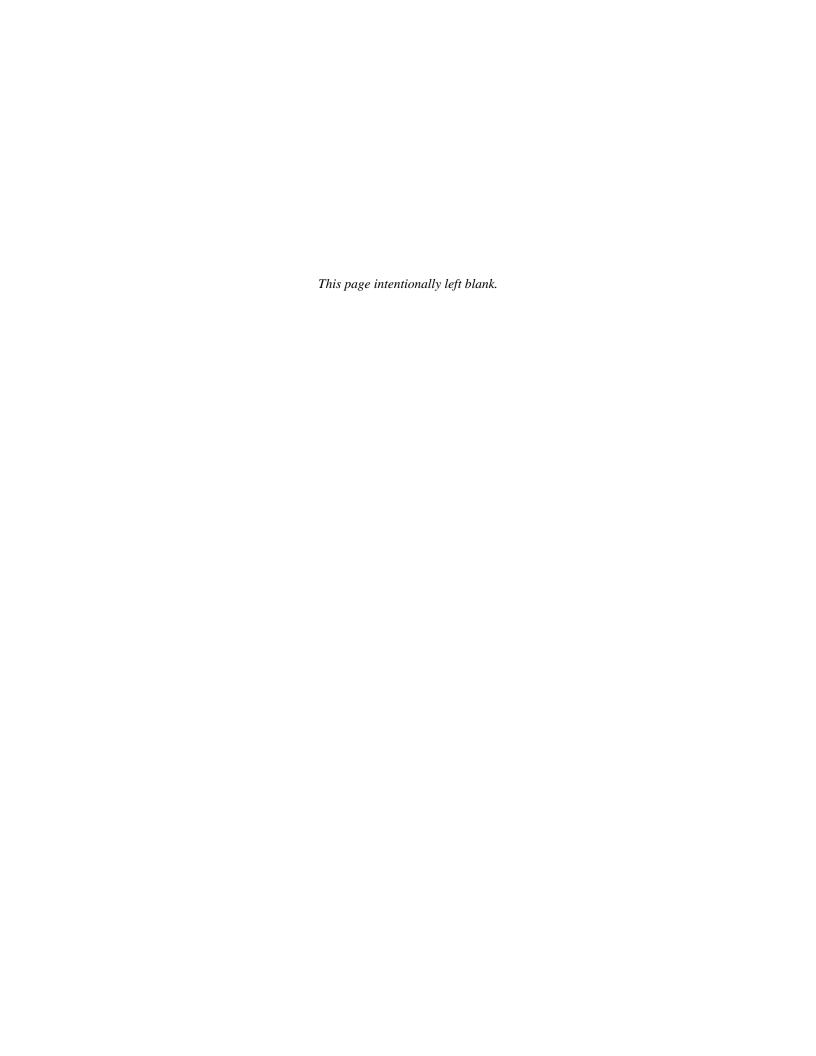


SURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

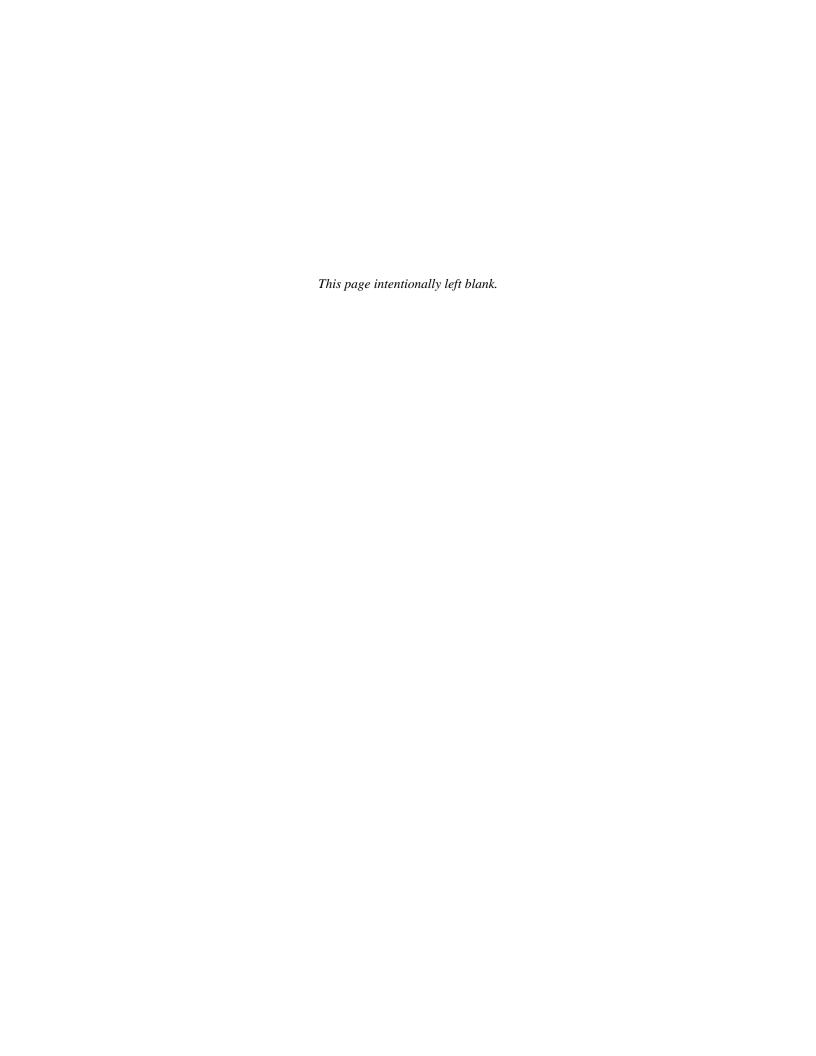
USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3</u>	
Decision Unit: DU / 4 Building No	_
Sample Date: 4-8-15 Time: 1420 Weather: RAINT, 501	
Sample ID: 07955-0374m	
Duplicate Sample ID:	
Field Sampler: The Ke	
Depth of Sample: 0-1ft	
Material: Soil	
Remarks:	
Laboratory Analysis:	
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLA W/H/-	ANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)	
☐ MS/MSD Sample Collected	
☐ QA Sample Collected	
RECORDED BY: My Now DATE: 4-8-15	



APPENDIX E.2 SURFACE WATER AND SEDIMENT

SAMPLING SUMMARY FORMS





SURFACE WATER SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No.	CC-RVAAP-	O G CR Site N	lame: ORR STONIN POND
Decision Unit	t: <u>DV 0</u>	3	Building No Sw -/
Sample Date:	: 4-1-13	Time: <u>/43</u> 0	Weather: 36's Ciovor
Sample ID: _	0795W	- 0311-	000/SW
Duplicate Sar	mple ID:ــــــــــــــــــــــــــــــــــ	3795W-0	0312-0001-SW
Field Sample	r: Tipon	iov4~	
Water Depth Temprature: ORP (mV): Turbidity (NT	<u>4,79</u> 173 6	<u></u>	Flow Velocity (fps):
		dor <u>Novî</u>	
Equipment: Laboratory A	KSI KS(LAMOTTK		Serial Number: [0]101789 0201015 [138-2811
-	, 5.5.		
			EXPLOSIVES TPH GRO/DRO PCBs PROPELLANTS
KU FULL SUITI	E (VOCs, SVO	Cs, TAL Metals,	Explosives, Propellants, PCBs, Pesticides)
MS/MSD S	Sample Collect	ted Q	A Sample Collected $8795W-0313-000/-5W$ [500]
RECORDED BY	Y:	gest Do	DATE: <u>4-1-13</u>



SURFACE WATER SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: ORE STANAIR POND
Decision Unit: <u>DU83</u> Building No. <u>Sw-2</u>
Sample Date: 4-1-13 Time: 1500 Weather: 305-CEOUDY
Sample ID: 0795W-0314-0001-5W
Duplicate Sample ID:
Field Sampler:
Water Depth: Flow Velocity (fps):
Sample Observations: Odor_Nove Color:CLASS Other:
Remarks:
Equipment: Make: Model: Serial Number: 151 600 y L 0201015 138-2811
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
□ MS/MSD Sample Collected RECORDED BY: □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □



SURFACE WATER SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: ORR STONALE POND
Decision Unit: 1003 Building No. Sw-3
Sample Date: 4-1-13 Time: 1515 Weather: 30'5 CLOURY
Sample ID: 0795W-0315-0001-5W
Duplicate Sample ID:
Field Sampler: T. Donovav
Water Depth:
Sample Observations: Odor <u>AMM</u> Color: <u>CLCAN</u> Other:
Remarks:
Equipment: Make: Model: Serial Number: FSI 600 0201015 MODEL 2020 WE 1/3 8-28/1
Laboratory Analysis:
□ VOC THE TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
□ MS/MSD Sample Collected RECORDED BY: (Signature) DATE: Q-(-/3)



SURFACE WATER SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: ORE STORAWE POND
Decision Unit: <u>NV 03</u> Building No: <u>SW-Y</u>
Sample Date: 4-1-13 Time: 1530 Weather: CLOUNT -305
Sample ID: 0795W-0316-001-5W
Duplicate Sample ID:
Field Sampler:
Water Depth: /o" Flow Velocity (fps): 012 F1/SKC pH (units): 7.29 ORP (mV): /23 8 Specific Conductance (uS/cm ^c): /co. 7 Turbidity (NTU): 21/2 Dissolved Oxygen (mg/L): //1.21
Sample Observations: Odor Nova Color: CLAIN
Other:
Remarks:
Equipment: Make: Model: Serial Number: FSI 650MDS 05161789 FSI 600 0201015 LAMOSTE 2020 WE 1/38-28/1
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
□ MS/MSD Sample Collected RECORDED BY: Signature DATE: Y-1-13



SEDIMENT SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: OR & STORALT PONT
Decision Unit: 1003 Building No. 560 1
Sample Type:
Sample Date: 3-19-13 Time: 1400 Weather: 17LY CLOUDY 305
Sediment Sample ID: 07950-0305-000/-S0
Duplicate Sample ID: <u>67950 - 0306-0001-50</u>
Field Samplers:
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
□ VOC 🕦 TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07950 -0305 -0002-50 1400
QA Sample Collected 07950 - 0307 - 0001-50 1400
RECORDED BY: DATE: DATE:



SEDIMENT SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: ORE STORAGE POND
Decision Unit: <u>DUO3</u> Building No. <u>SED-2</u>
Sample Type: ☐ Composite
Sample Date: 4-2-/3 Time: 140 Weather: (LAM 30°
Sediment Sample ID:
Duplicate Sample ID:
Field Samplers: J. Na Nova
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: 10 m DATE: 4-2-13 (Signature)



SEDIMENT SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 6R2 STURAVE PORD
Decision Unit: <u>1003</u> Building No. <u>S'EO 3</u>
Sample Type: ☐ Discrete ☐ Composite
Sample Date: 3-20-13 Time: 1130 Weather: CLGAR, 30°15
Sediment Sample ID:
Duplicate Sample ID:
Field Samplers:
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE:



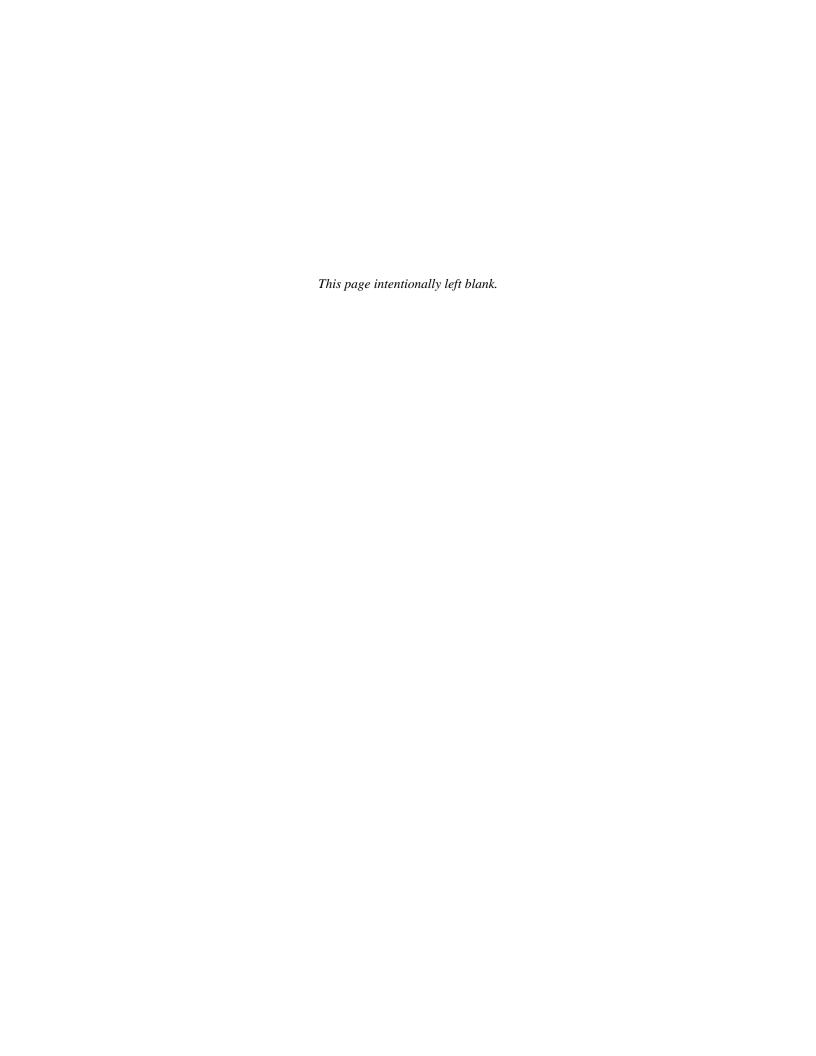
SEDIMENT SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: ORE STORAGE POND
Decision Unit: <u>0003</u> Building No. <u>SED 4</u>
Sample Type: Discrete Composite
Sample Date: 3-19-13 Time: 1435 Weather: PTLV CLANY 30'S
Sediment Sample ID:
Duplicate Sample ID:
Field Samplers:
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
□ VOC ★ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-19-13

APPENDIX E.3 SUBSURFACE SOIL SAMPLING SUMMARY FORMS





SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: Maw OVC	
Decision Unit: 100 Building No. Vertical Geoprobe N	o. <u>518-1</u>
Sample Date: 3 21-13 Time: 13:107 M Weather: 30°F Sunmy	Coid
Subsurface Horizontal Sample ID: 07958 - 0153m-0001-50	1339
Duplicate Sample ID:	
Field Samplers: THEL, CG	
Tube A Time 13:15 Interval Drilled (ft bgs): 1-4 Recovery Tube B Time 13:16 Interval Drilled (ft bgs): 4-7 Recovery	(ft/in): 48"
Tube B Time 13:16 Interval Drilled (ft bgs): 4-7 Recovery	(ft/in): 29"
Tube C Time Interval Drilled (ft bgs) : Recovery	(ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery Subcontractor (Name/Company): Vers +	(ft/in):
Subcontractor (Name/Company):	
Subcontractor (Name/Company): Nras + Remarks: KEFUSIM (3 5 2 ATTPS (BIK DIST (MUTATUM) 3"1) 5	anaput)
Subcontractor (Name/Company): \(\bar{\text{Vers}}\) Remarks: \(\lambda \) \(\frac{\text{Vers}}{\text{Vers}} \) \(\lambda \) \(\frac{\text{Metals}}{\text{Metals}} \) \(\lambda \) \(\frac{\text{Metals}}{\text{Metals}} \) \(\lambda \) \(\text{Metals} \) \(\lambda \) \(\text{Metals} \) \(\lambda \) \(\text{Metals} \) \(\lambda \) \(\text{PCBs} \)	AMAPIF) PROPELLANTS
Subcontractor (Name/Company):	AMAPIF) PROPELLANTS
Remarks: KERISM (2 5 2 2 MTH 5 (BIK DIST (MUTATUME) 3"1) 5 Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pe	AMAPIF) PROPELLANTS



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- The CR Site Name: Muin Ora
Decision Unit: <u>NV </u> Building No. <u>Vertical Geoprobe No. <u>SB-2</u></u>
Sample Date: 3-21-13 Time: 13:33 Weather: 30 5 Suny (01)
Subsurface Horizontal Sample ID: 0795B - 0154 M - 0001-50 1355
Duplicate Sample ID:
Field Samplers: TUPLICE
Tube A Time 13:36 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 40"
Tube B Time 13:38 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 27"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): V) kinss
Remarks: REPUSAN @ 6,5' BIK 3" MATERIAN (DUST ONE)
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: (Signature) DATE: 3 71 - 13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 25 CR Site Name: Man Dec
Decision Unit: <u>DV </u> Building No Vertical Geoprobe No. <u>SB-3</u>
Sample Date: 3-21-13 Time: 13:51 Weather: 30° F Gunny Cold
Subsurface Horizontal Sample ID: 07958 - 0155m - 0001-50
Duplicate Sample ID:
Field Samplers: 11, FR, LL
Tube A Time 13.53 Interval Drilled (ft bgs) : $1-41$ Recovery (ft/in): $46''$
Tube B Time 13.56 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 33"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1 Kuslk
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-21-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- CR Site Name: Mcin Uke	
Decision Unit: 100 Building No. Vertical Geoprobe N	o. 5B-4
Sample Date: 3-21-13 Time: Hils m Weather: 30 F Sunny	
Subsurface Horizontal Sample ID: 07953-0156m-001-50	
Duplicate Sample ID:	
Field Samplers: 14, FL, CL,	
Tube A Time 18 Interval Drilled (ft bgs) : 1-4 Recovery	(ft/in): ~l식 ^v
Tube B Time 14.70 Interval Drilled (ft bgs): 4-7 Recovery	
Tube C Time Interval Drilled (ft bgs) : Recovery	(ft/in):
Subcontractor (Name/Company): 100 V MS 14 Remarks: Recovery	
Subcontractor (Name/Company): 1) VAS II	
Subcontractor (Name/Company):	
Subcontractor (Name/Company):	□ PROPELLANTS
Subcontractor (Name/Company):	□ PROPELLANTS
Subcontractor (Name/Company):	□ PROPELLANTS



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- CR Site Name: Min Ovc
Decision Unit: 100 Building No. Vertical Geoprobe No. 56-5
Sample Date: 3-21-13 Time: 14:77 Weather: 30'f Sunny (0)
Subsurface Horizontal Sample ID: 07958-0157M-0001-50
Duplicate Sample ID:
Field Samplers:
Tube A Time 4.33 Interval Drilled (ft bgs) : 1 Recovery (ft/in): 38"
Tube B Time 14.35 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 50000
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
0.4
Subcontractor (Name/Company): 10 16 14514
Remarks: 3.5 Max Delth Refisor 1st 2nd 300 No Ret No Ret No Ret
Remarks: 3,5 Max DEPTH REFLECT 1St ZMM 3000 NO REL NO REL NO REL
Remarks: 3.5 Max Delth Affison 18 No REC NO REC NO REL Laboratory Analysis:
Remarks: 3.5 Max Delth Refusor 18 No REC NO RECONDITION OF THE PROPELLANTS
Remarks: 3.5 Max 1)e17H CFF1502 184 ZMM 3 203 NO REC NO



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: May Dre
Decision Unit: 🕦 🗘 Building No Vertical Geoprobe No. <u>5 ß · 1</u>
Sample Date: 3-21-13 Time: 16:45 Weather: Cold 304 P/
Subsurface Horizontal Sample ID: 07959 - 0160m - 000 1-50 1706
Duplicate Sample ID:
Field Samplers: WATLICLE HONIZONIAL 1-4' 07958-0158M-0001-50 1703
Tube A Time 16:4 & Interval Drilled (ft bgs): 14 Recovery (ft/in): 40" HONIZONTAL 4-7' 07 958-0154M-0001-50 1702
Tube B Time $\frac{16.50}{1000}$ Interval Drilled (ft bgs): $\frac{4-7}{1000}$ Recovery (ft/in): $\frac{38}{1000}$
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): 1/14 pcs//
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): 1 LMS
Subcontractor (Name/Company): 1 Last
Subcontractor (Name/Company): \(\int_{\text{Loss}} \) Remarks: \(\text{Loss} \text{Loss} \text{Loss} \) Laboratory Analysis:
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: Maw Oke
Decision Unit: 1000 Building No. Vertical Geoprobe No. 513-2
Sample Date: 3-21-13 Time: 16:38 Weather: Cold 36 Pla
VERSICAL Subsurface Horizontal Sample ID: 67958-0/61m-0001-50
Duplicate Sample ID:
Field Samplers:FIL_CU
Tube A Time 16:33 Interval Drilled (ft bgs) : [-4] Recovery (ft/in): 2'
Tube B Time <u>ル35</u> Interval Drilled (ft bgs) : <u>イラー</u> Recovery (ft/in): <u>A 北</u> を
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1 LMSN
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3 71-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 7.9 CR Site Name:Mุผเพ มนะ
Decision Unit: DUZ Building No. Vertical Geoprobe No. 55-3
Sample Date: 3-2\-13 Time: 16.00 Weather: Cold 30f Pla
Subsurface Horizontal Sample ID: 07950-0162m-0001-50
Duplicate Sample ID:
Field Samplers: TH, FH, LL-
Tube A Time 16.05 Interval Drilled (ft bgs) : 14 Recovery (ft/in): 49
Tube B Time 16:08 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 12"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Blk one 3" below sortice D. Sample Remarks!
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 74 CR Site Name: Waw Oka
Decision Unit: 1002 Building No. Vertical Geoprobe No. 313-4
Sample Date: 3-21-13 Time: 15/46 Weather: COV 304 P/C
Subsurface Horizontal Sample ID: 07950-0/63M-000/-59
Duplicate Sample ID:
Field Samplers: TH, FIL. CL
Tube A Time 15:43 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 2,0
Tube B Time 15:45 Interval Drilled (ft bgs): 4ラ Recovery (ft/in): Muse 2 MT
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): \(\frac{\gamma_{\text{WASK}}}{\text{V}}\)
Remarks: KEFVSWI @ Z ZATTPS
Laboratory Analysis:
□ VOC ★ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-21-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN WE
Decision Unit: DV Z Building No. Vertical Geoprobe No. 58-5
Sample Date: 3-2+13 Time: 15:27 Weather: Cours 304 Plc
Subsurface Horizontal Sample ID: 07958-0/64M-0001-50
Duplicate Sample ID:
Field Samplers: TUNFK, CG
Tube A Time 15:30 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 3.51
Tube B Time 15:35 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): NEEC
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): Dilasy Remarks: 4From All 347785 3.5 55
Subcontractor (Name/Company): Dilasib Remarks: Act 3 + 17 + 5 3 · 5 · 5 · 5 · 5 · 5 · 5 · 5 · 5 · 5
Subcontractor (Name/Company): DILBSB Remarks: ACC 341775 3.5 55 Laboratory Analysis: VOC ACTAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): Dibast Remarks: All 3+17745 3.5



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Main ONE - E, Trans to
Decision Unit: DUA Building No. Vertical Geoprobe No. 53-1
Sample Date: 3-22-13 Time: 11:55 Am Weather: Cold 300 SNOW
Subsurface Horizontal Sample ID: 07958 - 0168m - 0001-50 1234
Duplicate Sample ID:
Field Samplers: TH, FR, CG- HOR 120NIAL 15 1-4 07950-0166M-0001-50 122
Tube A Time 12:20 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48" HORIZOMAL 15 4-2' 07950-01670-0001-50 122
Tube B Time 12.24 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): Dvasit
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Remarks: Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 75 CR Site Name: MAIN ONE - KITRANS FO.
Decision Unit: 104 Building No. Vertical Geoprobe No. 58-2
Sample Date: 3-22-13 Time: 11:40 mg Weather: Cove 30 of 5000
Subsurface Horizontal Sample ID: 07953-0169M-0001-50 1204
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 11.43 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48" 2" 46"
Tube A Time 11:45 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 48" 2" 46" Tube B Time 11:45 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 48" 2" 46" 2" 46" 150 46" 15
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): Wash
Subcontractor (Name/Company): WasH Remarks: LEFISHIE 4.5' SS ZA77'S
Subcontractor (Name/Company): WasH Remarks: LEFISHLE 4.5 SS ZATT S Laboratory Analysis:
Subcontractor (Name/Company): DeasH Remarks: Leftshie 4.5 SS 2 A77/5 Laboratory Analysis: PCBs PROPELLANTS
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: WAWS ONE - E. TIMUS FO
Decision Unit: 0 V4 Building No. Vertical Geoprobe No. 53-3
Sample Date: 3-22-13 Time: 11:007 Weather: Coves of Snow
Subsurface Herizontal Sample ID: 07958-0170m-0001-50 1141
Duplicate Sample ID:
Field Samplers: THE FRICE
Tube A Time 11:30 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 46
Tube B Time 11:33 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 28
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Ucasit
Remarks: LEFUSIAL @ 6.51
Laboratory Analysis:
Laboratory Analysis: □ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAN SEE E INANS VO.
Decision Unit: 104 Building No. Vertical Geoprobe No. 53-9
Sample Date: 3-27-13 Time: 10:43 AM Weather: Cold 300F SNOW
Subsurface Horizontal Sample ID: 07954-0171M-0001-50 1105
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 6.50 Interval Drilled (ft bgs): $1-4$ Recovery (ft/in): $47'$
Tube B Time $\frac{10.55}{10.55}$ Interval Drilled (ft bgs): $\frac{4-7}{10.55}$ Recovery (ft/in): $\frac{36}{10.55}$
Tube C Time 10.58 Interval Drilled (ft bgs): 7-13 Recovery (ft/in): 241
Subcontractor (Name/Company):
Remarks: Lansuie 8.5 ss
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-72-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Man CAE - E, TANK FO
Decision Unit: <u>004</u> Building No Vertical Geoprobe No. <u>\$8-5</u>
Sample Date: 2-22-13 Time: 10-25An Weather: Cold 30 4 SNOW
Subsurface Horizontal Sample ID: 07950-0/72M-0001-50 1083
DSB 9-19 h3-22-13 Duplicate Sample ID: 07958-0173-0001-50 1046
Field Samplers:
Tube A Time 10127 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 46"
Tube B Time 10.31 Interval Drilled (ft bgs): $4-7$ Recovery (ft/in): 36°
Tube C Time 18.35 Interval Drilled (ft bgs) : 7-13-9. Recovery (ft/in): 24"
Subcontractor (Name/Company):
Remarks: DSB 7+3-1Kock.
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELIANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: (Signature) DATE: 7,77-17



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 75 CR Site Name: Man out - cove pag
Decision Unit: 105 Building No. 8.58 m Vertical Geoprobe No. 58-1
Sample Date: 3-27-13 Time: 0918 Weather: Cond 350f SNOW
Subsurface Herizontal Sample ID: 0795B-0(77M-001-50
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 8:55 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 45"
Tube B Time 9:05 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 🖺 ເພາະ 🖟
Remarks: 3" SEAR OF BIK OFF WIN 1" -D. SAMPLE HOLLIZONTAL SOMPLE 1-4. 07950 -01751-0001-50 0959
Laboratory Analysis: 4-7' 0) 950-0/16m-000/-50 0958
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-72-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MHN ONE - CONC 140
Decision Unit: 105 Building No. Vertical Geoprobe No. 56-2
Sample Date: 321-17 Time: 8 43 Weather: 30 F COUS SNOW
Subsurface Horizontal Sample ID: 07958-0178M-0001-50 0918
Duplicate Sample ID:
Field Samplers: TH FR, CG
Tube A Time 3:45 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48"
Tube B Time 2:46 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 24 1
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): \(\int \) R AS II
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-22-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: Main ONCE - CONC PAN
Decision Unit: <u>DV5</u> Building No Vertical Geoprobe No. <u>5 15 - 3</u>
Sample Date: 3-72-13 Time: 9.15 mm Weather: Cold 30°F Show
Subsurface Horizontal Sample ID: <u>0795B - 0179M - 0001-50 0934</u>
Duplicate Sample ID:
Field Samplers: TA, FR, CG
Tube A Time 9.20 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 49"
Tube B Time 9.23 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 36"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dess lt
Remarks: 17" Surface BIK UZE D. SAMPLE.
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 377 - 13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Manw over - Cove PAD
Decision Unit: 10 4 Building No. Vertical Geoprobe No. 53 - 4
Sample Date: 377-13 Time: 9.15 And Weather: Cold 304 Snow
Subsurface Horizontal Sample ID: <u>679 SB - 180M - 0001-SO</u>
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 9:30 Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 48
Tube B Time 9:35 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 36"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): \(\begin{align*} \bu \neq \begin{align*} \bu \neq \begin{align*}
Subcontractor (Name/Company): ∬ ಬನ್ಗಳ
Subcontractor (Name/Company): ① ひょうり Remarks:
Subcontractor (Name/Company): ① ひょうり Remarks:
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Man out
Decision Unit: DU 5 Building No Vertical Geoprobe No. SB-S-
Sample Date: 3-72-13 Time: 9:40 Weather: COLL 30:5 SNOW
Subsurface Herizontal Sample ID: 0)958-0181M-0001-50 1004
Duplicate Sample ID:
Field Samplers: 74, FL, CG
Tube A Time 9:45 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 46"
Tube B Time 9,46 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DVasit
Remarks: 131 k one 3" 155
Remarks: 131 k one 3" 155
Remarks: 131 k one 3" 155 Laboratory Analysis:
Remarks: 131 k one 3" 55 Laboratory Analysis: UVOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS
Remarks: 131 k and 3" 55 Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN OLE STOKE
Decision Unit: 100 Building No. Vertical Geoprobe No. 36-1
Sample Date: 3-1873 Time: 1357 Weather: COLD 30°F KAIN
Subsurface H orizont al Sample ID: 07953-0/97M-0001-50 Howard 1-4' 07958-0/95M-000/-50 Uplicate Sample ID: 07968-0/96M-001/-50
Field Samplers:
Tube A Time <u>1カイナ</u> Interval Drilled (ft bgs) : <u>1-4'</u> Recovery (ft/in): <u>44"</u>
Tube B Time 13:55 Interval Drilled (ft bgs): 4-71 4 ATMS REFISALIST 41
i 4.レミ Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): _ りゃらト
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected RECORDED BY: 3-18-13
RECORDED BY: DATE: 3-18-15



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: Main Out Stoute
Decision Unit: ①リし Building No Vertical Geoprobe No5乃-ユ
Sample Date: 3代で Time: 13.67 Weather: 365 MIN
Subsurface Horizontal Sample ID: 67958-018811-0001-50
Duplicate Sample ID:
Field Samplers:
Tube A Time 13:10 Interval Drilled (ft bgs) : 1-4' Recovery (ft/in): 41"
Tube B Time 小りら Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 15
Tube B Time 15.15 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 15.15 Tube C Time Interval Drilled (ft bgs): Recovery (ft/in): Recovery (ft/in):
Subcontractor (Name/Company): _p_RASH
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
□ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-12-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: Main DEE STOUWE
Decision Unit: <u> </u>
Sample Date: 3-16-13 Time: 11.58 AM Weather: Coun 30°F LAIN
Subsurface Horizontal Sample ID: 07958-01990-001-50
Duplicate Sample ID:
Field Samplers:
Tube A Time バラちム Interval Drilled (ft bgs): 1ー4 Recovery (ft/in): 40"
Tube B Time 12.027 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 61/64 121 1215 P Tube C Time Interval Drilled (ft bgs): Recovery (ft/in): 8241 111 1111 1111 1111 1111 1111 1111
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dtessil
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-18-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Muin ONE STURAGE
Decision Unit: DU 6 Building No Vertical Geoprobe NoSB-4
Sample Date: 3-18-13 Time: Weather: Veather:
Subsurface Herizontal Sample ID: 07950-0200 no 0001-50
Duplicate Sample ID:
Field Samplers:
Tube A Time 11:38 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 40"
Tube B Time 11:47 A Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 40"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): VLAGIN
Subcontractor (Name/Company): VLAGIN
Subcontractor (Name/Company): Plant
Subcontractor (Name/Company): Place Remarks: Laboratory Analysis: VOC AT TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): Plant
Subcontractor (Name/Company): Places Remarks: Laboratory Analysis: PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Main DLE STONAGE
Decision Unit: 106 Building No Vertical Geoprobe No. 53-5
Sample Date: 318-13 Time: 12:53 Weather: COLD 30°F PAN
Subsurface Horizontal Sample ID: 09950-0201M ~0001-50
Duplicate Sample ID:
Field Samplers: 11 , 10
Tube A Time <u>12.55</u> Interval Drilled (ft bgs) : <u>i - 4'</u> Recovery (ft/in): <u>44"</u>
Tube B Time 1256 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 20"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1)KASIF
PISCAETIC SAMPLES COLL: 07958-0202-0001-50 0-6" Remarks: 67958-0203-0001-60 6-12"
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: (Signature) DATE: 3-18-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Main URE STOURGE
Decision Unit: DU7 Building No Vertical Geoprobe No S 8-♥
Sample Date: 3-18-13 Time: 15:50 Weather: Cold 30 F RAIN
Subsurface Herizontal Sample ID: 0)950-0207m-000(-50
HORIZONTAL 1-4' 07958-0204M-0001-50 Duplicate Sample ID: 07958-0206 M- 0001-50
Field Samplers:
Tube A Time 15-51 Interval Drilled (ft bgs): 1- 4 (Recovery (ft/in): 4 4"
Tube B Time 1556 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 281
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 014511
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected 0 7918 - 02 05 M - 000 1-50



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAN OLE STORME
Decision Unit: 1007 Building No. Vertical Geoprobe No. 58-2
Sample Date: 3-18-13 Time: 16.05 Weather: Cours 30 F RAN
Subsurface Herizontal Sample ID: 07950-0208m-0001-50
Duplicate Sample ID:
Field Samplers:
Tube A Time 10.00 Interval Drilled (ft bgs) : 1- 4/ Recovery (ft/in): 42"
Tube B Time i6 10 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 25"
Tube C. There is a second of the second of t
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Recovery (ft/in):
Subcontractor (Name/Company):\(\infty\) RASH
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAN ULE STURE	€
	ca 3
Decision Unit: DUT Building No Vertical Geoprob	be No. <u>\\\S^3</u>
Sample Date: 3-16-13 Time: 17:55 Weather: Cold 3015	= CAIN
the state of the s	
VENTOL Subsurface H prizonta l Sample ID: <u>0 フタケル~ 0 2 09m~ 000 / -</u>	50
Duplicate Sample ID:	
Field Samplers: 14	
Tube A Time 19:00 Interval Drilled (ft bgs): 1-4 Reco	very (ft/in): <u>36"</u>
Tube B Time 19.05 Interval Drilled (ft bgs): 4-7' Reco	very (ft/in): 37 ' ¹
Tube C Time Interval Drilled (ft bgs) : Reco	very (ft/in):
Subcontractor (Name/Company):	
Remarks:	
,	
Laboratory Analysis:	
□ VOC	CBs
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCB	s, Pesticides)
☐ MS/MSD Sample Collected	
☐ QA Sample Collected	
RECORDED BY: DATE:	3-18-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN DILF STOLAGE
Decision Unit: 1007 Building No Vertical Geoprobe No
Sample Date: 3-18-13 Time: 15.08 Weather: COLD 30 F RAIN
Subsurface Norizontal Sample ID: 07950-0210m-0001-50
Duplicate Sample ID:
Field Samplers: _ T #
Tube A Time 8 16 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 40"
Tube B Time 16, 20 Interval Drilled (ft bgs): 4-71 Recovery (ft/in): 30'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): () LASIL
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-18-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN UKE
Decision Unit: 1007 Building No. Vertical Geoprobe No. 58-5
Sample Date: 3-18-13 Time: 140-22 Weather: COLD 30 F RAIN
Subsurface Horizontal Sample ID: 07950-021111-0001-50
Duplicate Sample ID:
Field Samplers: 74
Tube A Time 16.25 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 44"
Tube B Time 16:25 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 20"2
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):OVASIŁ
OISCRETTE SAMPLES COLL: 07950 -0212-0001-50 0-6" Remarks:
Laboratory Analysis:
· · · · · · · · · · · · · · · · · · ·
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MANN OVER
Decision Unit: NV 8 Building No. Vertical Geoprobe No. 58-1
Sample Date: 3-21-13 Time: 10:56 am Weather: Cold 30 F P/C
Subsurface Herizontal Sample ID: 07958 -0216m -0001-50 HON 120VIAL 1-4' 07958 -0218m-0001-50 4-7' 07958 -0218m-0001-50
Duplicate Sample ID:
Field Samplers: 14, FR, CG
Tube A Time NOOA Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 36 1
Tube B Time 11:07 24 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 24 '
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): VAASI
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ MS/MSD Sample Collected ☐ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- TO CR Site Name: MANN ONE
Decision Unit: 1006 Building No. Vertical Geoprobe No. 58 - 2
Sample Date: 3-21-13 Time: 11:37 am Weather: 30 F Coid Pla
VERTICAL Subsurface Horizontal Sample ID: 07950-0217m-0001-50
Duplicate Sample ID: 07958-B319M-0001-50
Field Samplers: TH, FR, CG
Tube A Time 11.40_A Interval Drilled (ft bgs) : $1-4$ Recovery (ft/in): 44
Tube B Time 11,43mmInterval Drilled (ft bgs): 4-71 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Deast
Remarks: BIK (maroum) Sweeze i' D. Sample REFISHIC 6.5'
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected 07958-0218m-0001-50
RECORDED BY: (Signature) DATE: 3-21-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- TO CR Site Name: Wow Other
Decision Unit: 100 8 Building No. Vertical Geoprobe No. 55 - 3
Sample Date: 7-21-13 Time: 11.75 m Weather: Cold 30 F Plc
Subsurface Herizontal Sample ID: 07950-021900-0001-50
Duplicate Sample ID:
Field Samplers: _ TH, FR, Cb
Tube A Time 11.27 Interval Drilled (ft bgs) : 1-4' Recovery (ft/in): 40''
Tube B Time 11:31 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 29"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs): Recovery (ft/in): Subcontractor (Name/Company): \[\bigcup_{\text{Res}} \] Remarks: \[\lambda_{\text{FVSWL}} \] Remarks: \[\lambda_{\text{FVSWL}} \] Ref \[\lambda_{\text{SS}} \]
Subcontractor (Name/Company): \(\bigcup_{\mathbb{Last}}\)
Subcontractor (Name/Company): Deash Remarks: Legysuc AT 6' 55
Subcontractor (Name/Company): \(\subseteq \text{Leftsnc} \text{ AT 6' \less \text{S}} \) Remarks: \(\left \text{Eftsnc} \text{ AT 6' \left \left \left \left \text{S}} \) Laboratory Analysis:
Subcontractor (Name/Company): Destile Remarks: Leftisme At 6' 55 Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANT
Subcontractor (Name/Company): Deash Remarks: Lefvanc At 6' SS Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANT FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN ORE	
Decision Unit: 1000 Building No. Vertical Geoprobe No.	. <u>SB-4</u>
Sample Date: 3-31-13 Time: 10.40am Weather: Coil 3e-F	P/c
Subsurface Horizontal Sample ID: 07950-0220m-001-50	
Duplicate Sample ID:	
Field Samplers: TU, FL, Li-	
Tube A Time 10:42 Interval Drilled (ft bgs): 1-4 Recovery	(ft/in): <u>48"</u>
Tube B Time 10:45 Interval Drilled (ft bgs): 4-7 Recovery	(ft/in): <u>32'</u>
	14. 11. 3
Tube C Time Interval Drilled (ft bgs) : Recovery	(ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery Subcontractor (Name/Company):	(ft/in):
	(ft/in):
Subcontractor (Name/Company): Dicasi	(ft/in):
Subcontractor (Name/Company): Dienst	
Subcontractor (Name/Company):	☐ PROPELLANTS
Subcontractor (Name/Company): Dicasit Remarks: Coac Az Sufecci " D. SAMPLE Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs	☐ PROPELLANTS
Subcontractor (Name/Company): Diest- Remarks: Coal Az Sufferc I'' D. SAMPLE Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pe	☐ PROPELLANTS



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 77 CR Site Name: WAND BITE
Decision Unit: 000 Building No Vertical Geoprobe No. $56-5$
Sample Date: 3-21-13 Time: 11:10 am Weather: Cold 3of Plc
Subsurface Hørizontal Sample ID: 07918-022/M-0001-50
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 11:13 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 47"
Tube B Time $\frac{11.14_{a}}{11.14_{a}}$ Interval Drilled (ft bgs) : $\frac{4-71}{11.14_{a}}$ Recovery (ft/in): $\frac{30''}{11.14_{a}}$
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dassit
Subcontractor (Name/Company):
07958 -0213 00150 - 6×12"
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-2\ -\7



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: Main OKE
Decision Unit: DU9 Building No Vertical Geoprobe NoSB-1
Sample Date: 3-19-13 Time: 8:56 Weather: Louis 30°F winnsy
VENTUL Subsurface Horizontal Sample D: 07958 - 02271.000 1.50 HORIZONTAL -4' 07958 - 02241.000 -50 4-7' 07958 - 022511-000 -50 Duplicate Sample D:
Duplicate Sample ID:
Field Samplers:TH_CG
Tube A Time 9:05 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 46 1
Tube B Time 907 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 24"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): DRASH
Subcontractor (Name/Company):\D\rackstruck \rackstruck \racks
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 49 CR Site Name: MAIN OFF
Decision Unit: DUG Building No. Vertical Geoprobe No. SB-2
Sample Date: 3-19-13 Time: 9:28 Weather: COLD 301F WINDY
Subsurface Florizontal Sample ID: 07950-0228m-0001-50
Duplicate Sample ID:
Field Samplers: TH, CG
Tube A Time 9.35 Interval Drilled (ft bgs) : 1-41 Recovery (ft/in): 4011
Tube B Time 9:36 Interval Drilled (ft bgs): 4-71 Recovery (ft/in): 30"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): DRASH
Subcontractor (Name/Company): DRASH
Subcontractor (Name/Company): DRASH Remarks:
Subcontractor (Name/Company): DRASH Remarks: Laboratory Analysis:
Subcontractor (Name/Company): DRASH Remarks: Laboratory Analysis: UVOC ATAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): DRASH Remarks: Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

Ravenna Army Ammunition Plant, Ravenna, Ohio

CR Site No. CC-RVAAP- 79 CR Site Name: Main Oli
Decision Unit: Nucl Building No. Vertical Geoprobe No. 58-3
Sample Date: 3-19-13 Time: 9.46 Weather: Cours 300 Winney
Subsurface Horizontal Sample ID: 07950-0229M-0001-50
Duplicate Sample ID:
Field Samplers: TH CG
Tube A Time 9:52 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 40 Recovery (ft/in): 40 Recovery (ft/in): 40 Recovery (ft/in): 40 Recovery (ft/in): 60 Rec
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DLASH
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-19-13

(Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

Ravenna Army Ammunition Plant, Ravenna, Ohio

CR Site No. CC-RVAAP- 79 CR Site Name: Main ORE
Decision Unit: DV9 Building No. Vertical Geoprobe No. 56-4
Sample Date: 3-19-13 Time: 10.05 Weather: Cour 30'F WINNY
Subsurface Horizontal Sample ID: 07950-0230m-0001-50
Duplicate Sample ID:
Field Samplers: TH, CL-
Tube A Time 10:12 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 44"
Tube B Time 1014 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 18" 18"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1) LASH
Remarks: COAL & 8" BUS SEAM APPROY 13" THICK
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
Laboratory Analysis: □ VOC
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)

(Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN OFE
Decision Unit: DV9 Building No. Vertical Geoprobe No. 58-5
Sample Date: 3-19-13 Time: 9.20 Weather: COUD 30'F WINNY
Subsurface Horizontal Sample ID: 07950-0231A-0061.50
Duplicate Sample ID:
Field Samplers: TH, CG
Tube A Time 9:21 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 40''
Tube B Time 9:24 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 31'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DRASH OISCRETE SAMPLES COLL: 07958-0232-0001-50 0-6 Remarks: 11 -0233-11=11 6-12
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-19-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Man Ore
Decision Unit: Dulo Building No Vertical Geoprobe No. SG-1
Sample Date: 3-21-13 Time: 10.03 Am Weather: (ol) 30°F P/C SNOW
Subsurface Horizontal Sample ID: 07958-02384-000/-50 HONI ZONTAL 1-4 07950-02344-000/-50 4-7 07150-02364-000/-50
9-7 07150- 0286m -0001-50 Duplicate Sample ID: \$1/-4' 67950-01505-000 1.50
Duplicate Sample ID: \$\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
Field Samplers: TK, FL, CG
Tube A Time 18:11 Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 40
Tube B Time 18:13 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 24''
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Deas 4
_
Subcontractor (Name/Company): Deas N
Subcontractor (Name/Company): Deas W Remarks: 45 USAC (6.5 DUST ONE & 3" 1) SAMPLE.
Subcontractor (Name/Company): Deas W Remarks: Activism (a) 6.5 Dust one e 3 Dust o
Subcontractor (Name/Company): Deas W Remarks: Activate (2 6.5 Dust one 23') Sample. Laboratory Analysis: VOC Deas W TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): Deas W Remarks: AF VSAC (6.5 Dust one 23') Sample. Laboratory Analysis: VOC DY TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- TS CR Site Name: MAIN CEE
Decision Unit: 0010 Building No. Vertical Geoprobe No. 56-2
Sample Date: 3-21-13 Time: 10:25 m Weather: Cold 300F Plc SNEW
Subsurface Horizontal Sample ID: 07958-0239m-000150
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 15:24 - Interval Drilled (ft bgs): 1 -4 Recovery (ft/in): 40"
Tube B Time i b: 5 3 k Interval Drilled (ft bgs): ユーフ Recovery (ft/in): ユタヴ
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Deasit
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: _ 3-71-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name: MANN OLE
Decision Unit: DU ID Building No. Vertical Geoprobe No. 58-3
Sample Date: 3-21-13 Time: 9.00 A Weather: Cours 30-F P/C SNOW
Subsurface Horizontal Sample ID: 07958-0240 m-0001-50
Duplicate Sample ID:
Field Samplers: Tは、アセ、CG-
Tube A Time 9:25 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 42"
Tube B Time 9.27 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 30"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dersit
Remarks: COAL DUST (?) UNE? 1st 3"
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
/ / 🗡



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN CRE
Decision Unit: DU 10 Building No Vertical Geoprobe No. 58 - 4
Sample Date: 3-21-13 Time: 9:35 Weather: Cold 30 F P/c SNCW
Subsurface Herizontal Sample ID: 09958-0241Mn 0001-10
Duplicate Sample ID:
Field Samplers: TH, FR, LL
Tube A Time $\frac{9.3\%}{}$ Interval Drilled (ft bgs) : $1-4$ Recovery (ft/in): $36'$
Tube B Time 9.41 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 24"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DPASH
Remarks: MAN DEVIK 6
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-21-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 75 CR Site Name: MAIN ORE
Decision Unit: 00 10 Building No Vertical Geoprobe No Vertical Geoprobe No
Sample Date: 3-71-13 Time: 4:48 Am Weather: Cold 30°F Plc swow
Subsurface Horizontal Sample ID: 07958 - 0242 M-000 1-Jo
Duplicate Sample ID:
Field Samplers: TH, FR, CH
Tube A Time 41 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 37"
Tube B Time 152 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 24"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dunsi
Subcontractor (Name/Company): Dunsil
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected RECORDED BY: DATE: 3 -71-13
RECORDED BY: DATE: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 15 CR Site Name: MAINGE
Decision Unit: DUI Building No. Vertical Geoprobe No. Sto-K
Sample Date: 3-70-13 Time: 5:15 pm Weather: Cow 30'f Lunny
SATICAL Subsurface Horizontal Sample ID: 0) 958 - 0249M - 000 -5:0 HORIZONTAL -4: 07958 - 0247M - 000 -5:0 HORIZONTAL -4: 07958 - 0247M - 000 -5:0 HORIZONTAL -4: 07958 - 0247M - 000 -5:0 HORIZONTAL -4: 07958 - 0324M - 000 -5:0 HORIZONTAL -4: 07958 - 03:0 HORIZONTAL -4: 07958 - 03:0
Duplicate Sample ID=1-4' 07919-0324m-0001-50
Field Samplers: 14, 156, 66
Tube A Time 5.20 p Interval Drilled (ft bgs) : 1-4/ Recovery (ft/in): 40"
Tube B Time 5'22 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 22"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1) vos ()
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
Q QA Sample Collected 4-7' 07958-0248M-0001-50
QA Sample Collected 4-3' 07918-0248m-0011-10
RECORDED BY: DATE: 3-2v-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-75 CR Site Name: MAIN SUE
Decision Unit: 001 Building No Vertical Geoprobe No53-2
Sample Date: 3-70-13 Time: 5:42 Weather: COUD 30'F winny
Subsurface Horizontal Sample ID: 07958-0250m-0001-50
Duplicate Sample ID:
Field Samplers: TH, FR, (G
Tube A Time 5-44 Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 44"
Tube B Time 5.47 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 29"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Will Mist
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN OLE
Decision Unit: 1011 Building No. Vertical Geoprobe No. 56-43
Sample Date: 3-20-13 Time: 4.39pg Weather: Cold 30 F WNDY SINEW
Subsurface Horizontal Sample ID: <u>07958-0251m-0001-50</u>
Duplicate Sample ID:
Field Samplers: TH, FR, (G
Tube A Time 4:41 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 44"
Tube B Time <u>4 イン</u> Interval Drilled (ft bgs) : <u>4 - 7</u> Recovery (ft/in): <u>3 で</u>
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1 LASIX
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MACH ELE
Decision Unit: 1001 Building No Vertical Geoprobe No
Sample Date: 3-20-13 Time: 5:55 Weather: Cold 36'F Wilway
Subsurface Horizontal Sample ID: <u>@7959 - 6252m · 000 1-50</u>
Duplicate Sample ID:
Field Samplers: TH FR CG
Tube A Time しこって Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 14
Tube B Time 6:10 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 294
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dunsit
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: WANN UKE
Decision Unit: 1011 Building No. Vertical Geoprobe No. 58-5
Sample Date: 370-13 Time: 4.55 pm Weather: COLD 30 F DINDY
Subsurface Horizontal Sample ID: 07958 - 0253m - 000 1-50
Duplicate Sample ID:
Field Samplers: TUFE, CG
Tube A Time 4:56 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 43"
Tube B Time 4.55 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 26"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1) Lass
Subcontractor (Name/Company): 1) LASI + OVCAER SAMPLES C-CL: Remarks: 6-12" BIL MAZOLIM + 07958-0254-0001-50 0-6 11 -0255- 11 6-12
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-20-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN OKE
Decision Unit: DUB Building No Vertical Geoprobe No
Sample Date: 3-19-13 Time: 10:30 Weather: COLO 30'F WINDY PC
Subsurface Horizontal Sample ID: <u>07958-0260M-0001-50</u> HORIZONTAL 1-4: 07958-0256M-0001-50 Duplicate Sample ID:
Duplicate Sample ID:
Field Samplers: 11 CG
Tube A Time 10.34 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 44"
Tube B Time 10:38 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): REFUSAL ZATTE
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): DRASH
Subcontractor (Name/Company): DRASH Remarks: 55 A7 4 REFUSAL NO 4-7' SAMPLE
Subcontractor (Name/Company): DRASH Remarks: 55 A7 4 REFUSAL NO 4-7' SAMPLE Laboratory Analysis:
Subcontractor (Name/Company): DRASH Remarks: SS A7 A REFLIAND NO A-7' SAMPLE Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
Subcontractor (Name/Company): DRASID Remarks: 55 A7 4 REFLIANT NO A-7' SAMPLE Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN URE
Decision Unit: <u>DV 12</u> Building No Vertical Geoprobe No. <u>53 - 2</u>
Sample Date: 3-15 Time: 11:15 Weather: (UL) 30F WINNY
Subsurface Hoffzontal Sample ID: 07958-02610-0001-50
Duplicate Sample ID:
Field Samplers: 11 Cl-
Tube A Time 11:19 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 44"
Tube B Time 11:23 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): NEC ACC 3
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DEAS H
Remarks: MAL SEAM 12" (NOST MATCHING PERSALAT 4' MALL 3 ATTPS
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- CR Site Name: MAIN CLE
Desiring that NUIZ post to a Number of T
Decision Unit: <u>DU12</u> Building No Vertical Geoprobe No. <u>\$6-3</u>
Sample Date: 3-14-13 Time: 11:57 m Weather: Now 30'F WINNY P/C
Subsurface Herizontal Sample ID: 0993-62620-0001-50
Duplicate Sample ID:
Field Samplers: 71+ (6-
Tube A Time 11.59 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 30"
Tube B Time 12:64 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): VIEC 2ATTO
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): \(\int\) FASH
Subcontractor (Name/Company): DRASH Remarks: Kofusmi @ 3.5' No KEC 2 ATTIS
Subcontractor (Name/Company): DRASH Remarks: Kofusul @ 3.5' No Kec 2 A7775 Laboratory Analysis:
Subcontractor (Name/Company): DEASH Remarks: KOFISAL @ 3.5' NO KEC 2-A1TIS Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): DEASH Remarks: Lotront @ 3.5 No Ke C 2 A1775 Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN ONE
Decision Unit: <u>ルパフ</u> Building No Vertical Geoprobe No. <u>5月- </u>
Sample Date: 3-15-13 Time: 11:35 km Weather: COLD 30F WINDY P/C
Subsurface Herizontal Sample ID: 07958-02634-000 1-50
Duplicate Sample ID:
Field Samplers: 74, Cb
Tube A Time 11:38 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 44"
Tube B Time 11:41 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 30"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DRASH
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: UMAIN UKE
Decision Unit: DV12 Building No Vertical Geoprobe No 53-5
Sample Date: 3-15-13 Time: 10:50 Weather: coup 30'F WINDY PC
Subsurface Horizontal Sample ID: 09950-0264m-000 1-50
Duplicate Sample ID:
Field Samplers: 1H CG
Tube A Time 10:53 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 44"
Tube B Time 18,55 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 12'', 13", NEEC
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 10 16 ASH
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): 10 16 ASH
Subcontractor (Name/Company): 10 RASH OISCRETE SAMPLES COLC: 07958-0265-0001-56 0-6 Remarks: REFISAL & 5' 3 ATTIS 55 IN ALL 11 -0266- 11 6-12
Subcontractor (Name/Company): 19 18 18 18 18 18 18 18 18 18 18 18 18 18
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN OLE
Decision Unit: DU 13 Building No. Vertical Geoprobe No. 53-1
Sample Date: 32013 Time: 8.58 mm Weather: LOUS 30F P/C
VERTIGIL Subsurface Horizontal Sample ID: 07958-0271M-0001-50 HAM/20NTAL 1-4', 02788-0267M-0001-50 4-7', 07958-0269M-0001-50 Duplicate Sample ID: 1-4' 57858-0322M-0001-50
Duplicate Sample ID: 1-4' 07450-0322M-0001-50
4-7' 07950-03231-0001-50
Field Samplers: 174 CG
Tube A Time 8:59 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 42"
Tube B Time 4,30 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 24"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): DENSIT
Subcontractor (Name/Company): Des III
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN OLE
Decision Unit: 10013 Building No. Vertical Geoprobe No. 33-2
Sample Date: 3-20-13 Time: 9.45 Weather: Cold 30'F P/C
Subsurface Herizontal Sample ID: 07950-0272m-0001-50
Duplicate Sample ID:
Field Samplers: 140
Tube A Time 9148 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48"
Tube B Time <u>952</u> Interval Drilled (ft bgs): <u>ペーナ</u> Recovery (ft/in): <u>Pt で 2 で 3 で</u>
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Drasit
Remarks: KEFUSINI HT 4 MCB. STULL OF 2" MATTO NO REC.
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
□ MS/MSD Sample Collected
☐ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- マウ CR Site Name: Mawote
Decision Unit: DV 13 Building No Vertical Geoprobe No \$\frac{53-\frac{4}3}{}\$
Sample Date: 3-20-13 Time: 11.22 Weather: Loud 30'F Plc
Subsurface Herizontal Sample ID: 07958-02)3M-000 - 50
Duplicate Sample ID:
Field Samplers: THICG
Tube A Time 11.27 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 44'
Tube B Time 11.30 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 30"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): Dessit
Subcontractor (Name/Company): Dessit
Subcontractor (Name/Company): Descrit Remarks:
Subcontractor (Name/Company): Describe
Subcontractor (Name/Company): Describer Describer
Subcontractor (Name/Company): Remarks: Laboratory Analysis: VOC



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Main OLE
Decision Unit: <u>DU 13</u> Building No Vertical Geoprobe No. <u>SB - X B4</u>
Sample Date: 3-20-13 Time: 11-04 Weather: Colo 300F
Subsurface Hofizontal Sample ID: 07958 -0274m - 000 1-50
Duplicate Sample ID:
Field Samplers: 14, Lb
Tube A Time 11:10 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 42"
Tube B Time 11:15 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 28'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1) KASIF
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-70-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN CLE
Decision Unit: <u>NV 13</u> Building No Vertical Geoprobe No. <u>58-5</u>
Sample Date: 3-20-13 Time: 10:34 Weather: Colly 30 F
いかれたの(Subsurface H orizon tal Sample ID: <u>07959 - 02)SM-0の1-10</u>
Duplicate Sample ID:
Field Samplers: TA, LL-
Tube A Time 10.48 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 381
Tube B Time 10.55 Interval Drilled (ft bgs): 47' Recovery (ft/in): 24'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Desit
Remarks: Language 6 6-12
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAINSTINATE
Decision Unit: DV Building No. Vertical Geoprobe No. 513-21
Sample Date: 3-2043 Time: 1.55 Weather: OND 30°F WINNY SNOW
VERTICAL Subsurface Horizontal Sample ID: 0)958-0280m-0001-50 HORIZONAL 1-4' 07958-0278m-0001-50
Duplicate Sample ID:
Field Samplers: The FL,CG
Tube A Time 3:15p Interval Drilled (ft bgs): 1-41 Recovery (ft/in): A 8"
Tube B Time 3:200 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 26
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): \text{Vess}
•
Subcontractor (Name/Company): \[\int \kappa \lambda \lambda \]
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 75 CR Site Name: MAIN OLE
Decision Unit: DULL Building No Vertical Geoprobe No
Sample Date: 3 20.13 Time: 2:24 pm Weather: (OLD 30' F WIND-) SNIM
Subsurface Horizontal Sample ID: 07958-0281 m-000 1-50
Duplicate Sample ID:
Field Samplers: TH, FL, LV
Tube A Time 2:26 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 40'
Tube B Time 233p Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 12'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time interval Diffied (it bgs) Kecovery (it) iii.
Subcontractor (Name/Company):
Subcontractor (Name/Company): Dvast
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): Deasth Remarks: Laboratory Analysis: UNOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAN ONE
Decision Unit: 1014 Building No Vertical Geoprobe No SB-3
Sample Date: 3-70-13 Time: 3.591 Weather: (000 30 F www 5000
Subsurface Horizontal Sample ID: 07958.0282M raw 1-50
Duplicate Sample ID:
Field Samplers: 14 FR, CL-
Tube A Time 4'62 Interval Drilled (ft bgs): 4' Recovery (ft/in): 4'
Tube B Time 4.05 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 3211
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1000000000000000000000000000000000000
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: Signature) DATE: 3 - 20 - 13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: WMIN UAE
Decision Unit: DUIA Building No. Vertical Geoprobe No. 55-4
Sample Date: 3-20-13 Time: 4.22 Weather: (ald 30'F WiND) PC
Subsurface Horizontal Sample ID: 07958-0283m-0001-50
Duplicate Sample ID:
Field Samplers: TH, FR, CV
Tube A Time 4:33 Interval Drilled (ft bgs) : 1-41 Recovery (ft/in): 42"
Tube B Time 4:35 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): No Recovery
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Duasit
Remarks: REFUSIN AT 4' 2A7185
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: (Signature) DATE: 3 20-13
RECORDED BY: DATE: 5 70 15



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN OXF
Decision Unit: DU14 Building No. Vertical Geoprobe No. 53-5
Sample Date: 370-13 Time: 3.47 Weather: Colo 30 F wwy Snow
VENTICAL Subsurface Horizontal Sample ID: 07958-0284m-0001-50
Duplicate Sample ID:
Field Samplers: Th, FK, (U-
Tube A Time 3.53 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48'
Tube B Time 3:55 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): N&c
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): DISCRETE SAMPLES COLL! O 2958-0285-0001-50 0-6 Remarks: Lefter At 4' 2 miles 11 -0286-11 6-12
Subcontractor (Name/Company):
Subcontractor (Name/Company): Remarks: Company Com
Subcontractor (Name/Company): Remarks: Company Com



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN OKE
Decision Unit: 10 15 Building No. Vertical Geoprobe No. 5B-/
Sample Date: 3-19-13 Time: 2.15 Weather: COLD 30°F WINNY SNOW
Subsurface Horizontal Sample ID: 67958-0289M.0101-50 HONIZONTAL 1-4' 07958-0287M-0001-50
Duplicate Sample ID:
Field Samplers: 7.4, 6.6
Tube A Time 2 20 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 44"
Tube B Time 2 24 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 26"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
N and
Subcontractor (Name/Company):
Subcontractor (Name/Company): Deas# Remarks:
Subcontractor (Name/Company): Deas# Remarks: Laboratory Analysis:
Subcontractor (Name/Company): CAS
Subcontractor (Name/Company): Remarks: Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 77 CR Site Name: Main Off
Decision Unit: 15 Building No. Vertical Geoprobe No. 53-2
Sample Date: 3-15-13 Time: 4 03 Weather: COLIS 304 W.MMY / PC 1/5,No.
Subsurface Horizontal Sample ID: 07958-02901-000 1-50
Duplicate Sample ID:
Field Samplers:
Tube A Time 4:10 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 3"
Tube B Time 1:12 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 28"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DEASH
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Signature) DATE: 3-19-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: HAIN OFF
Decision Unit: 10015 Building No. Vertical Geoprobe No. 56-3
Sample Date: 3-19-13 Time: 3:30 Weather: (old 30° F WINDY SNOW
Subsurface Horizontal Sample ID: 07958-0291m-0001-50
Duplicate Sample ID:
Field Samplers: TH, CG
Tube A Time 3:35 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 30"
Tube B Time 3.40 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): NEC 3
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: REFUSAL AT 4' ZATTOS NEC
Laboratory Analysis:
□ VOC 🕱 TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: MAIN OLE
Decision Unit: 015 Building No. Vertical Geoprobe No. 58 - 4
Sample Date: 3-15-13 Time: 2:40 Weather: Celis 30'F Winny Snow
Subsurface Herizontal Sample ID: 07958-0292m-0001-50
Duplicate Sample ID:
Field Samplers:THCU
Tube A Time 3.22 Interval Drilled (ft bgs): 14 Recovery (ft/in): 40"
Tube B Time 3:25 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 3/177/05
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):\(\int\) K AS
Remarks: REFIGNE AT 41 3 ATT US (CONC AT SURFACE)
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3 - 17 - 173



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-77 CR Site Name: MAIN OVE
Decision Unit: 10015 Building No Vertical Geoprobe No \$6 - \$5
Sample Date: 3-15-13 Time: Z' LS p.m Weather: (815) 30'F WINDY SNOW
Subsurface Horizontal Sample ID: 07958-0293M.0001-50
Duplicate Sample ID:
Field Samplers: T4, (i-
Tube A Time 2.32 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 39"
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in): 3 ("
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1) PASH
Remarks:
Laboratory Analysis:
□ VOC 🂢 TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 74 CR Site Name: MAIN 6 RE
Decision Unit: NVV Building No. Vertical Geoprobe No. 58-1
Sample Date: 3-20-13 Time: 12:15 Weather: Could 36 F WINN SMN
Subsurface Horizontal Sample ID: 07958-0298m-0001-50 FOR 12017AL 1-4: 07958-0296m-0001-50 4-2' 03950-0297m-0001-50 Duplicate Sample ID: 14: FR. (C. 297m-0001-50
Duplicate Sample ID: THE FRICE 0297M ~ 1001-50
Field Samplers:
Tube A Time 12:16 Interval Drilled (ft bgs): 1-9 Recovery (ft/in): 44"
Tube B Time 12.72 Interval Drilled (ft bgs): 4 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): Cessit
Subcontractor (Name/Company): DCASIL
Subcontractor (Name/Company): Drasit Remarks:
Subcontractor (Name/Company): Dessit Remarks: Laboratory Analysis:
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MAIN ORE STOME
Decision Unit: 16 Building No. Vertical Geoprobe No. 18-2
Sample Date: 3-20-13 Time: 1441 Weather: Coul 30 Non-Asson
Subsurface Horizontal Sample ID: 07958 - 6299m -060/-50
Duplicate Sample ID:
Field Samplers: TH, IR, CL
Tube A Time 1438 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 32
Tube B Time 1939 Interval Drilled (ft bgs): 4-6.5 Recovery (ft/in): 41
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): FRANTZ Remarks: REAWAL & 6.5 Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): FRANT2 Remarks: REFURAL_ ROBS Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name: _Mwn OVE
Decision Unit: 1016 Building No. Vertical Geoprobe No. 56-3
Sample Date: 3-20-13 Time: 2.04 FM Weather: COLD 30°F WINDY I SNEW
Subsurface Horizontal Sample ID: 07958-0300m.0001-50
Duplicate Sample ID:
Field Samplers: 114, FF, CL
Tube A Time 2.08 pm Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 48
Tube B Time 2:12 pm Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 30"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Densit
Remarks:
Laboratory Analysis:
Laboratory Analysis: □ VOC
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 71 CR Site Name: Min DRE
Decision Unit: DUL Building No Vertical Geoprobe No55-4
Sample Date: 3-20-13 Time: 1150pm Weather: COLO 30 F C W SNOW
Subsurface Horizontal Sample ID: O7958-0301m-001-10
Duplicate Sample ID:
Field Samplers: 14, FL, CG.
Tube A Time 1.52 Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 42"
Tube B Time 1.56 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): No LEC
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1 CASI
Remarks: 7,47115 REFUSAN AT 4' MAG DEPTH HIT SS.
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: MM NUCE
Decision Unit: WV16 Building No Vertical Geoprobe No. 53-5
Sample Date: 320-13 Time: 11:50 Weather: COLD 75 WWMY DIC
Subsurface Horizontal Sample ID: <u>07958-030270-0001-50</u>
Duplicate Sample ID:
Field Samplers: TH, FR, Cb
Tube A Time 11.52 Interval Drilled (ft bgs): 1.4' Recovery (ft/in): 40''
Tube B Time 11.54 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): NREC REFUNDAT
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time miter var brinied (it bgs) necovery (it/m).
Subcontractor (Name (Company): Otayl
Subcontractor (Name (Company): Otayl
Subcontractor (Name/Company): DIASIT Remarks: Refusal AT 4 ALI 3 HTTPS TO 4 07958-0309-00666
Subcontractor (Name/Company): DIASH Remarks: Refusal AT 4 ALI 3 HTTPS TO 4 07958-6 303-0001.50 Calif Laboratory Analysis:
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: 127 8t TF
Decision Unit: DU\Building No VerticalGeoprobe No
Sample Date: 3713 Time: 1152 Weather: Cold - 30" f P/C
Subsurface Horizontal Sample ID: 07958-0037M-000 FSO 1216 HORIZONIAL - 1-4' 07958-0033M-000 -50 1242 United Sample ID: 07958-0035M-000 -50 1244
Duplicate Sample ID:
Field Samplers: Thiple Rw
Tube A Time 11:63 Interval Drilled (ftbgs): 1-4 Recovery (ft/in): 40"
Tube B Time $\frac{11.55}{}$ Interval Drilled (ftbgs): $\frac{4-7}{}$ Recovery (ft/in): $\frac{32}{}$
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Drash
Remarks:
Laboratory Analysis:
□VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: / DATE: 3 - 27/3



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP3 CR Site Name: Pt 80 TF
Decision Unit: 100 Building No. VerticalGeoprobe No. 53-2
Sample Date: 3-23-13 Time: (2:07 Weather: Cold 36'F P/c
Subsurface Horizontal Sample ID: 87959-0038M-0001-50 1200
Duplicate Sample ID:
Field Samplers: THPLIEW
Tube A Time <u>12ルカ</u> Interval Drilled (ftbgs): ユーイ Recovery (ft/in): <u>46</u>
Tube B Time 12105 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 33"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): VrussW
Remarks:
Remarks:
Laboratory Analysis:
Laboratory Analysis: □VOC
Laboratory Analysis: □VOC ▼ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: M 80 75
Decision Unit: Decisi
Sample Date: 3-17-13 Time: 12:08 Weather: Cold Plc 30's
Subsurface Horizontal Sample ID: 07958 - 0039M - 0001-50 1229
Duplicate Sample ID:
Field Samplers: 74, FK, KW
Tube A Time 12110 Interval Drilled (ftbgs): 14 Recovery (ft/in): 45"
Tube B Time 1212 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 364
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
Laboratory Analysis: □VOC
□VOC ☐ TAL METALS □ SVOCs □EXPLOSIVES □ PCBs □ PROPELLANTS
□VOC ☐ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 27 86 TF
Decision Unit: Dol Building No. VerticalGeoprobe No. 4
Sample Date: 3-27-13 Time: 12114 p Weather: Cold 30 F P/c
Subsurface Horizontal Sample ID: 07958-0040M-0001-50 1238
Duplicate Sample ID:
Field Samplers: TH, FL, LW
Tube A Time 1272 Interval Drilled (ftbgs): 1-4' Recovery (ft/in): 44"
Tube B Time 12715 Interval Drilled (ftbgs): 4-7' Recovery (ft/in): 31"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Drugh
Subcontractor (Name/Company): \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Remarks:
Remarks:
Remarks: Laboratory Analysis: UVOC TAL METALS SVOCS SEXPLOSIVES PCBs PROPELLANTS
Remarks: Laboratory Analysis: □VOC



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 27 80 TF DV1 5 B-5
Decision Unit: DU \ Building No VerticalGeoprobe No S S S
Sample Date: 3-21-13 Time: 12127- Weather: <u>Coは 3.6</u> 年 りに
Subsurface Horizontal Sample ID: <u>B7959-0041M-001-50</u> /247
Duplicate Sample ID:
Field Samplers: TH, FR, ZW
Tube A Time 12.32 Interval Drilled (ftbgs): 1-4' Recovery (ft/in): 48"
Tube B Time 12:36 Interval Drilled (ftbgs): 4-7' Recovery (ft/in): 38"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Densit
Remarks:
Laboratory Analysis:
□VOC □ TAL METALS □ SVOCs □EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides) MS/MSD Sample Collected



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LT 80 TANK FARM
Decision Unit: 10∪2 Building No. VerticalGeoprobe No. SB-1
Sample Date: 3-27-13 Time: 11.38 Weather: Coid Sunny de
VERT Subsurface Horizontal Sample ID: 07958 -0648m -0061-50 1146 HORIZONTAL -1-4', 07958-0042m-0001-50 1144 4-7' 67958-0044m-0001-50 1150 Duplicate Sample ID:
Duplicate Sample ID:
Field Samplers:
Tube A Time 42 Interval Drilled (ftbgs): 1-4' Recovery (ft/in): 46'
Tube B Time $\frac{11743}{}$ Interval Drilled (ftbgs): $\frac{4-7}{}$ Recovery (ft/in): 38^{11}
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dras U
Remarks:
Laboratory Analysis:
□VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
□ MS/MSD Sample Collected COLL AT 1-4 07958-00491-0001-50 1144
QA Sample Collected
RECORDED BY: DATE: 3-27-13 (Signature)



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: RT 80 TANK FACM
Decision Unit: DV 2 Building No. VerticalGeoprobe No. 56-2
Sample Date: 3-27-13 Time: 11:08 M Weather: Cold Sunny C
Subsurface Horizontal Sample ID: 079 58 - 0647m -000 1-50 1133
Duplicate Sample ID:
Field Samplers: TH, FK, KW
Tube A Time 11:12 Interval Drilled (ftbgs): 1-4' Recovery (ft/in): 46'
Tube B Time 11:15 Interval Drilled (ftbgs): 4-7' Recovery (ft/in): 36"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Yuask
Remarks:
Laboratory Analysis:
□VOC ▼ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07458-0047M-0002-60
□ QA Sample Collected
RECORDED BY: DATE: 3-23-13



SUBSURFACESOIL ISM SAMPLING

${\bf 2011\ PBA\ ENVIRONMENTAL\ INVESTIGATION\ AND\ REMEDIATION\ AT\ 14\ CR\ SITES}$

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: RT Ve TANK FARM
Decision Unit: <u>Nu 2</u> Building No. VerticalGeoprobe No. <u>5B-3</u>
Sample Date: 3-77-13 Time: 10:55 Weather: ail Suny a
Subsurface Herizontal Sample ID: 0795B -0048m-6001-50 /112
Duplicate Sample ID:
Field Samplers:
Tube A Time 11202 Interval Drilled (ftbgs): 1-4/ Recovery (ft/in): 22'
Tube B Time 11,05 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 36
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Deas A
Remarks:
Laboratory Analysis:
□VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-27-13 (Signature)



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: RT 80 TANK PARM
Decision Unit: 107 Building No. VerticalGeoprobe No. 56-4
Sample Date: 3 27-13 Time: 16:42 Weather: Cold Sumy -C
Subsurface Herizontal Sample ID: 67958-0050M-0001-50 1100
Duplicate Sample ID:
Field Samplers: THIFR, RW
Tube A Time 10:5% Interval Drilled (ftbgs): 1-4' Recovery (ft/in): 36"
Tube B Time 10:53 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 36"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dessit
Remarks:
Remarks: Laboratory Analysis:
Laboratory Analysis:
Laboratory Analysis: □VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
Laboratory Analysis: □VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS ★ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: RT & Tank Facm
Decision Unit: 102 Building No. VerticalGeoprobe No. 58-5
Sample Date: 3-27-13 Time: 10:17 Weather: Cold Survey -C
Subsurface Herizontal Sample ID: 0995B-005[M-000]-50 1091
DSB 7-13' 07958-0052-0001-50 1081 Duplicate Sample ID:
Field Samplers: TH, FR, RW
Tube A Time 10.25 Interval Drilled (ftbgs): 1-4 Recovery (ft/in): 48"
Tube B Time 10:30 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 40"
Tube C Time 10:35 Interval Drilled (ftbgs): 1-13' Recovery (ft/in): 47"
Subcontractor (Name/Company): DxAsil-
Remarks:
Laboratory Analysis:
□VOC ☐ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-27-13 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Ore Pile Storage Area Area 2
Decision Unit: Oul Building No. Vertical Geoprobe No. SBOI
Sample Date: 3/21/13 Time: 1522 Weather: 40°, Oucst, W 5-10
Subsurface Horizontal Sample ID: 07958-8060M-8001-50 HORIZONTAL 1-4' 07958-0058M-0001-50 Duplicate Sample ID: 4-7' 07958-0059M-0001-50 DUP 1-4' 07958-0057M-0001-50 Field Samplers: 10 4-7' 07958-6059M-0001-50
Duplicate Sample ID: 4-7' 07958-0058M-000/-50
DUP 1-4 0 7959 - 0059M - 000 1-50 Field Samplers
FR, TS
Tube A Time Interval Drilled (ft bgs) : /- / Recovery (ft/in): 42
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): FANT
Remarks:
Laboratory Analysis:
□ VOC TO TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected 07958-0056m-0001-50 1-4 MATALS ONLY
RECORDED BY: MATE: 3/28/13 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Orc Dile Storage Are; Are 2
Decision Unit: Duol Building No. Vertical Geoprobe No. SB 62
Sample Date: 3/28/13 Time: 1512 Weather: 40°, Oucst, W 5-7
Subsurface Horizontál Sample ID: 07958-0061M-0001-30 1525
Subsurface Horizontal Sample ID
Duplicate Sample ID:
Field Samplers: FR, JS
Tube A Time / (5/ Interval Drilled (ft bgs) : (- 4 Recovery (ft/in): 48 *
Tube B Time 1455 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 36 "
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): FRONT 2
Subcontractor (Name/Company): FRONT 2 Remarks:
Subcontractor (Name/Company): FRONT 2 Remarks:
Subcontractor (Name/Company): FRONT \(\) Remarks:
Subcontractor (Name/Company): FRONT \(\) Remarks:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Ote Pile Stong Anc, Area 2
Decision Unit: Duol Building No. Vertical Geoprobe No. 5803
Sample Date: 3/28/13 Time: Weather: 40°, Oucst, WS-7
Subsurface Herizontal Sample ID: 07958-0062m-0001-50 1450
Duplicate Sample ID:
Field Samplers: FA JJ
Tube A Time / 1/35 Interval Drilled (ft bgs): /- 4 Recovery (ft/in):
Tube B Time 1439 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 🕉
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): From 2
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: M/D M DATE: 7/28/10



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>Ore Pile Storge Arec</u> ; Area?
Decision Unit: Duv Building No. Vertical Geoprobe No. SBOY
Sample Date: $3/28/13$ Time: $1/437$ Weather: 40° , $0 \cos k$, $5-7$
Subsurface Horizontal Sample ID: 07958-0063M - 0001-50
Duplicate Sample ID:
Field Samplers: FA, JJ
Tube A Time 1424 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 49°
Tube B Time 1424 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 36"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): From 2
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides) MS/MSD Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Ore Pile Storage Are, Area 2
Decision Unit: Dual Building No Vertical Geoprobe No. SBOS
Sample Date: 3/28/13 Time: 1800 Weather: 35°, Oucst wow 7, drace Sno
Subsurface Horizontal Sample ID: 07958-0064M-0001-50
Duplicate Sample ID: 07958-0075 -0001-50 1821
Field Samplers: Tr. FR.
Tube A Time 1/56 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48
Tube B Time 1464 Interval Drilled (ft bgs): $4-7$ Recovery (ft/in): 46
Tube C Time 1410 Interval Drilled (ft bgs): 7-10 Recovery (ft/in):
1911 10- 13 36 " Subcontractor (Name/Company):
Remarks: Rig Gayn Por - 2 h.s
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3/28/13



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 71 CR Site Name: Ore Pile Storge Ars, Are 2
Decision Unit: <u>Du 02</u> Building No. VerticalGeoprobe No. <u>S80/</u>
Sample Date: $3/28/17$ Time: Weather: 40° , 0.05° , 0.05° , 0.05° , 0.05° , 0.05°
Subsurface Horizontal Sample ID: 07958-0069M-0001-50 /615 FOR 120NTAL 1-4' 07958-0065M-0001-50 1711
Deliano Comp 10 4-7 07958-0067M-0001-50
DUP-1-4'0795B-0066M-0001-50 1711
Field Samplers: 4-7'07910-0068M-0001-10 1712
Tube A Time <u>//_o/</u> Interval Drilled (ftbgs) : <u>/ - Y</u> Recovery (ft/in): <u></u>
Tube B Time 1605 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 38"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Franz
Remarks:
Laboratory Analysis:
□VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY:



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Oce Pile Storage Ares Ares 2
Decision Unit: Du 2 Building No. VerticalGeoprobe No. 58-2
Sample Date: 3/28/13 Time: 1630 Weather: 40°, Oucst, w 7-10
VERT. Subsurface Horizontal Sample ID: 07950-0090 M-0001-50
Duplicate Sample ID:
Field Samplers: TS, FR
Tube A Time 16/6 Interval Drilled (ftbgs): 1-4 Recovery (ft/in): 48"
Tube B Time / 6 / 9 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 36"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Front Z
Remarks:
Laboratory Analysis:
□VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 0 795B-0070M-0002-50 1630
□ QA Sample Collected
RECORDED BY: DATE: 3/28/13 (Signature)



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Ore Pile 5 longe Ares, Are 2
Decision Unit: Du-2 Building No. VerticalGeoprobe No. 58-3
Sample Date: 3/28/13 Time: 1634 Weather: 40°, Oucst, 13 7-10
Subsurface Horizontal Sample ID: 07958-007 1M-000 1-50
Duplicate Sample ID:
Field Samplers: JJ', //L
Tube A Time 1627 Interval Drilled (ftbgs): 1.4 Recovery (ft/in): 48 *
Tube B Time 1631 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 39"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Frant 2
Remarks:
Laboratory Analysis:
□VOC □ TAL METALS □ SVOCs □EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3/28 /13



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: One Pile 5 krage Ara, Ara 2
Decision Unit: $\underline{Du-2}$ Building No. VerticalGeoprobe No. $\underline{SB-4}$
Sample Date: 3/28/13 Time: 1659 Weather: 40°, Ourst, W N 7-12
VIELT Subsurface Horizontal Sample ID: 07950-0072M-0001-50
Duplicate Sample ID:
Field Samplers: FA TS
Tube A Time 1639 Interval Drilled (ftbgs): 1-4 Recovery (ft/in): 48"
Tube B Time 1642 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 35 *
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Front 2
Remarks:
Laboratory Analysis:
□VOC ☐ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
\square MS/MSD Sample Collected $D \uparrow q f B - OO 12M - OOO 2 FO 1653$
QA Sample Collected 07950-0073M-0001-50 1653
RECORDED BY: DATE: 3/28/13



SUBSURFACESOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Dre Dile Stonge Ara, Are Z
Decision Unit: Du 2 Building No. VerticalGeoprobe No. 58-5
Sample Date: 3/28/13 Time: 1720 Weather: 40°, Oucst, W 7-12
Subsurface Horizontal Sample ID: 07958 -0074m-0001-50
Duplicate Sample ID:
Field Samplers:
Tube A Time 1701 Interval Drilled (ftbgs): 1~4 Recovery (ft/in): 46"
Tube B Time 1706 Interval Drilled (ftbgs): 4-7 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ftbgs) : Recovery (ft/in):
Subcontractor (Name/Company): Front
Remarks:
Laboratory Analysis:
□VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3/28/3



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: CC79 LL3 TSA
Decision Unit: DU Building No. Vertical Geoprobe No. 5/3 -/
Sample Date: 3-22-13 Time: 3-30pm Weather: Lod 30F C
Subsurface Herizontal Sample ID: $\frac{O79SB - O081M - 0001SO}{ISO}$ ISSO $\frac{100120MAL}{I-4'}$ $\frac{O79SB - 0076M - 0001SO}{O79SB - 0079M - 0001-SO}$ $\frac{1637}{I-4'}$ Duplicate Sample ID: $\frac{4-7'}{I-4'}$ $\frac{679SB - 0077M - 0001-SO}{I637}$
Field Samplers: M; FR, Cb OUPLIAME 4-7'07950-00 80M-0001-50 1642
Tube A Time 3.36 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48"
Tube B Time 3:34 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 38
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): ① LASI
Remarks:
Remarks: Laboratory Analysis:
Laboratory Analysis: □ VOC
Laboratory Analysis:
Laboratory Analysis: □ VOC



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: CC79 U3 TSA
Decision Unit: 100 Building No. Vertical Geoprobe No. 56-2
Sample Date: 3-12-13 Time: 3-40 p Weather: Cold 30-4
Subsurface Horizontal Sample ID: 07950-0082M-000150 1559
Duplicate Sample ID:
Field Samplers: 14 FRICT
Tube A Time 3.52p Interval Drilled (ft bgs): 1-A' Recovery (ft/in): 4/b'
Tube B Time 3.55 pm Interval Drilled (ft bgs): A-7 Recovery (ft/in): 381
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07950-0082M-0002-50 1559
RECORDED BY: (Signature) DATE: 3 12-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: CC 79 LL3 75A
Decision Unit: Du Building No Vertical Geoprobe No5B -3
Sample Date: 3-72-13 Time: A:20 pm Weather: Cold 30F C
Subsurface Horizontal Sample ID: 07950-0683m-000/-50 /633
Duplicate Sample ID:
Field Samplers: The FF, CL.
Tube A Time A: 12pm Interval Drilled (ft bgs): \ Recovery (ft/in): \ A2"
Tube B Time 4775 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 36"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): 🕦 🚧
Subcontractor (Name/Company): ①
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: CC 79 LL3 TSA
Decision Unit: 001 Building No Vertical Geoprobe No53-4
Sample Date: 372-13 Time: 4.18 cm Weather: Cold 30°F C
Subsurface Horizontal Sample ID: 07950-0084M-0001-50 1645
Duplicate Sample ID:
Field Samplers: WK, FK, LU
Tube A Time 4:31 Interval Drilled (ft bgs): \A' Recovery (ft/in):46''
Tube B Time 4.35 Interval Drilled (ft bgs) : 4-7 Recovery (ft/in): 36 "
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Dessit
Laboratory Analysis:
□ VOC ☐ TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-22-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: CC79 LL3 TSA
Decision Unit: 100 Building No. 3:59 Vertical Geoprobe No. 53-5
Sample Date: 371-13 Time: 1622 Weather: Cold 304C
Subsurface Horizontal Sample ID: 67958-0095M-000/-50
Duplicate Sample ID:
Field Samplers: TW, FR, Cb
Tube A Time 4:12 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 46"
Tube B Time 4:15 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks:
Laboratory Analysis:
□ VOC THE TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: (Signature) DATE: 3 22-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: U3 TSA 803
Decision Unit: 100-2 Building No. 803 Vertical Geoprobe No. 56-\$1
Sample Date: 3-23-13 Time: 13-54 0 Weather: Cold Mil 30-5
Subsurface Harizontal-Sample ID: 079513 - 009010-0001-10 1334 HOBIZONIAL 1-4' 079614-00914-0001-10 1409
Subsurface Herizontal-Sample ID: 0795B - 0090M-0001-50 1334 HORIZONAL 1-4' 0795B-008BM-0001-50 1409 Duplicate Sample ID: 4-7' 0795B-008BM-0001-50 1409
Field Samplers: 18 Ft. Cb 4-7' 07950-0084m-0001-50 1409 (OVP 084-7)
Tube A Time 13:16 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 42"
Tube B Time 13: 20 Interval Drilled (ft bgs): 4-71 Recovery (ft/in): 380
Tube C Time /3:25/ Interval Drilled (ft bgs): 7-15 Recovery (ft/in): 14"
Subcontractor (Name/Company): \(\int \tag{\psi} \tag{\psi}
Remarks: (on at Susan &" - Rassum & 8
Remarks: (on at Surme 8" - Rasum & 8 07958-0096-005/-50 1335 Laboratory Analysis: 7-8"
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected 07958-0094M-0001-50 COU 1-4' 1406
RECORDED BY: Mary DATE: 3-23-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 TSW 863
Decision Unit: 10-2 Building No. 863 Vertical Geoprobe No. 56-2
Sample Date: 3-73-13 Time: 17:54 p Weather: Cold MID 30'F
Subsurface Horizontal Sample ID: 07950-0091M-0001-50 13/9
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 17:58 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): A7"
Tube B Time 13:02 Interval Drilled (ft bgs): 4-71 Recovery (ft/in): 33"
Tube C Time 13.06 8 Interval Drilled (ft bgs): 7.13 Recovery (ft/in): 18"
Subcontractor (Name/Company): DRASH
Remarks: GUAVEL COAL & Sufface REPUSIN @ 8
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07953-0091-0002-80 1319
91 CA Sample Collected
RECORDED BY: DATE: 3-73-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 113 TSM 1803
Decision Unit: DU 2 Building No. 803 Vertical Geoprobe No. 55-3
Sample Date: 3-23-13 Time: 13: 38 Weather: Cold Min 30"P
Subsurface Horizontal Sample ID: 07958-0092m-000150 1356
Duplicate Sample ID:
Field Samplers: 7th, FR, LG
Tube A Time 13:12 Interval Drilled (ft bgs): 1-4/ Recovery (ft/in): 42"
Tube B Time 13/47 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 28"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): Dust
Remarks: (OM of Swime & Legran (a 6.5)
Subcontractor (Name/Company): Drussy Remarks: (OM of Surfuce & Legran (a 6,5) Laboratory Analysis:
Subcontractor (Name/Company): Drussy Remarks: (OPL AT SWIME & LEFRAL @ 6.5) Laboratory Analysis: VOC DE TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): Drast Remarks:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 113 754 863
Decision Unit: <u>DU-2</u> Building No. <u>903</u> Vertical Geoprobe No. <u>5B-4</u>
Sample Date: 3-23-13 Time: 13.50 g Weather: Cold Min 30°F
Subsurface Horizontal Sample ID: 07950-0093M-0001-50 1406
Duplicate Sample ID:
Field Samplers: 74 FR, CG
Tube A Time 13.56 p Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 36"
Tube B Time 14.61 Interval Drilled (ft bgs): 4-71 Recovery (ft/in): 36"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company):
Remarks: Cover Surface 87 - Reposal @ 6.5' 55
Subcontractor (Name/Company): Number Remarks: Cove of Surface 87 - Resusal & 6.5' 55 Laboratory Analysis:
Subcontractor (Name/Company): Name Remarks: Cover Surface 87 - Reposal & 6.5' 55 Laboratory Analysis: VOC TAL METALS SVOCS SEXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: U3 TSW 803
Decision Unit: DUZ Building No. 803 Vertical Geoprobe No. 58-15
Sample Date: 3-23-13 Time: 12:40 D Weather: Color MID 363 F
Subsurface Horizontal Sample ID: 07959-0095M-0007-50 1256
Duplicate Sample ID: 7-13 07958-0096-000150 1335-9
Field Samplers: 74 FL, Cb
Tube A Time $\frac{243}{\rho}$ Interval Drilled (ft bgs): $\frac{1-4}{\rho}$ Recovery (ft/in): $\frac{48}{\rho}$
Tube B Time 12:457 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 36"
Tube B Time 12:457 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 36" Liquid G 7 14 Tube C Time 12:457 Interval Drilled (ft bgs): 7-13 Recovery (ft/in): No Recovery (ft/in):
Subcontractor (Name/Company): Dust
Remarks: frayon M 7 201705 NO 1),5/3, GRAVER COLORE (2) at Sortina
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
Wish wish sample collected
☐ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: 113 3 TSA Building 803
Decision Unit: 103 Building No. 53 Vertical Geoprobe No. 58-1
Sample Date: 3-23-13 Time: 14:14 Weather: Cold 3605 MM Sunny
VERTICAL Subsurface Horizontal Sample ID: <u>B795B-0102M-0001-50</u> 1428 HORIZONML 1-4'6795B-0097M-0001-50 0936
Duplicate Sample ID: 4-7'07959-0100M-0001-50 0938
Field Samplers: 74, FR. (G 4-7'07958-010/m-000/-50 0938 DUP 01/4.
Tube A Time 14・ル Interval Drilled (ft bgs): 1 4 Recovery (ft/in): 44 1
Tube B Time 14.45 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 32"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube covery (14) miles (16 bgs) Recovery (14) miles
Subcontractor (Name/Company): Dunsik
Subcontractor (Name/Company): DUASIV
Subcontractor (Name/Company): DUASIL Remarks: Result 6.0 55
Subcontractor (Name/Company): Dunsit Remarks: Remarks: 6.0 55 Laboratory Analysis:
Subcontractor (Name/Company): DVASIV Remarks: VERSUL 6.0 55 Laboratory Analysis: UVOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 113 TSA Bidg 803
Decision Unit: Building No. 803 Vertical Geoprobe No. 53-7
Sample Date: 3-75-13 Time: 81.30 Weather: Cold Swew
Subsurface Horizontal Sample ID: 07958-903M-0001-50 0844
Duplicate Sample ID:
Field Samplers: 4 FL
Tube A Time $\frac{9^{132}}{100}$ Interval Drilled (ft bgs): $1-4^{1}$ Recovery (ft/in): 42^{1}
Tube B Time $\frac{9735}{1}$ Interval Drilled (ft bgs): $\frac{A-7}{1}$ Recovery (ft/in): $\frac{32}{1}$
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): DVASI+
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): Dyasi+
Subcontractor (Name/Company): DVASIT Remarks: Giave C 47 Surface 8" (BLL)
Subcontractor (Name/Company): DVASIT Remarks: Giave i an suarace B" (BLL) Laboratory Analysis:
Subcontractor (Name/Company): DVASIT Remarks: Giave C AT SURFACE B" (BLL) Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company): DVASI+ Remarks: GLAVE C AT SURFACE B" (BLL) Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 13 75 m Building 813
Decision Unit: 103 Building No. 803 Vertical Geoprobe No. 56-3
Sample Date: 7-23-13 Time: 14:52, Weather: Gld 3005 HID Sunny
Subsurface Herizontal Sample ID: 07950-0/04M-0001-50
Duplicate Sample ID:
Field Samplers: TAJFR, CG
Tube A Time 15:00 Interval Drilled (ft bgs): 1 -4' Recovery (ft/in): 46'
Tube B Time 15:05 Interval Drilled (ft bgs): 4-75 Recovery (ft/in): NOLEC
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): Dessit Remarks: GRAVEL AT SULFACE REFUSING 4.5' 7 ATTPS MAY DEPTH.
Subcontractor (Name/Company): Durst Remarks: Gravel at Sugar Resusance 4.5' 7 A 7785 May NEP14. Laboratory Analysis:
Subcontractor (Name/Company): Desit Remarks: General Refusion @ 4.5 7 A TTPS MAY METALE. Laboratory Analysis: UVOC TAL METALS USVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: U3 754 Bulling 967
Decision Unit: 1003 Building No. 603 Vertical Geoprobe No. 515-4
Sample Date: 3-13-13 Time: 15:09 Weather: Coil MIB 30'F Sunny
VEATIGIL Subsurface Horizontal Sample ID: 07950-0105M-0001-50 1527
Duplicate Sample ID:
Field Samplers: 14 FL, CG
Tube A Time 15:10 Interval Drilled (ft bgs): 1-4/ Recovery (ft/in): 28"
Tube B Time 15:12 Interval Drilled (ft bgs): 4 75 Recovery (ft/in): No 250
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: KEFUSHI 4.5' 3 ATTOS MAY DEPTH 2.5', 2', 4.5'
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-73-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 TSA Builling 813
Decision Unit: ၂၂၂၁ Building No. <u>%၆</u> Vertical Geoprobe No. <u>53-5</u>
Sample Date: 3-23-15 Time: 14:30. Weather: Cold Min 31 Fs Sung
Subsurface Horizontal Sample ID: 07958-0/060-0001-50 1456
Duplicate Sample ID:
Field Samplers: Th, FA, C6
Tube A Time <u>iA:33</u> Interval Drilled (ft bgs) : \ Recovery (ft/in):
Tube B Time Interval Drilled (ft bgs) : 4 7 3 Recovery (ft/in): MECNO LEC NO FEC
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Tube C Time Interval Drilled (ft bgs): Recovery (ft/in): Subcontractor (Name/Company): Drasit Remarks: Recovery (ft/in): Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs): Recovery (ft/in): Subcontractor (Name/Company): Drast Remarks: Arraya 3.5
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Tube C Time Interval Drilled (ft bgs): Recovery (ft/in): Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 113 TSA
Decision Unit: DV4 Building No Vertical Geoprobe No. Sb-1
Sample Date: 3-73-13 Time: 8:31 am Weather: COLO MID 30's F
Subsurface Herizontal Sample ID: HOR12 ONTAL 1-4' 07958-0107M-0001-50 1/20
Duplicate Sample ID: 4-7' 07950-0110m-0001-50 1137
Field Samplers: 74 FL. CU + 4-7' OUP 07950-011111-0001-50 1137
Tube A Time 8:38 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 43''
Tube B Time 8.40 Interval Drilled (ft bgs): 4-3 Recovery (ft/in): 12" 12"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): 1) rasif
Remarks: Letusiac @ 5' 217785.
Laboratory Analysis:
Laboratory Analysis: VOC TAL METALS SVOCS SEXPLOSIVES PCBs PROPELLANTS
□ VOC 17 TAL METALS □ SVOCS □ EXPLOSIVES □ PCBS □ PROPELLANTS
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 TSA
Decision Unit: 1004 Building No. Vertical Geoprobe No. 58-2
Sample Date: 3-23-13 Time: 5:55 am Weather: Caro Hyo 304
Subsurface Herizontal-Sample ID: 07950-0113M-0001-50 0925
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 9.02 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 40"
Tube B Time 97054 Interval Drilled (ft bgs): 4-5 Recovery (ft/in): 8° 13"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DVASIL
Remarks: REFUSING @ 5' 1st ATTH 4.5' 2" 5.0'
Laboratory Analysis:
□ VOC TAL METALS □ SVOCS □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: (Signature) DATE: 3-73-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- CR Site Name: LL3 750
Decision Unit: DUA Building No. Vertical Geoprobe No. SB 3
Sample Date: 3-23-13 Time: 9:30 Am Weather: Cold MID 30%
VEATION— Subsurface Horizontal Sample ID: 07958-6114n-0001-50 1031
Duplicate Sample ID:
Field Samplers: The FL, Cor
Tube A Time 10: 10 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 48''
Tube B Time 10:13 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 36'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): DeasH Remarks: Laboratory Analysis:
Subcontractor (Name/Company): DeasH Remarks: Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LU3 TS 14
Decision Unit: Dv 4 Building No. Vertical Geoprobe No. 53 -4
Sample Date: 3-73-13 Time: 10: 18 Am Weather: Coun Min 30 of
Subsurface Herizontal Sample ID: 07958-0/16/11-0001-50 1055
Duplicate Sample ID:
Field Samplers: TH, FR, Cir
Tube A Time 10:29 Interval Drilled (ft bgs): 1-43 Recovery (ft/in): 36"
Tube B Time 10-3+ Interval Drilled (ft bgs): 47 Recovery (ft/in): No Recovery
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Subcontractor (Maine) company):
Remarks: REGYSTAL 3 MT
Remarks: Remarks:
Remarks: KERVSAL STT Laboratory Analysis:
Remarks: Represent 3 MT Laboratory Analysis: U VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS
Remarks:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LU3 TSA
Decision Unit: NV Y Building No. Vertical Geoprobe No. 58-5
Sample Date: 3-23-13 Time: 10.58 pm Weather: COLD MID 304
Subsurface Herizontal Sample ID: 07958-0117M-000 +50 11/6
Duplicate Sample ID:
Field Samplers: TH, FR, CG
Tube A Time 11.18 m Interval Drilled (ft bgs) : 1 7 Recovery (ft/in): 42"
Tube B Time 11.13_{AL} Interval Drilled (ft bgs): $4-7^{1}$ Recovery (ft/in): 13^{11}
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Dicasil
Remarks: REASON @ 5' 2 MATTERS MAR DELTH 5'
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3-23-13 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: 113 7514
Decision Unit: DU 5 Building No. Vertical Geoprobe No. 513-1
Sample Date: 3-25-13 Time: 15:57 Weather: Nold 30°F Sunny
Subsurface Herizontal Sample ID: 07958-6/21M-000 / 50
Duplicate Sample ID: 4-7 07958-012011-0001-000150 DUP 01-4-750
Field Samplers: TH, FK, CL-
Tube A Time 15:59 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 3'
Tube B Time 16.02 Interval Drilled (ft bgs): 4.7 Recovery (ft/in): 10 FEC
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): $\frac{D(45)}{D(45)}$ HORIZWINL 1-4' 07958-0118M-0001-50 1168 Remarks: $\frac{1}{2}$ 4-7' 07958-0119M-0001-50 1/12
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-23-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 113 75A
Decision Unit: 105 Building No. Vertical Geoprobe No. 513-2
Sample Date: 3-25-13 Time: 9:40 Weather: 6 & Snow
Subsurface Horizontal Sample ID: 07958-0122M-0001-50 0958
Duplicate Sample ID:
Field Samplers: Th FR
Tube A Time 4:44 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 44'
Tube B Time 9:46 Interval Drilled (ft bgs): 4-3 Recovery (ft/in): 72"
T. C. T
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Cruver & BIK Surface (forme 5 55
Subcontractor (Name/Company): Drash
Subcontractor (Name/Company): Deast Remarks: Outver & BIK Surface (Lawre & 5 1 55) Laboratory Analysis:
Subcontractor (Name/Company): Deasth Remarks: Cruvel & BIK Surface (Lawre 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Subcontractor (Name/Company): Drask Remarks: Cruvet & Bit Surface (Lawre 5 5 5) Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: U3 TSA
Decision Unit: DUS Building No. Vertical Geoprobe No. 5B-3
Sample Date: 3 75-13 Time: 10:00 AM Weather: Cold Snow
Subsurface Horizontal Sample ID: 07958-0123M-0001~0 1015
Duplicate Sample ID:
Field Samplers: TA FR
Tube A Time 10.0년 Interval Drilled (ft bgs) : 1년 Recovery (ft/in): 44년
Tube B Time 10:06 Interval Drilled (ft bgs): 4-37 Recovery (ft/in): 10
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Lerusac e 5 ' 55
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- CR Site Name: LU3 TSW
Decision Unit: 95 Building No. Vertical Geoprobe No. 58
Sample Date: 3-25-13 Time: 1100 mm Weather: Cold 300F SNOW
Subsurface Horizontal Sample ID: 0)950-0124M-0001-50 1110
Duplicate Sample ID:
Field Samplers: 74 CR
Tube A Time 11:04 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 44
Tube B Time 11:06 A Interval Drilled (ft bgs): 4-8,5 Recovery (ft/in): 24.5"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: 6,51 LEASAC @ 55
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-25-13 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP-79 CR Site Name: U.3 754
Decision Unit: DUX Building No. Vertical Geoprobe No. 58-4
Sample Date: 3-25-13 Time: 10.24 Weather: Cold Snow
Subsurface Horizontal Sample ID: 07956-0 25m-000/-50 1053
Duplicate Sample ID:
Field Samplers: THE
Tube A Time 16: 30 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 42"
Tube B Time 10:32 Interval Drilled (ft bgs): 4-31 Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Drush
Subcontractor (Name/Company): DrusH Remarks: Lensur 5' 55
Remarks: Lensur & 5' 55
Remarks: Lensing 5' 55 Laboratory Analysis:
Remarks: LCMSMC 5 55 Laboratory Analysis: UVOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS
Remarks: LCMSMC 5 ' 55 Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 TSA
Decision Unit: Duc Building No Vertical Geoprobe No53/
Sample Date: $3/25/13$ Time: Weather: 35° 5_{new}
Subsurface Horizontal Sample ID: 07958-0129M-0001-50 1725' HORIZONTAL 1-4' 07958-0126M-0001-50 1728
MORIZONTA 1-4'0795B-0126m-0001-50 1728
Duplicate Sample ID: 4-7 07950-0128m-0001-50 1720
4 1-4'07950-0127M-000/-50 1728
Field Samplers: 4/4, FA
Tube A Time 1720 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 46"
Tube B Time 1722 Interval Drilled (ft bgs) : 4-8 Recovery (ft/in): 5 1
Tube C Time 1725 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 48" Reference 4'3
Subcontractor (Name/Company):
Remarks: Relissof 51, 2. Heigh; Slag greet @ School
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3/25/13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name: _ LL 3 T S A
Decision Unit: Duc Building No Vertical Geoprobe No
Sample Date: 3/25/13 Time: 1715 Weather: 35° 5000
Subsurface Harizontal Sample ID: 0795B-0130M-000 1-50 1735
Duplicate Sample ID:
Field Samplers:
Tube A Time 1708 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 38"
Tube B Time 713 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 0
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Retuse 0 4; Blue-gray slag gravel and Black Slaggar
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: Mary DATE: 3/25/12 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 TSA
Decision Unit: _Du & Building No Vertical Geoprobe NoSB_3
Sample Date: 3/25/13 Time: 1655 Weather: 35 Snew
Subsurface Horizontal Sample ID: 69958 -013/M-0001-50 1658
Duplicate Sample ID:
Field Samplers:
Tube A Time 1650 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 42 40'
Tube B Time 455 Interval Drilled (ft bgs): 4-7 Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): Frm2
Subcontractor (Name/Company): Franz
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 TSA
Decision Unit: DUG Building No. Vertical Geoprobe No. SBY
Sample Date: 3/25/13 Time: 1650 Weather: 35° 5 000
Subsurface Horizontal Sample ID: 07958-0132M-000/50 /652
Duplicate Sample ID:
Field Samplers: 7/4, F/L
Tube A Time 16 40 Interval Drilled (ft bgs) : 1-4' Recovery (ft/in): 42 "
Tube B Time 1043 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 0
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Front
Remarks: Relusal (2 4', 5/29 gravel @ sufface
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: 1 fr 1 m DATE: 3/25/13 (Steinsture)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 75 CR Site Name: LL3 75A
Decision Unit: Dub Building No. Vertical Geoprobe No. 58 5
Sample Date: 3/25/13 Time: 1705 Weather: 35 5
Subsurface Horizontal Sample ID: 07958-0133M-000/50 17/0
Duplicate Sample ID:
Field Samplers: 14, 12
Tube A Time 1624 Interval Drilled (ft bgs): 6-4' Recovery (ft/in): 44"
Tube B Time <u>ル3</u> Interval Drilled (ft bgs): <u> 4-7</u> Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Refusi Q 4'; Slag grad @ surface
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: John Am DATE: 3/25/19 (Stephature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 + SA
Decision Unit: Du 7 Building No. 1547 Vertical Geoprobe No. 58/
Sample Date: 3/25/13 Time: 1627 Weather: 35 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Subsurface Horizontal Sample ID: 0795B-0136M-0011-50 1631 HORIZAMON 1-4'0795B-0134M-0001-50 1630
Duplicate Sample ID: 4-7' 07958-0135M-0001-50 1632
Field Samplers: 1/4, 12
Tube A Time 1615 Interval Drilled (ft bgs): 1-41 Recovery (ft/in): 44"
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): FRANTC
Subcontractor (Name/Company): FRANTE Remarks: Debest Q 41, 2 a Hrysts
Subcontractor (Name/Company): FRANTC Remarks: Debest Q 41, 2 a Hrapts Laboratory Analysis:
Remarks: Debesul (2 4, 2 & trupts
Remarks: Debese (2 4, 2 a fragets Laboratory Analysis:
Remarks: Debest (2 4 , 2 a fragets Laboratory Analysis: UVOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Remarks: Debest (D. 44, D. a. Fragets Laboratory Analysis: □ VOC



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3 75</u> A
Decision Unit: <u>Du7</u> Building No. <u>1547</u> Vertical Geoprobe No. <u>582</u>
Sample Date: 3/25/13 Time: 1600 Weather: 35 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Subsurface Horizontal-Sample ID: 07958-0137m-0001-50 1601
Duplicate Sample ID:
Field Samplers:
Tube A Time 1547 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 42"
Tube B Time 1555 Interval Drilled (ft bgs): 4-7' Recovery (ft/in): 20"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company):
Subcontractor (Name/Company): Remarks: Remarks: Company Compa
Subcontractor (Name/Company): Remarks:
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

113 TSA
CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3 T5A</u>
Decision Unit: <u>Du7</u> Building No Vertical Geoprobe No. <u>\$B3</u>
Sample Date: 3/25/13 Time: 1534 Weather: 35° 5100
Subsurface Herizontal Sample ID: 07958-0138m-0001-50 1545
Duplicate Sample ID:
Field Samplers: 14, FA
Tube A Time 1537 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 42"
Tube B Time 1531 Interval Drilled (ft bgs): 84-3 Recovery (ft/in): 18"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Front
Remarks: Relux @ 5.5'
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
CA Sample Conected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 75A
Decision Unit: Du 7 Building No. Vertical Geoprobe No. 38 4
Sample Date: 3/25/13 Time: 1511 Weather: 30' 500
Subsurface Horizontal Sample ID: 09958-0139M-000/-50 1529
Duplicate Sample ID:
Field Samplers: YH, FR
Tube A Time /ケル Interval Drilled (ft bgs) : _ /- リー Recovery (ft/in): _ ソス "
Tube B Time 15 2 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 6
Tube C Time Interval Drilled (ft bgs): Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company): FAM2
Subcontractor (Name/Company):FAGNT2
Subcontractor (Name/Company):FNONTZ Remarks:Russel @ 4' 2 + nys.
Subcontractor (Name/Company): Franz Remarks: Russ Q 4' 2 frys. Laboratory Analysis:
Subcontractor (Name/Company): FNOW? Remarks: Plus Q 4' 2 + ~7; Laboratory Analysis: VOC PATAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides) MS/MSD Sample Collected
Subcontractor (Name/Company): FNAM2 Remarks: Re



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 7 5A
Decision Unit: Du Building No. Vertical Geoprobe No. 57
Sample Date: 3-25-13 Time: 1500 Weather: 30 F, Show
Subsurface Horizontal Sample ID: 07958-0141M-0001-50 1512
Duplicate Sample ID:
Field Samplers: TH, FA
Tube A Time 1452 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 36"
Tube B Time 1457 Interval Drilled (ft bgs): 4-5 Recovery (ft/in): 16
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Despt
Remarks: Rebusil Q 5' Sky grant @ surlice
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: (Structure) DATE: 3/25/13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: U.3 75A
Decision Unit: 00% Building No. Vertical Geoprobe No. 58-1
Sample Date: 3-25-13 Time: 1430 Weather: Cold 30 of Snow
Subsurface Harizontal Sample ID: HORIZONTAL 1-4 07958-0142M-000 1-50 1430
Duplicate Sample ID: 4-7' 07959-0143m-000 jsse 1430
Field Samplers: THER
Tube A Time 1427 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 38"
Tube B Time NUO Interval Drilled (ft bgs) : 4-7' Recovery (ft/in): Recovery
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in): Subcontractor (Name/Company):
Subcontractor (Name/Company): \\Dussit
Subcontractor (Name/Company): Nursh Remarks: 2 (1-x) (2 4')
Subcontractor (Name/Company):
Subcontractor (Name/Company): Deast
Subcontractor (Name/Company): Drash Remarks: 2 4' Laboratory Analysis: VOC TAL METALS SVOCs EXPLOSIVES PCBs PROPELLANTS FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CD Site No. CS DVAAD 75. CD Site Name 1, 7 75 A
CR Site No. CC-RVAAP- 75 CR Site Name: LL3 75A
Decision Unit: DU8 Building No. Vertical Geoprobe No. 53-2
Sample Date: 3-25-13 Time: 1000 Weather: Coil Swaw
Subsurface Herizontal Sample ID: 07958-0145M-0061-50 1415
Duplicate Sample ID:
Field Samplers: 74 FR
Tube A Time Air Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 38
Tube B Time 14.05 Interval Drilled (ft bgs) : $4-75$ Recovery (ft/in): 15
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company):
Remarks: Revige 5
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 3- 25 - 13 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 113 TSA DUB 5
Decision Unit: Dub Building No. Vertical Geoprobe No. 58-3
Sample Date: 3-25-13 Time: [1:21] Weather: Cold 30 F 9NOW
Subsurface Horizontal Sample ID: 07958-0146M-0001-50 1130
Duplicate Sample ID:
Field Samplers: 7H, FR
Tube A Time 11:23 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 46"
Tube B Time 11:25 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 25"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): VilAsik
Remarks: 6.5 LEFISH @ 55
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 3-25-13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: LL3 754
Decision Unit: 1008 Building No. Vertical Geoprobe No. 53
Sample Date: 3-25-13 Time: 11:35 Weather: Cold 30 of Swaw
Subsurface Horizontal Sample ID: 07958-0147M-2001-50 1145
Duplicate Sample ID:
Field Samplers: 74 ,FR
Tube A Time 11.36 Interval Drilled (ft bgs): 1-9 Recovery (ft/in): 44
Tube B Time 11:38 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 29"
Table C. Time
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): V KASA
Subcontractor (Name/Company): V KMS A
Subcontractor (Name/Company): V KASA Remarks: Legiswe @ 6.5 55
Subcontractor (Name/Company): V KASA Remarks: LCF 1541 @ 6.5 55 Laboratory Analysis:
Subcontractor (Name/Company): V KASA Remarks: LCF 15 WL @ 6.5 55 Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Subcontractor (Name/Company):



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 754
Decision Unit: 008 Building No. Vertical Geoprobe No. 58-5
Sample Date: 3-25-13 Time: 11:53 Weather: Cold 30 F Swee
Subsurface Horizontal Sample ID: 07958-0148M-0001-50 1210
Duplicate Sample ID:
Field Samplers: TV, FR
Tube A Time 11:56 Interval Drilled (ft bgs): 1-4' Recovery (ft/in): 44
Tube B Time 11.5° Interval Drilled (ft bgs): $4-7'$ Recovery (ft/in): $3e^{11}$
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): DKASH
Remarks: 4,5 1 1st 5.5 2000 AFFRENCE 6 5.5
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>CC 79 - Arca 8</u>
Decision Unit: <u>6/</u> Building No Vertical Geoprobe No. <u>SB/</u>
Sample Date: 4/1/13 Time: 1008 Weather: 34°, Mstly Cley, 11. 5000
Subsurface Horizontal Sample ID: 00795B-19/1 06795B-10/1 0c 795B-1249A
Duplicate Sample ID: 6079 58 - 164 0001 - 50 00 79 58 - 13m
Field Samplers: FR, JS
Tube A Time 10^2 Interval Drilled (ft bgs): $1-4$ Recovery (ft/in): 24^2
Tube B Time 1006 Interval Drilled (ft bgs): $9-7$ Recovery (ft/in): 29^{4}
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected 07958-0012M-0001-50 1007
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: Arts 8
Decision Unit: Duol Building No. Vertical Geoprobe No. 58-2
Sample Date: 4/1/3 Time: 10d Weather: 35°, Oust, Snow, 5-10
Subsurface Horizontal Sample ID: Ooth SB-15M, M5/NSD
Duplicate Sample ID:
Field Samplers:
Tube A Time <u>CG46</u> Interval Drilled (ft bgs) : <u>/-4</u> Recovery (ft/in): <u></u>
Tube B Time 6950 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 35 "
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): From 2
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07958-0015-000250
□ QA Sample Collected
RECORDED BY: DATE: 4/1/3



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Ace 8 ingt Storage
Decision Unit: o(Building No Vertical Geoprobe No
Sample Date: $\frac{4/1/13}{1}$ Time: $\frac{0915}{1}$ Weather: 34° 0.165° , 5.100
Subsurface Horizontal Sample ID: $000/6000/-50$
Duplicate Sample ID:
Field Samplers: F. Roch, J. Scott
Tube A Time 6461 Interval Drilled (ft bgs): /- Y Recovery (ft/in): 43"
Tube B Time <u>0563</u> Interval Drilled (ft bgs): <u>4-7</u> Recovery (ft/in): <u>48</u>
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected RECORDED BY: DATE: 4/1/13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Avec 8
Decision Unit: <u>Duol</u> Building No Vertical Geoprobe No. <u>50 - 4</u>
Sample Date: 4/1/3 Time: 6424 Weather: 34°, Overt; 1/ 5100, w 5-10
Subsurface Horizontal Sample ID: 00795B-007M-0001-50
Duplicate Sample ID: 0079 513 - 18/1- 6/4 - 0679 53-20/11-FD
Field Samplers: _FR, JS
Tube A Time <u>7913</u> Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 45
Tube B Time 6916 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 45
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Fron/z
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
QA Sample Collected KULL SUTTK ON QA 07958-00 18m. 000 +50
RECORDED BY: DATE: 4/1/13



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Arta 8
Decision Unit: 106 Building No. Vertical Geoprobe No. 595
Sample Date: 4/1/3 Time: 0445 Weather: 35°, Pt. Cldy, 1+5now
Subsurface Horizontal Sample ID: 60795B-19A-0101-50
Duplicate Sample ID:
Field Samplers: FR, JS
Tube A Time 634 Interval Drilled (ft bgs) : 1-4 Recovery (ft/in): 35 "
Tube B Time $\frac{0938}{}$ Interval Drilled (ft bgs) : $\frac{4}{7}$ Recovery (ft/in): $\frac{46}{}$
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Front 2
Subcontractor (Name/Company): Front Z Remarks:
Remarks:
Remarks:
Remarks: Laboratory Analysis: VOC TAL METALS SVOCS EXPLOSIVES PCBs PROPELLANTS
Laboratory Analysis: □ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Area 8
Decision Unit: DUZ Building No. Vertical Geoprobe No. SB 2 58/
Sample Date: 4/1/13 Time: 1/29 Weather: 35, M5H4 Cldy 135-10
Sample Date: 4/1/13 Time: 1/29 Weather: 35°, MsHy Cldy W5-16 VERTILAL 0079 SB-24 NS/NSD, 1-4002(M 4-7) Subsurface Horizontal Sample IDs 60745B 24 MS/MSD, 06745B-100
Duplicate Sample ID: 00745B-11, 00745B-12 00745B-23M
Field Samplers: FR, JS, RW
Tube A Time 118 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 40 "
Tube B Time 1122 Interval Drilled (ft bgs): 4-7 Recovery (ft/in): 48
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
- A .
MS/MSD Sample Collected $67958-0048m-0002-50$
MS/MSD Sample Collected $67956-0045m-0002-50$ QA Sample Collected



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Area 8, Track Storage
Decision Unit: <u>Du 62</u> Building No Vertical Geoprobe No. <u>Sp - 2</u>
Sample Date: $\frac{9/1/13}{1}$ Time: $\frac{1023}{1023}$ Weather: $\frac{35^{\circ}}{100}$ Mskly $\frac{1023}{100}$
Subsurface Herizontal Sample ID: 007958-00 57 -0001-50
Duplicate Sample ID:
Field Samplers: FR TS
Tube A Time 10/2 Interval Drilled (ft bgs): 1-4 Recovery (ft/in): 56 "
Tube B Time 1618 Interval Drilled (ft bgs): $4-7$ Recovery (ft/in): 45
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE: 4/1/13 (Signature)



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Area 8
Decision Unit: DUZ Building No Vertical Geoprobe No. <u>\$3-3</u>
Sample Date: 4/1/13 Time: 10823 Weather: 350, Mg/ly Cky, 17. Snow, 5-10
Subsurface Horizontal Sample ID: 0074513-26/1-1037
Duplicate Sample ID:
Field Samplers: FR RW
Tube A Time 1028 Interval Drilled (ft bgs): $1-9$ Recovery (ft/in): 95
Tube B Time $\frac{103}{}$ Interval Drilled (ft bgs) : $\frac{4-7}{}$ Recovery (ft/in): $\frac{48}{}$
Tube C Time Interval Drilled (ft bgs): Recovery (ft/in):
Subcontractor (Name/Company): Front
Remarks:
Laboratory Analysis:
□ VOC ☐ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
☐ QA Sample Collected
RECORDED BY: DATE:



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: Ara 8
Decision Unit: 1) u 2 Building No Vertical Geoprobe No
Sample Date: 4/1/13 Time: 11/2 Weather: 35°, MsHy Cldy, W5-10
Subsurface Horizontal Sample ID: 0679513-00271M-000 (-50
Duplicate Sample ID:
Field Samplers: FR, TS, RLS
Tube A Time $1/63$ Interval Drilled (ft bgs) : $1/4$ Recovery (ft/in): $34''$
Tube B Time 1107 Interval Drilled (ft bgs): 42 Recovery (ft/in): 46"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
Corded By: Signature) DATE: 4/1/3



SUBSURFACE SOIL ISM SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 74</u> CR Site Name: Are 8
Decision Unit: DM2 Building No Vertical Geoprobe NoSB 5
Sample Date: $4/1/17$ Time: Weather: 35° , $M, H, Cld, 1 \omega 5-10$
Subsurface Horizontal Sample IDs 06795B-28M 06795B-29M-7-13 DSB
Duplicate Sample ID:
Field Samplers: FR, JS, RW
Tube A Time 1040 Interval Drilled (ft bgs): $1-9$ Recovery (ft/in): 45^{-}
Tube B Time $\sqrt{044}$ Interval Drilled (ft bgs): $\sqrt{4-7}$ Recovery (ft/in): $\sqrt{48}$
Tube C Time $\frac{10.49}{105.3}$ Interval Drilled (ft bgs): $\frac{7-6}{100-13}$ Recovery (ft/in): $\frac{48.6}{50.4}$
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
□ QA Sample Collected
RECORDED BY: DATE: 5 4/1/25 (Signature)



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 29</u> CR Site Name: <u>MSA</u>
Decision Unit: BUNA Building No Vertical Geoprobe No. SB 101
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4-8-15 Time: 1/06 Weather: CLOSOF, RAINT, 50'S
Subsurface Sample ID: <u>0795B-0339M-0001-50</u>
Duplicate Sample ID:
Tube A Time 105 Interval Drilled (ft bgs) 25 Recovery (ft/in): 36
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: FR KP
Subcontractor (Name/Company):Frontz
Remarks: REFUSAL AT 3.1 - RE-DAILLED 3 ATTEMPTS -REFUSAL
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07958-0339m-0002-50
RECORDED BY: 15 Mary DATE: 4-7-15 Signature)



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name:
Decision Unit: BUNA Building No Vertical Geoprobe NoSB /02
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete Composite
Sample Date: 4-8-15 Time: 1130 Weather: CLOOK, RAINV, 50'S
Subsurface Sample ID: <u>0) 958 - 634(m - 0001 - 50</u>
Duplicate Sample ID: 07956-0351M -0001-50
Tube A Time //25 Interval Drilled (ft bgs) 6-42 Recovery (ft/in): 86
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: Fn, kp
Subcontractor (Name/Company):Frontz
Remarks: REFUSAL AT 4.2 FT - RE-PAILLAD 3 ATTEMPTS - NEPUSAL
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected 07950-0341m-0002-10
RECORDED BY: 15 Mary DATE: 4-7-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision Unit: BUNA Building No Vertical Geoprobe No Vertical Geoprobe No
Subsurface Sample Type: ☐ Horizontal ISM ☒ Vertical ISM ☒ Discrete ☐ Composite
Sample Date: 4-8-15 Time: 1627 Weather: CLOVOV, RAINV, 505
Subsurface Sample ID: <u>0) 958 - 6352m - 0001-50</u>
Duplicate Sample ID:
Tube A Time <u>/ クと</u> Interval Drilled (ft bgs) <u>タスノ</u> Recovery (ft/in): <u> </u>
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers:
Subcontractor (Name/Company):Frontz
Remarks: APRIVSPL AT 2.5' - 3APPRINTED TO ADVANCE - PREVIOUS VOL COLL . AT 1.5 PT
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: A Mary DATE: 4-7-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision Unit: BUNA Building No Vertical Geoprobe No Vertical Geoprobe No
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4-8-15 Time: 0957 Weather: CLOOP, RAINY, 505
Subsurface Sample ID: <u>0795B - 0353M - 0001-50</u>
Duplicate Sample ID:
Tube A Time <u>0955</u> Interval Drilled (ft bgs) : 2 FF Recovery (ft/in): 26
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: M. G., Alw
Subcontractor (Name/Company): Frontz
Remarks: ATRYSAL AT 25 - 2 ATIENTS TO ADVANCE - PRAVIAL VOE COLL AT 1.5'
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Aff D mm DATE: 4-8-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 29 CR Site Name:
Decision Unit: 194 NA Building No Vertical Geoprobe No Vertical Geoprobe No Vertical Geoprobe No SB /05
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete JA 4-18-15
Sample Date: 4-8-15 Time: 1130 Weather: CLOUNT, RAINT, 50'S
Subsurface Sample ID: 07958-0354M-0001-50
Duplicate Sample ID:
Tube A Time 1/25 Interval Drilled (ft bgs)@ 35 Recovery (ft/in): 39"
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: MG, MW
Subcontractor (Name/Company): Frontz
Remarks: ARFUSAL AT 3.5' - 3 ATTEMPTS TO ADVANCE - PREVIAL VOL COLL AT 2 FT
Laboratory Analysis:
□ VOC ☒ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Aff Domm DATE: 4-8-15



SUBSURFACE SOIL SAMPLING



2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 29 CR Site Name:
Decision Unit NA Building No Vertical Geoprobe No. <u>SB/06</u>
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete Composite
Sample Date: 4-8-15 Time: 1330 Weather: CLOOP, RAINV, 50'S
Subsurface Sample ID: <u>07958-0355M-0001-50</u>
Duplicate Sample ID:
Tube A Time 1925 Interval Drilled (ft bgs) Recovery (ft/in): 36
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: Mr. AW
Subcontractor (Name/Company): Frontz
Remarks: ARAUSAL AY 3.3 FT - 2 ATTEMPTS TO ADVANCE - PREUSAL
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
□ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: A D many DATE: 4-8-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 29 CR Site Name:
Decision Unit: BUNA Building No Vertical Geoprobe No. <u>SB/07</u>
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete R Discrete R Discrete
Sample Date: 4-8-15 Time: 1310 Weather: CLOOP, RAINT, 50'S
Subsurface Sample ID: <u>07958-0356M-0001-50</u>
Duplicate Sample ID:
Tube A Time 1300 Interval Drilled (ft bgs): 0.5 Recovery (ft/in): 59"
Tube B Time 1305 Interval Drilled (ft bgs): 5-7 Recovery (ft/in): 24"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: A6, AW
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC ☒ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: 15 mm DATE: 4-8-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 29</u> CR Site Name: <u>MSA</u>
Decision Unit: BUNA Building No Vertical Geoprobe No Vertical Geoprobe No
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete A 4-8-17
Sample Date: 4-8-15 Time: 0912 Weather: CLOOP, RAINT, 505
Subsurface Sample ID:
Duplicate Sample ID:
Tube A Time <u>09/0</u> Interval Drilled (ft bgs) Recovery (ft/in): <u>34</u>
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: Mt Aw
Subcontractor (Name/Company): Frontz
Remarks: RAFUSAL AT 3,3 FT - 3 ATTOMPTS TO ADVANCE - PARTURAL
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: A Date: 4-8-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 29</u> CR Site Name: <u>MSA</u>
Decision Unit NA Building No Vertical Geoprobe No Vertical Geoprobe No
Subsurface Sample Type: ☐ Horizontal ISM ☒ Vertical ISM ☒ Discrete ☐ Composite
Sample Date: 4-8-15 Time: 1441 Weather: CLOOP, RAINV, 50'S
Subsurface Sample ID: 079 58-035 8m-0001-50
Duplicate Sample ID:
Tube A Time 1435 Interval Drilled (ft bgs): 05 Recovery (ft/in): 58
Tube B Time 1438 Interval Drilled (ft bgs): 5-7 Recovery (ft/in): 22"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: MG, AW
Subcontractor (Name/Company):Frontz
Remarks:
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: (M) more DATE: 4-7-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 29 CR Site Name:
Decision United No Vertical Geoprobe No Vertical Geoprobe No
Subsurface Sample Type: ☐ Horizontal ISM ☒ Vertical ISM ☒ Discrete ☐ Composite ☐ N 4-8-15
Sample Date: 4-8-15 Time: 1500 Weather: CLOOP, RAINY, 50'S
Subsurface Sample ID: <u>079 SB - 0359M - 000 - 50</u>
Duplicate Sample ID:
Tube A Time 1955 Interval Drilled (ft bgs): 03 Recovery (ft/in): 34
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: BG, AW
Subcontractor (Name/Company): Frontz
Remarks: REFUSEL AT 3 FT - ATTEMPTED TO BOVANCE - PLENSEL
Laboratory Analysis:
□ VOC ☒ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Aff D mm DATE: 4-8-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 29</u> CR Site Name: <u>MSA</u>
Decision Unit: BUNA Building No Vertical Geoprobe No. SB ///
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete JA 4-8-17
Sample Date: 4-8-15 Time: 1628 Weather: CLOOP, RAINT, 50'S
Subsurface Sample ID: <u>07958-0360M-0001-50</u>
Duplicate Sample ID:
Tube A Time 1623 Interval Drilled (ft bgs): 05 Recovery (ft/in): 54
Tube B Time 1625 Interval Drilled (ft bgs): 5-7 Recovery (ft/in): 20"
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: MI, AW
Subcontractor (Name/Company):Frontz
Remarks:
Laboratory Analysis:
□ VOC ☒ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: A Domm DATE: 4-8-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision United NA Building No Vertical Geoprobe No Vertical Geoprobe No
Subsurface Sample Type: Horizontal ISM Vertical ISM Discrete Composite
Sample Date: 4-8-15 Time: 1641 Weather: CLONDY, RAINY, 50'S
Subsurface Sample ID: <u>0)958 - 0361m - 0001 - 50</u>
Duplicate Sample ID:
Tube A Time 1637 Interval Drilled (ft bgs): 0-5 Recovery (ft/in): 59
Tube B Time 1639 Interval Drilled (ft bgs): 5-10 Recovery (ft/in): 59
Tube C Time 1670 Interval Drilled (ft bgs): 10-11.5 Recovery (ft/in): 12
Field Samplers: <u>Mb, AW</u>
Subcontractor (Name/Company): Frontz
Remarks: 7-1/15 (composite sample coll - 07958 - 0362 -0001-50 @) 1653 REPUSAL AT 11.5" Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
<i>W//۶6</i> ☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Affinature) DATE: 4-7-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>MSA</u>
Decision United NA Building No Vertical Geoprobe No. <u>SB //3</u>
Subsurface Sample Type: Horizontal ISM Vertical ISM Biscrete Composite
Sample Date: 4-8-15 Time: 1537 Weather: CLOST RAINT, 30'S
Subsurface Sample ID: <u>0)958-0363m-2001-50</u>
Duplicate Sample ID:
Tube A Time 1533 Interval Drilled (ft bgs): 0-5 Recovery (ft/in): 54
Tube B Time $\frac{\sqrt{535}}{}$ Interval Drilled (ft bgs): $\frac{5-7}{}$ Recovery (ft/in): $\frac{20}{}$
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: Mb, Aw
Subcontractor (Name/Company):Frontz
Remarks: DVPUCMA (-03640) COLL
Laboratory Analysis:
□ VOC 図 TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS □ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: 15 Mary DATE: 4-7-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No CC-RVAAP- 79 CR Site Name: Main Ore Storage Area
Decision Unit: <u>DU05</u> Building No. <u>NA</u> Vertical Geoprobe No.
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 479/15 Time: 1650 Weather: 4050'S
Subsurface Sample ID: 07958-0390 M-0001-50 (1-4)
Despite are Sample ID: 0795B - 0391M - 0001-50 (4-7')
Tube A Time N/A Interval Drilled (ft bgs) : Recovery (ft/in):
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: FR, 5)
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: (Signature) DATE: 4/29/15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79
Decision Unit: <u>DU05</u> Building No. <u>NA</u> Vertical Geoprobe No. <u>SBO</u>
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4 29 5 Time: 1510 Weather: Clear, 50'5
Subsurface Sample ID: 679513-0392M-0001-50
Duplicate Sample ID: 0795B-0393 M - 0001 - So
Tube A Time 455 Interval Drilled (ft bgs): 0-5' Recovery (ft/in): 60"
Tube B Time 505 Interval Drilled (ft bgs): 5-7' Recovery (ft/in): 24'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: FR, JD
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Signature) DATE: 4/29/5



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No CC-RVAAP- 79 CR Site Name: Main Ore Storage Area
Decision Unit: <u>DU05</u> Building No. <u>NA</u> Vertical Geoprobe No. <u>SBO2</u>
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 47915 Time: 1520 Weather: ((ear, 503
Subsurface Sample ID: <u>0795B-0394M-0001-50</u>
Duplicate Sample ID:
Tube A Time 1507 Interval Drilled (ft bgs): 0-5 / Recovery (ft/in): 60''
Tube B Time 15 18 Interval Drilled (ft bgs): 5-7 / Recovery (ft/in): 24 "
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: FP, JD
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS 💢 SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: DATE: DATE:



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site NoCC-RVAAP- 79 CR Site Name: Main Ore Storage Area
Decision Unit: <u>DU05</u> Building No. <u>NA</u> Vertical Geoprobe No. <u>SB 03</u>
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 42915 Time: 1545 Weather: Clear 50'5
Subsurface Sample ID: <u>07958-0395M-0001-50</u>
Depleate Sample ID: MS/MSD 07956-0395M-000Z-SD
Tube A Time 1530 Interval Drilled (ft bgs): 6-5 Recovery (ft/in): 60°
Tube B Time 1542 Interval Drilled (ft bgs): 5-7 Recovery (ft/in): 24'
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: FR, JD
Subcontractor (Name/Company):Frontz
Remarks: N/
Laboratory Analysis:
□ VOC □ TAL METALS SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
MS/MSD Sample Collected
RECORDED BY: (Signature) DATE: 4/29/15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No CC-RVAAP- 79 CR Site Name: Main Ore Storage Area
Decision Unit: <u>DU05</u> Building No. <u>NA</u> Vertical Geoprobe No. <u>SBOY</u>
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4/29/5 Time: 1615 Weather: Clear 50'5
Subsurface Sample ID: 07958-0396M-0001-S0
Composite Duplicate Sample ID: 0795B-0398-0001-50
Tube A Time (550 Interval Drilled (ft bgs): 0-5' Recovery (ft/in): 60'
Tube B Time $\frac{1600}{1600}$ Interval Drilled (ft bgs): $\frac{5-10}{100}$ Recovery (ft/in): $\frac{60}{100}$
Tube C Time 6/2 Interval Drilled (ft bgs): 10-13 Recovery (ft/in): 36
Field Samplers: FR, JD
Subcontractor (Name/Company): Frontz
Remarks: N/T
Laboratory Analysis:
□ VOC □ TAL METALS SVOCS □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: (Signature) DATE: 4/29/15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES

USACE Contract No. W91QR-04-D-0039

CR Site No CC-RVAAP- 79 CR Site Name: Main Ore Storage Area
Decision Unit: <u>DU05</u> Building No. <u>NA</u> Vertical Geoprobe No. <u>SBOS</u>
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 42915 Time: 1645 Weather:
Subsurface Sample ID: <u>67956 - 0397M - 0001 - 50</u>
Duplicate Sample ID: NA
Tube A Time 1623 Interval Drilled (ft bgs): 05 Recovery (ft/in): 60
Tube B Time (64) Interval Drilled (ft bgs): $5-7$ Recovery (ft/in): 37
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: FR, JD
Subcontractor (Name/Company): Frontz
Remarks:
Laboratory Analysis:
□ VOC □ TAL METALS SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Signature) DATE: 4/29/15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name: 643
Decision Unit: DU NA Building No. Vertical Geoprobe No. SB/O/
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4-7-15 Time: 1400 Weather: CLOUDY, NAN, 40'S
Subsurface Sample ID: <u>07958-0375m-000/-50</u>
Duplicate Sample ID:
Tube A Time 1350 Interval Drilled (ft bgs): 0-5 Recovery (ft/in): 54
Tube B Time 35 Interval Drilled (ft bgs) : $5-8$ Recovery (ft/in): 32
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: Mt, AW
Subcontractor (Name/Company): Frontz
Remarks: REFUSAL AT 8
Laboratory Analysis:
□ VOC ☑ TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: DATE: 4-7-15 (Signature)



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. CC-RVAAP- 79 CR Site Name:
Decision Unit: DU NA Building No. Vertical Geoprobe No. SB 102
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4-7-15 Time: 1540 Weather: [iovor, MAIN, 40'S
Subsurface Sample ID: <u>0)95B-0376M-0001-50</u>
Duplicate Sample ID:
Tube A Time / Interval Drilled (ft bgs): 03 Recovery (ft/in): 32
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: M. F. AW
Subcontractor (Name/Company):Frontz
Remarks: RAFISAL AT 3 - MADE 2 ATTEMPTS TO ADVANCE BOAME
Laboratory Analysis:
□ VOC II TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: Signature DATE: 4-7-15



SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3</u>
Decision Unit: DU Building No. Vertical Geoprobe No. SB 103
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4-7-15 Time: 1600 Weather: (LOUDY, AMN, 40'S
Subsurface Sample ID:
Duplicate Sample ID:
Tube A Time 1555 Interval Drilled (ft bgs) : 0-4 Recovery (ft/in): 42
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: ML, AW
Subcontractor (Name/Company): Frontz
Remarks: REFUSAL AT 4
Laboratory Analysis:
□ VOC II TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: DATE:

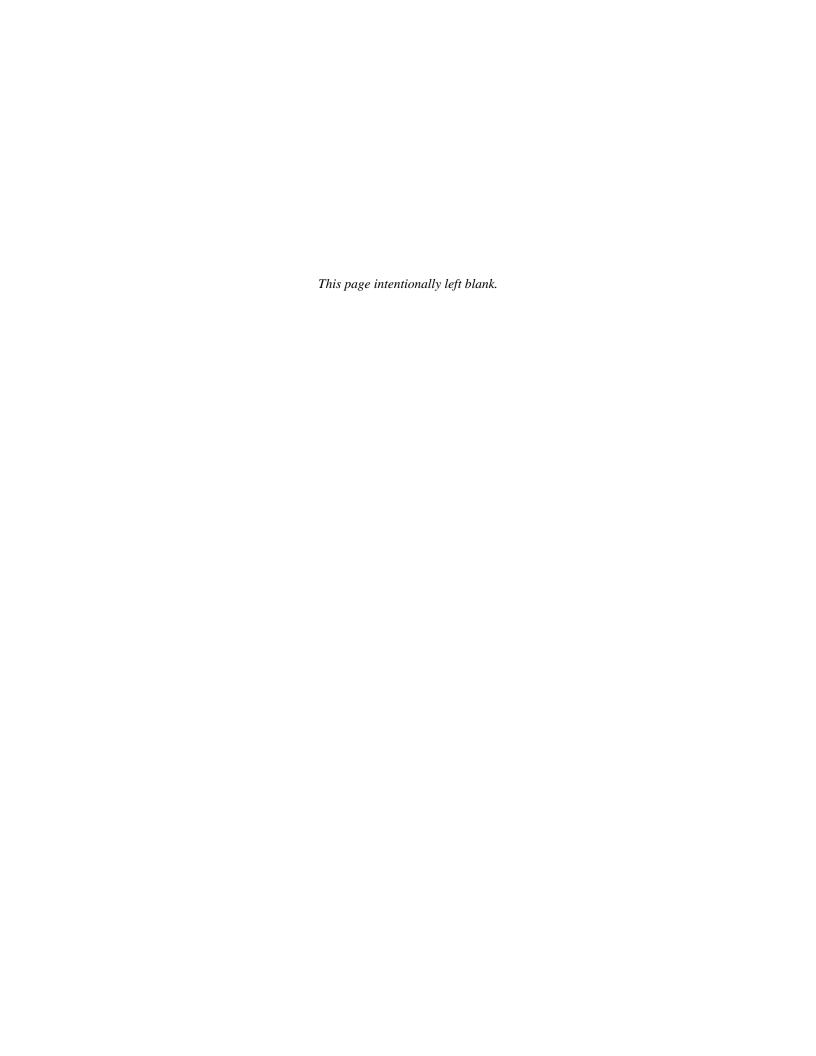


SUBSURFACE SOIL SAMPLING

2011 PBA ENVIRONMENTAL INVESTIGATION AND REMEDIATION AT 14 CR SITES USACE Contract No. W91QR-04-D-0039

CR Site No. <u>CC-RVAAP- 79</u> CR Site Name: <u>LL3</u>
Decision Unit: <u>DU</u> Building No Vertical Geoprobe No. <u>SB 104</u>
Subsurface Sample Type: ☐ Horizontal ISM ☐ Vertical ISM ☐ Discrete ☐ Composite
Sample Date: 4-7-15 Time: 1610 Weather: (iovor, MAIN, 40'S
Subsurface Sample ID: <u>07958 ~ 0378M - 000</u> /- 50
Duplicate Sample ID:
Tube A Time 1605 Interval Drilled (ft bgs): 0-45 Recovery (ft/in): 48"
Tube B Time Interval Drilled (ft bgs) : Recovery (ft/in):
Tube C Time Interval Drilled (ft bgs) : Recovery (ft/in):
Field Samplers: My AW
Subcontractor (Name/Company): Frontz
Remarks: REFUSAL AT 4.5
Laboratory Analysis:
□ VOC II TAL METALS □ SVOCs □ EXPLOSIVES □ TPH GRO/DRO □ PCBs □ PROPELLANTS
☐ FULL SUITE (VOCs, SVOCs, TAL Metals, Explosives, Propellants, PCBs, Pesticides)
☐ MS/MSD Sample Collected
RECORDED BY: DATE:

APPENDIX E.4 DAILY HEALTH AND SAFETY FORMS





Date:	3-13-13	Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC	Person Conducting Briefing:	Jeff Donovan
1. AWARENESS (e.g., speci	ial EHS concern	s, pollution prevention, recent	incidents, etc.):
Vehicle Awareness - Speed L	imit on Base	SLIPI	+ FALLS
Lifting Coolers, sampling equi	ipment, lift with	your legs	7/1(0)
Level D PPE unless upgraded	due to site condi	tions	
Use caution when working are	ound drill rig		
2. OTHER ISSUES (HASP		HAs, attendee comments, etc.):	
2 Discussion of Date	J. A. CHENNIENSON		
		TASKS AND SAFETY MEAS	
NILL SURVEY	- 6676	DEPET AMEA POLITS	W/ CAMPRIC F/ESCONT SUNVEYORS
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4. ATTENDEES (Print Nam	ıe):	1	
1. Jeff Donovan		2. David C	mecu
3. MIKE MEMAHON		4.	
5. RYAN YORKSCHATT		6.	
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Date:	2-19-13 Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC Person Conducting Briefing:	Jeff Donovan
1. AWARENESS (e.g. special FU	IS companies well 4	
(e.g., special Ist	IS concerns, pollution prevention, recer	nt incidents, etc.):
Vehicle Awareness - Speed Limit or	n Base	
Lifting Coolers, sampling equipment		
Level D PPE unless upgraded due to	site conditions	
Use caution when working around di	rill rig	
2. OTHER ISSUES (HASP chang	es, new AHAs, attendee comments, etc.):
B. DISCUSSION OF DAIL VACUE	IVITIES/TASKS AND SAFETY MEA	
A franchis	TITLES/TASKS AND SAFETY MEA	SURES TO BE USED:
me confirmation	CONT, GPS'INC PT NAA CONT, W/CAMPBRILL SI + NI PERRINGS,	3. AT CC)9
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SUNVERIL PO	SI + AI BEARINGS,	
. ATTENDEES (Print Name):		
Jeff Donovan	2. 2	
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· MIKE MCMAHO. · RYAN YULKSCHATT	6.	As
KIMIN YULESCHITT	8.	
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Date: Company:	3-/5-13 ECC	Project Name/Location: Person Conducting Briefing:	Ravenna AAP, Ravenna, OH Jeff Donovan
1. AWARENESS (e.g., s	special EHS concern	s, pollution prevention, recent	incidents, etc.):
Vehicle Awareness – Spe	ed Limit on Base		
Lifting Coolers, sampling		war love	
Level D PPE unless upgra	ided due to site conditi	iona	
Use caution when working	o around drill rio	TOTAL	
The state of the s	g around drift fig		
2. OTHER ISSUES (HA	SP changes, new AF	HAs, attendee comments, etc.):	
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. DISCUSSION OF DA	JLY ACTIVITIES!	FASKS AND SAFETY MEAS	(Intro mo na ricia)
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Date: Company:	3-16-13 ECC	Project Name/Location: Person Conducting Briefing:	Ravenna AAP, Ravenna, OH Jeff Donovan
		s, pollution prevention, recent	
Vehicle Awareness - Spec		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	metacing cours.
Lifting Coolers, sampling		vane loss.	
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Use caution when working		10118	
Ose caution when working	g around drill rig		
		As, attendee comments, etc.): An opisiall PPE	
WILL CONT.	TO MARK RO	TASKS AND SAFETY MEAS PAINES AT CO 19 7	STANT A+ 11 }
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4. ATTENDEES (Print l	Name):	2	
 Jeff Donovan 		2. David Gm	261
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Date:	3/8/3	Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	LCC	Person Conducting Briefing:	Jeff Donovan
1. AWARENESS (e.g., spec	cial EHS concern	s, pollution prevention, recent	
Vehicle Awareness - Speed I	Limit on Base		
Lifting Coolers, sampling equ	ipment, lift with	your legs	
Level D PPE unless upgraded	due to site condi	tions	
Use caution when working are	ound drill rig		
2. OTHER ISSUES (HASP STAL WARM	105/50	HAs, attendee comments, etc.):	
3. DISCUSSION OF DAILY	Y ACTIVITIES/	FASKS AND SAFETY MEASI	URES TO BE USED:
4. ATTENDEES (Print Nam 1. Jeff Donovan	ıe):		
2		2. Pavid	2MRav
5. Henry Millard	JR	4.	+==
7. TOMAS HERMAN	2005	6. Catherine	Guido
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Date: 3-1	9-/3 Project Name/Location:	Ravenna AAP, Ravenna, OH
Company: ECC	Person Conducting Briefing:	Jeff Donovan
1 AWADENESS (or appoint EUC		
1. AWARENESS (e.g., special EHS co	oncerns, pollution prevention, recent	incidents, etc.):
Vehicle Awareness - Speed Limit on Ba	ISC	
Lifting Coolers, sampling equipment, lif		
Level D PPH unless upgraded due to site	conditions	
Use caution when working around drill r	io	
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2. OTHER ISSUES (HASP changes, r	new AHAs, attendee comments, etc.).	
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3. DISCUSSION OF DAILY ACTIVI	THE COURT A GEV OF A RIES OF A EXPONENT PARTY AND	
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A A POPULATION OF THE PARTY OF		
4. ATTENDEES (Print Name): 1. Jeff Donovan		
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3. Henry Millard JR	4. Catherine	
s. Tomas Harryman		nlav
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Date:	3-20-13	Project Name/Location: Person Conducting Briefing:	Ravenna AAP, Ravenna, OH
Company:	ECC	Person Conducting Briefing:	Jeff Donovan
1. AWARENESS (e.g., spec		s, pollution prevention, recent	incidents, etc.):
Vehicle Awareness - Speed I	Limit on Base		
Lifting Coolers, sampling equ	aipment, lift with	your legs	
Level D PPE unless upgraded	due to site condi-	lions	
Use caution when working ar	ound drill rig		
2. OTHER ISSUES (HASP	changes, new Al	HAs, attendee comments, etc.):	of deer in ro
3. DISCUSSION OF DAIL CONT. W. S. STAKE LOUGHON	Y ACTIVITIES/ MPCINE S AT LL3	FASKS AND SAFETY MEASI AT CC79 M CC73 SAND CILL	URES TO BE USED:
4. ATTENDEES (Print Nan 1. Jeff Donovan	ne):	2. Del We Though	Å.
3. Tonas Harmon	R	4. Distance	nesV
5. Fred Rucke		6. Catherine G	n.id7
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	21-1-		
Date:	5/2///3 Proj	ject Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC Pers	son Conducting Briefing:	Jeff Donovan
1. AWARENESS (e.g., special l	EHS concerns, pol	llution prevention, recent	incidents, etc.):
Vehicle Awareness - Speed Limit	on Base		
Lifting Coolers, sampling equipm	ent, lift with your l	egs	
Level D PPE unless upgraded due	to site conditions		
Use caution when working around	l drill rig		
2. OTHER ISSUES (HASP cha	nges, new AHAs, a	attendee comments, etc.):	e driving on to
3. DISCUSSION OF DAILY AC	CTIVITIES/TASK	S AND SAFETY MEASI	URES TO BE USED:
CONT, SAMPLIA	4 AT CC	7 9	ONES TO BE COME.
18-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			
4. ATTENDEES (Print Name):			
1. Jeff Donovan		2. Catherine	Guido
3. Fred Books			Hung & Je
5. Parid Conta		6. In Tet	25
7. Henry Millard T	R	8.	
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Date: 3-2	Project Name/Location:	Ravenna AAP, Ravenna, OH
Company: EC	C Person Conducting Briefing:	Jeff Donovan
1. AWARENESS (e.g., special EHS of	concerns, pollution prevention, recent	incidents, etc.):
Vehicle Awareness - Speed Limit on B	asc	
Lifting Coolers, sampling equipment, li		
Level D PPE unless upgraded due to sit	e conditions	
Use caution when working around drill	rīg	
2. OTHER ISSUES (HASP changes, Spour - MAICH DI COLD - STAN (MA	New Arias, attendee comments, etc.)	
3. DISCUSSION OF DAILY ACTIVE FURTHER DELINEATING COLL, SUGGINFACE	ITIES/TASKS AND SAFETY MEAS AT CC 79 MAIN AND ON THON PROCESS SAMPLES	SURES TO BE USED:
4. ATTENDEES (Print Name): 1. Jeff Donovan	2. Fr. 2 Pag	7
3. David Confav	2. Fred Box	
5. Henry Millard JR	100	+85
7. Times waterander	6. Catherine	000
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Date:	4-1-13	Project Name/Location:	Ravenna AAP, Ravenna, OH	
Company:	ECC	Person Conducting Briefing:	Jeff Donovan	
1. AWARENESS (e.g., special EHS concerns, pollution prevention, recent incidents, etc.):				
Vehicle Awareness - Speed I	Limit on Base			
Lifting Coolers, sampling equ		your legs		
Level D PPE unless upgraded				
Use caution when working ar				
		HAs, attendee comments, etc.):		
CONTINA SAMPO	in st	TASKS AND SAFETY MEAS	1 -MAINLL CL79	
·				
				
A A (PANELLA LANGUAGO (PARELLA NA)				
4. ATTENDEES (Print Nar 1. Jeff Donovan	ne):	2.		
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DAILY SAFETY MEETING SIGN-IN SHEET

Date:	4-6-/5 Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	Project Name/Location: ECC Person Conducting Brie	fing: TEFF DONOVAN
1 3 1	Cr. Co. C.	
	al EHS concerns, pollution prevention,	recent incidents, etc.):
Working around drilling equipr		The second second second
Lifting sample coolers, lift with	ı legs	
Level D PPE unless otherwise i	instructed by SSHO	·
118hice Mason	LESS. BASK SPAND H	n/9
DECON OF DIN	ECT PUSH EQUENTENT	
	hanges, new AHAs, attendee comments	, etc.):
NO NEW ALAS	, hASP CHANGES	
3. DISCUSSION OF DAILY	ACTIVITIES/TASKS AND SAFETY	MEASURES TO BE USED:
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RT DO TANA	KARM, GET SAF	UN TO STANY ONICHAL
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4. ATTENDEES (Print Name		.,,
1. JEFF DONOUN		Contav
3. michael M Mul	hu 4. Fred	Ricche
5. RYAN YVEKSCHAPP	6. Kathr	IN PRICES
7. AL BASTERRAY	8.	
9. Rickie Shanky	10.	
11. Jason Harper	12.	
13. Alle Wymen	14.	
15. Mike Green.	1 6.	
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ECC—Never Compromising Safety

BRAD KUNE - 614-336-4918 (bulo GUMD)



Data	4/2/15	During Allered Area of the	D	
Date: Company:	FCC	Project Name/Location: Person Conducting Briefing:	Ravenna AAP, Ravenna, OH	
Company.		reison Conducting Briefing.	JEFF DONOVAN	
1. AWARENESS (e.g., special EHS concerns, pollution prevention, recent incidents, etc.): Working around drilling equipment. Slips, trips, and falls.				
Lifting sample coolers, lift with	legs			
Level D PPE unless otherwise in	istructed by SS	SHO CHISKUS GEEL	7	
Vehicle Anginess	Rast Sp	eed Limit, Stips [Ra.		
Decon of Direct p	ush 1/5	A Surpling equipment		
2. OTHER ISSUES (HASP ch	anges, new Al	HAs, attendee comments, etc.):		
15M & Dayed Posh	Sampling	TASKS AND SAFETY MEAS (A) (C) 69 [F, \(\tau\))	ures to be used: thing for for tomoral	
			110-00-00-00-00-00-00-00-00-00-00-00-00-	
4. ATTENDEES (Print Name)):			
1. TEFF DONOUN		2. Ford Bec	be	
3. Kathryn Priess		4. Mila Smith	2	
5. Juson Hucker		6. Allo WYN	160	
7. David Cansas		8. AL EASTED	2047	
9. micher non much	_A	10.		
11. RYAN YULKSCHA		12.	^ <u>**</u>	
13.	<u> </u>	14.		
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29.		30.		



Date:	4-8-2015	Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC		JEFF DONOVAN
Working around drilling equipm	nent. Slips, trip	ns, pollution prevention, recent os, and falls.	incidents, etc.):
Lifting sample coolers, lift with			
Level D PPE unless otherwise i	nstructed by SS	SHO	
2. OTHER ISSUES (HASP cl	-	HAs, attendee comments, etc.):	
,			
/		TASKS AND SAFETY MEAS	
4. ATTENDEES (Print Name):	2. Al Gara	
3. A Me Wyman		2. AL EASTH 4. KATHRYN PRICE	RVAY
0 / 1 / 1 / 1 /			33
7. To see II		1 CO TRUTE	
7. Jasn Huper 9. Mike Greene		10.	
11. MIES MC MAH		12. RYAN YUE	Les Lines
13.	<u> </u>	14.	JESCHAIT I
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Date:	- 9-200 Project Name/Location: Ravenna AAP, Ravenna, OH	
Company:	ECC Person Conducting Briefing: TEH DONOVAN	
. AWARENESS (e.g., special Ell Working around drilling equipment	S concerns, pollution prevention, recent incidents, etc.): Slips, trips, and falls.	
ifting sample coolers, lift with leg		
Level D PPE unless otherwise instru	cted by SSHO	
WALKING THROUGH DEN	E UNDER BRUSH - THORAS, SHARP BRANCHES, S	7c
No NAW AHA'S /	es, new AHAs, attendee comments, etc.):	
DISCUSSION OF DAILY AC SHAULU SOIL SAM DECON GENTARL SITE CL	TVITIES/TASKS AND SAFETY MEASURES TO BE USED: PLING STRY PROBLES AT - 79 MS TON UP ACTIVITIES	Y A
4. ATTENDEES (Print Name):		
1. JEFF DONOUN	2. AL EASTERDAY	
5. Kathan Prins	4. Allie Lyman	
Kerter In Itelant	8.	
David Comean	10.	
11.	12.	
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Date:	1-10-2019	Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC	Person Conducting Briefing:	JEFF DONOVAN
1 AWADENESS (a.g. speci	al FUS concern	s nollution nuovantian vasaut	incidente etc.
Working around drilling equip		s, pollution prevention, recent s. and falls.	incidents, etc.):
Lifting sample coolers, lift with		7, 414 10101	
Level D PPE unless otherwise		HU	
201012 1120 00000 00000	111011111111111111111111111111111111111		
		-	
2. OTHER ISSUES (HASP of	changes, new AF	· As, attendee comments, etc.):	:
		TASKS AND SAFETY MEAS	SURES TO BE USED:
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PACK FINAL S	810 103	6	
MOB home			
and the second s			
and the same of th			
4. ATTENDEES (Print Nam	e):	10 14 1	_
1. TEFF DONOUN	<u> </u>		Pricsr
3. Fred Port		4. Allze wyn	16n
5. AL EASTERDAY		6. Mike Grove	
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Date:	4-28-15 Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC Person Conducting Briefing:	
company.	reson conducting brinning.	Their done some
1. AWARENESS (e.g., specia	al EHS concerns, pollution prevention, rece	nt incidents, etc.):
Working around drilling equipr	ment. Slips, trips, and falls.	
Lifting sample coolers, lift with	n legs	
Level D PPE unless otherwise i	instructed by SSHO	
DRSEAML BASE S	PHED LIMIT M TALKING	on chullons
WhILE DO INCINE	Check For TICKING	IAR SUNGUE
	1	
	changes, new AHAs, attendee comments, etc	e.):
NO NEW ALDS	how change	
/		
-		
3. DISCUSSION OF DAILY	ACTIVITIES/TASKS AND SAFETY MEA	ASURES TO BE USED:
1.25 LOCATIONS	BI C679 0005	
PARP, SAMPIN	COMMUNITED TUNIO	nen
		31.A. V
4. ATTENDEES (Print Name	e):	
1. JEFF DONOUN	2.	
3. FARO ROLA	4.	
5. Dans Comm	6.	
7.	8.	T #
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Date:	4-29-15 Project Name/Location:	Ravenna AAP, Ravenna, OH
Company:	ECC Person Conducting Briefing:	JETE DONOVAN
AWARENESS (e.g., specia Working around drilling equipn	I EHS concerns, pollution prevention, recent	incidents, etc.):
Lifting sample coolers, lift with		
Level D PPE unless otherwise in		
		A NOTES EN THEE
USE CONSTACE	STAV HVDRATED - NO CA	a distantial of
ME OUIS UNIXA	STAT THE DIGHTAD - NO CA	UL FAIUSE WAILE PIE
2. OTHER ISSUES (HASP cl	nanges, new AHAs, attendee comments, etc.):	
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NO BATWE DA	INHOU , SMAKING AN WOR	K ANTA
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	- 1	
3. DISCUSSION OF DAILY	ACTIVITIES/TASKS AND SAFETY MEAS	SURES TO BE USED:
WILL BELIN ORS	CORTA SOIL SAMPLING AT	1169 FOR VOCS
Thin mos TO	CORTA SOIL SAMPLING AT CC79 TO CONDUCT L SOIL BOAML LOUGHOUS!	I'm ENL SAMPLINZ
AT 5 DAILINIA	Soll PARMIL L. W. A. Thores	
THE OWNER OF THE	20016 8011110 -10111100 1	*********
4. ATTENDEES (Print Name):	
1. JEFF DONOUN	2. David	Coneal
3. Zhen Noble	4. Jacky Almib	
5. Fred Roche	6.	
7.	8.	
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11.	12.	***************************************
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17. 19. 21. 23. 25.	18. 20. 22.	



Date: 4-30-15 I	Project Name/Location:	Ravenna AAP, Ravenna, OH
Company: ECC F	Person Conducting Briefing:	JEFF DONOVAN
1. AWARENESS (e.g., special EHS concerns, Working around drilling equipment. Slips, trips,	pollution prevention, recent and falls.	incidents, etc.):
Lifting sample coolers, lift with legs		
Level D PPE unless otherwise instructed by SSHe	0	
**		
2. OTHER ISSUES (HASP changes, new AHA	As, attendee comments, etc.):	
***************************************		-
	// // /	
3. DISCUSSION OF DAILY ACTIVITIES/TA	ASKS AND SAFETY MEAS	URES TO BE USED:
4. ATTENDEES (Print Name):		
1. JEFF DONOUN	2. David	omtav
3. Fred Rocke	4.	
5. MIKE MCMAHON	6.	
7. RYAN YURKSCHATT	8.	
9.	10.	
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	ject Name/Location:	Ravenna AAP, Ravenna, OH
Company: ECC Pers	ject Name/Location: son Conducting Briefing:	JEFF DONOVAN
1. AWARENESS (e.g., special EHS concerns, pol Working around drilling equipment. Slips, trips, and Lifting sample coolers, lift with legs	llution prevention, recent	incidents, etc.):
Level D PPE unless otherwise instructed by SSHO		
USE SUNSUREET DRUN	WATER	
USIC JONS CREEK		
2. OTHER ISSUES (HASP changes, new AHAs, a	attendee comments, etc.):	
3. DISCUSSION OF DAILY ACTIVITIES/TASK	KS AND SAFETY MEAS	URES TO BE USED:
4. ATTENDEES (Print Name):		
4. ATTENDEES (Print Name): 1. Jeff Paraum	2.	
4. ATTENDEES (Print Name): 1. Jest Donoun 3. Fred Rache	2.	
4. ATTENDEES (Print Name): 1. Jest Donoum 3. Fred Rahe 5.		
1. Test DONOUM 3. Fred Rocke	4.	
1. Topp DONOUM 3. Fred Raphe 5.	4. 6. 8.	
1. TEFF DONOUM 3. Fred Royhe 5. 7. 9.	4. 6. 8. 10.	
1. Topp Donoum 3. Fred Rahe 5. 7. 9.	4. 6. 8.	
1. Jest Donovan 3. Fred Rocke 5. 7. 9. 11.	4. 6. 8. 10. 12.	
1. JEFF DONOUM 3. Fred Royhe 5. 7. 9. 11. 13.	4. 6. 8. 10. 12. 14. 16.	
1. Jest Donoum 3. Fred Roche 5. 7.	4. 6. 8. 10. 12. 14. 16.	
1. Jeft Donovan 3. Fred Roghe 5. 7. 9. 11. 13. 15.	4. 6. 8. 10. 12. 14. 16. 18. 20.	
1. Jeft Donoum 3. Fred Rache 5. 7. 9. 11. 13. 15. 17.	4. 6. 8. 10. 12. 14. 16. 18. 20.	
1. Josep Donoum 3. Fred Raphe 5. 7. 9. 11. 13. 15.	4. 6. 8. 10. 12. 14. 16. 18. 20. 22.	
1. Jeft Donoum 3. Fred Rahe 5. 7. 9. 11. 13. 15. 17. 19. 21.	4. 6. 8. 10. 12. 14. 16. 18. 20.	



	Project Name	Location:	Ravenna A	AP, Ravenna, OH
Company: ECC Person Conducting Briefing				DONOVAN
1. AWARENESS (e.g., special EHS or Working around drilling equipment. Sli Lifting sample coolers, lift with legs Level D PPE unless otherwise instructed	ps, trips, and falls.	evention, recent in	cidents, etc	2.):
Chack BR TICKS,				
2. OTHER ISSUES (HASP changes, n	iew AHAs, attendee	comments, etc.):		
3. DISCUSSION OF DAILY ACTIVITY OF CONTINUES SOIL	TIES/TASKS AND S	SAFETY MEASUR	RES TO BI	E USED;
4 4 77 17 17 17 17 17 17 17 17 17 17 17 17				
	12			
1. JEFF DONOUM	2. /	red Rocke		
1. JEFF DONOUM 3.	4.	red Pocke		
1. JEFF DONOUM 3. 5.	4. 6.	red Rocke		
1. JEFF DONOUM 3. 5. 7.	4. 6. 8.	red Poeke		
1. JEFF DONOUN 3. 5. 7.	4. 6. 8. 10.	red Rocke		
1. JEFF DONOUM 3. 5. 7. 9.	4. 6. 8. 10.	red Rocke		
1. JEFF DONOUM 3. 5. 7. 9. 11.	4. 6. 8. 10. 12.	red Rocke		
1. JEFF DONOUM 3. 5. 7. 9. 11. 13.	4. 6. 8. 10. 12. 14.	red Rocke		
1. JEFF DONOUM 3. 5. 7. 9. 11. 13. 15.	4. 6. 8. 10. 12. 14. 16. 18.	red Rocke		
1. JEFF DONOUM 3. 5. 7. 9. 11. 13. 15.	4. 6. 8. 10. 12. 14. 16. 18. 20.	red Rocke		
1. JEFF DONOUM 3. 5. 7. 9. 11. 13. 15. 17.	4. 6. 8. 10. 12. 14. 16. 18. 20. 22.	red Rocke		
1. JEFF PONOUM 3. 5. 7. 9. 11. 13. 15. 17. 19. 21.	4. 6. 8. 10. 12. 14. 16. 18. 20. 22. 24.	red Rocke		
3.	4. 6. 8. 10. 12. 14. 16. 18. 20. 22.	red Rocke		



Environmental Chemical Corporation

Visitor Information Form

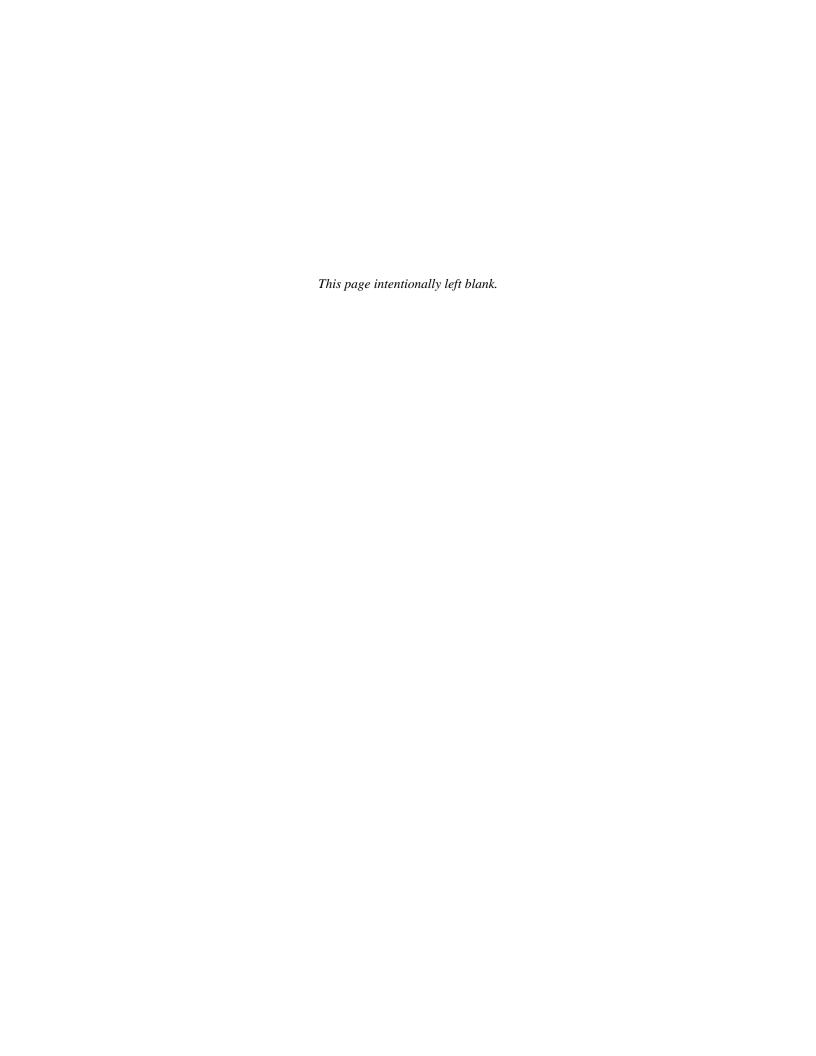
PROJECT NAME: Ravenna AAP, Ohio

You are entering a hazardous waste/construction site. Unprotected exposure to hazardous chemicals can cause mile to serious health effects. Heavy equipment operations and other inherently dangerous work are underway. You will remain with your designated escort at all times and follow their instructions for your safety and the safety of others. Minimum requirement for personal protective equipment is Level D protection (hard hat, ANSI-approved safety footwear, and safety glasses). Equipment issued must be returned prior to leaving the site.

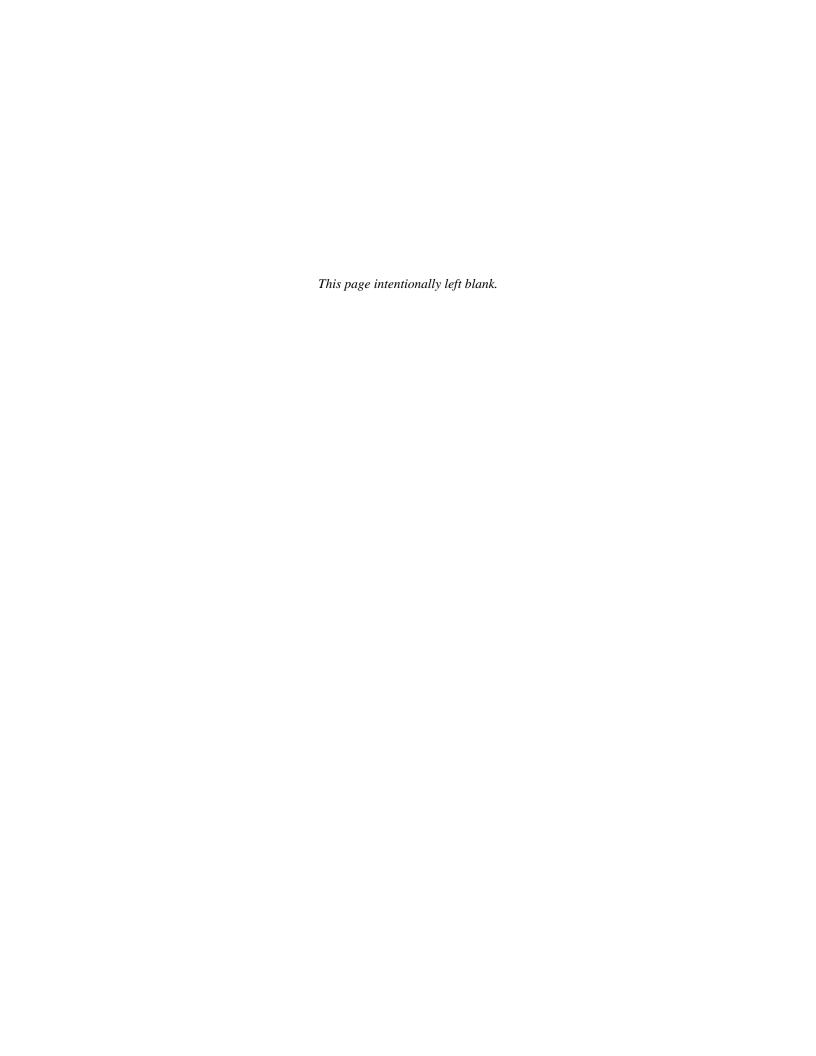
VISITORS CERTIFICATION

I acknowledge that I have been advised of the dangers present at this hazardous waste site facility. IU agree to immediately follow all directions given by my escort on-site. I also certify that I do relieve ECC, the U.S. Government, the applicable state in which the project site is located, their officers, employees, and agents of all liability of all consequences raising from and related to the potential hazards associated with entry to this site.

PRINT NAME Kevin Stouck	SIGNATURE	4 DATE
Zorch Nobe Rickie Shanks	Della Should	4/29/15
Fred Rocky 1) and Gonean	Aging Stange	4/27/15
- Javon Cyprem	MC	4/29/15



APPENDIX E.5 FIELD NOTES



D. 16-@ SITE 10:25200

DU 6 SUBSITURE SB-Ø4 @ 11:33200 - 11:42200

(3)277. > SB-Ø3 @ 11:5820 - 12:34 pm

SB-Ø5 @ 12:55pm - 12:56pm

SB-Ø2 @ 13:07pm - 13:40pm

SB-Ø1 @ 15:45pm - 14.25pm

RAIL ROAD THES & LINE WIN DU 6 TOOK SEVENAL PHOTOS.

*SB-43 REFISAL @ 6' MADE 3 WITHS, 53
*SB-\$5 REFISAL @ 6:5' 55
*SB-\$1 REFISAL @ 4' MADE 3 NIVS, 55
*SB-\$1 REFISAL @ 4' MADE 9 ATTYS, 55

Delices with break @ 19.32 - 15:30

DU7 Subsurface 58-41 @ 1550 - 16:02 513-42 @ 16:08 - 16:22 513-45 @ 12:22 - 16:45 56-48 @ 12:55 - 18:05 56-64 @ 18:13 - 18:24 3-18-13 MONDAY

PROSEM

DELLING ISSUE SHOWER STUCK IN SAMPLER

ONLY HAD ISAMPLER 16:45-17:40

DKILLING-FINSTEN DUGA 7 SULFACE DUI-2 & DU 6-16

Druex LEFT 18 26

Finished at Sampling BULLDING & 8:1574

THE FOM HARMADAZ PC 3-19-13 ON SITE & 7:38AM COLD 30'F WINDY PC CC79 Main OKE STOKAGE AKEA SCIUD B: 15 AM

9:56 AM STARTED DU9 5B-1 6.5'
9:26 AM DU9 5B-2 7'
9:26 AM DU9 5B-2 7'
9:46 AM DU9 5B-3 4.5' 15t 2MD, 30D
10:05 AM DU9 5B-3 4.5' 15t 2MD, NEEL
10:05 AM EV9 5B-4 5' 15t 0.5' NEEL
COAL STAME 8"-13" THICK

+ SB-3 LEFUSAL @ 4.5' MADE ZATTUS. SS + SB-4 REFUSAL @ 5' MADE ZATTUS. SS 3-19-13 COLD 30 F WINNY P/C

CC 79 MAIN URE

10:30 AM STACTED DU 12 SB-1 4' ROTUME 9'

10:50 AM DU12 SB-5 5' REFUNE 4', 4.5,5

11:10 AM DU12 SB 2 4' REFUSA 4'4',4

11:35 AM DU12 SB 34 7'

11:57 AM DU12 SB 3 3.5' REPORTE 3.5,3

\$5B-1 2ATTOS MAY DEPTH 9'(255)
\$5B-1 3ATTOS MAY DEPTH 5'PSS
\$13-2 3ATTOS MAY DEPTH 4'PSS
\$5-3 2ATTOS MAY DEPTH 3,5'PSS
\$5-3 2ATTOS MAY DEPTH 3,5'PSS

12.70 py LUNCH DELLESS 1.20pm COVER DAMMET & PUE TOWNS - SNOW 1:25 pm SE TUP FOR DU 15 SB-1 7' END 143' 2:25 pm DU 15 SB-5 31 2:40 pm DU 15 SB-4 4' REFURE 3.5', 4' 45 3:30 DU 15 SB-3 4' REFURE 35' 4' 4:03 DU 15 SB-2 7'

CON CHICKS HT SURFACE OF OUTS

TUE 3-19-13 DU15 1000 30'F winny P/c 4.200 FINISHED DRUING COMPLETED DU 9, DU17, DU15 SUBSULFICE 5: 20pm LEFT FACULY Ton HANNANOLZ P.G. WED Cas 30°F P/C 3-20-13 ONSITE @ 7: 20AM - 6,451-2:00AM AT BO79 SETUP DU13 SB-1 A' RITURAL 5', 65' 8:58AM DU13 58-2 4' EFFORL 4', A' NEEL 9:45 AM 10:35AM DU13 SB-5 6' REFUSAL Du13 53-4 6 BENGL 11.04 pm Duis 58.3 71 11:20 Am BUL SUAL- NOT SULE IF ITS OLE ?? DUIS HAS ER SPURS WY TONS OF EXTRES 53.2 M.C. B GOT STUKINTHE HOLE TOLD DEILLER TO ABO M.C. & AND MORE ON AT 10:32Am. 11. Sonn MOVED TO DUIG 58-5 4' REFUSAL ALLSHITES AU-1653 1 3 RETUSAL 12, 15pm DU 16 53-4 4' FEFISHL 3 ATTOS 2:04 FM DU-16 58-3 7' 2.24 m DU-16532 65 SOME COAL AT SUAFACE

5) 3.70-13 WEO	THU	S Jon HAMMANOR 2 P.C
GALENNI NOTES DU13 BIK ELE	3-21-13	CC79 MANNSTOKAGE COLD 307 SUCH
DUIT COSELED ORF		
	7:34 AM	STRETED NOTES W/JEFF PACKED UP TRUCK
2:30 pm - 1.30 pm Luncit	TISH AM	STARTING CO79 DU10
	8.15 Am	DRIVER SETUP BREING LOLATE
2:42 pm FINISH DUIL (DRILLETE AUDINITEEL)	9.00AM	DENLER AT DUIC SB-3
7.502M MOVED TO DUK - LUTS OF CHE	9.25 m	
2:55 PM DUIA 513-2 7' (ORF)	9.35 AM	
5:10 PM DUIA 58-1 7	9.48 AM	Du 10 58-5 6' "
3:47 pm Dui4 5B-5 4' 24TTPS REFERENCE	II. CZAM	
3:59 PM DUIS 58-3 7'	12. 25AM	00 0 5B-2 7'
4: 22 PM DUH SB 4 4' 24THS PEASEN		
	Took D.S	SAMPLED SB. 3 D3" DUST MATERIAL (CONCUR DE
4:35 pn Move o To DUII - LOTS OF CLO	D.	SAMPLEE SBIE3" " CORE
4:31 pm Duil 513-43 71 (065)		
4.55 PM DUI SB-5 7 BIK RES IN1+12"	10.37AA	SAMPLE LEW FEWLATED TO DUB
5: 15pm DUII SB-1 71 (" ")		DRILLER SET UP A DUB SB-4
5:92,4 DUN 5B- 2 71	10:40 AN	DUB 58-4(7) Surface COAL 1" D. SAMPLE
5:58pm Oull 5B- 2 71		1 1208 53-1 (6) REFUSIL
COOL atticks on RAIL LINE	11:10 AA	1 DUB SB-5(b) Surince NES MATRICE 3"
6. 20pm Drilling done, 4 Dus.	11: 25 AM	1 DV 5 SB-3(6) REFINAL
6. 45pm LIFT Facillary	11: 37A	1 008 58-2
"FINISHED DUIL, 13, 14, 16 TH DOWN		
	11:55 AI	1 LUNCH BIEFICK -12:50 pm

Ð	3	·21	- Ì	3	THUR

3.21-13 IMUK		
3: 10 pm DUI SB-1 BIK 3"	5:43 AM	DUS SB-2 6.5' REFLIAL SS
1	9:58 AM	DU5 SB-1 7' BK 3" SEAM ONE ()
And the same of th	9.15 AM	1005 SB 3 7' 17" BIK DEE DS
	9.25 AM	DUS SB-4 7'
4.15 pm 001 58-9 7. 14.27pm 001 58-5 3.5 3 arrows May 7.5 55	9:40 AM	DUS SB-5 7' BIL OAR 3" 05
15:05 pm MOVINETO DUZ 58-5	10: 05m	Meb to DUA
15: 27 DUL 56-5 3,5 3ATTES	13: 25 Am	DV4 58-5 9.5' 55
15:40, DUZ SB-4 21 24TIPS	10:43AM	004 SB-4 8.5' SS
16:00 , OVZ 56.3 5' ZATUS Q. Smythe	M. 37AM	DU4 58-3 6.5' 55
10:30 p DUR 513 Z 21 ZATTIFS	11:10 *~	HAD TO REFUEL RIG
16145p DOR 513-1 6	11:30AM	STALLED BLACK UP HOMIN
الراجة المراجة	11:40am	04 SB-2 9.5'SS 24TTPS
6:48 RE MOB	11:55AM	DUA 56-17 1007 7-13 STUCK
17.25 FINISHED LEFT SITE -M (GIR)	12:40 p	LUNCH BREAK
THE (que)	1 40 84	Check out US Driver rosk lineit Brown
	2:40/~	DRILLERS MUB 70 LL3
3-22-13 FRIDAY JOM HERNANDEZ	3:20pm	Deiners LOCATE TO DUI
C. 30F SNOW ON SITE & 7:45AM	3:30PM	DUI 56-1 7'
Bild-son SET UP	3740 pm	DV1 53-2 7'
FULL SUITE DUA 5301	3:511	Dul 56-5 7'
Out 5505 713' DSB	4.20 PM	DV1 5B-3 7'
9:40 AM DelliNL AT QU5	A:2815	Dul 50-4 7'

3-22-13 FRIDAY	COLD 30"F	3.07.0	ILDING-813 LL	-3 TSA
145pm DrillER DEMO	7	13:Hp D	u ² 5B-1 8 ¹ u ² 56-3 6.5	ion solve
5 20 pm Plansiff - Len	The Facurey Whend		UZ 5B-A 6-S	
3-23-13 SATURISAY	NORZ P. 1- COUD 3042		043 53-1 65 043 53-5 35	
LL3 TSA 7:20 m ONSITE		MISZP J	03 56-3 45	Between 4.0' 4.0'
8:18 AM SECUPAL L	13 TJA DUA OK Etsmen	5 :07p 1) v3 5B-4 4.5	Republic 4.5 2.5 46
9:34 AM LL3 DU4 B:55 AM LL3 DJ4	SB-1 5' ZATTOS REFUSEL	R:526	HOVED BACK TO S	58- TO DETAIN ANOTHER 4-7
9.30m U30V4	SB-3		shwie	
DRILER H BANK- W	AN) ISSUES GOING UP THE ET/SIEEP, HAN) TO COT NEW PATH.	15:56p 1	DU 5 93-X	4' LEASINE 3,0 : 4.6
"ID: NEM AT U.S D	4 563 7' ABRUM 3ARB	16:081	FINSHED - PICK	INGUPON DUS JOHES
10:50m U3 DV	1 58-5 5 ^T		The HARVAN	OK 2 P, G
11:35 HM PACKUP	AND MOVE TO DUZ BLY93	3-25-13	Monday ac	ou) snow 3"
12:40 pm Luncit 1	BREAK	7:35 mg	TO 58-02	CKUD <u>DU3</u> NED TO 60
12:40 pm Remen 1 12:45 pm U3 Bidy	803 DUZ SB-5 7 FERRE	8,02/am	DRILLERS BACK	K HAO TO CHAPUSAN AT DUS
12:59 pm 123 Blds	SB-2 COM AT SUNFACE	9/02 Am	Dichers Mor	3 To Du 3

Mar., 1 Apr 2013 Weether: 38°, Oust, Snow, W5-10 Personal I J. Donaum, J. Soot, R. Williams F. Rocks, Fronte Objections: Subsider scroling @ U-16 + Most @ sampling Bldg. + begin mobe to Ares 8. 0120 Begin setypa Ara 8. 1230 Begin DP boings @ Bldg. U-16 Complet boings (U-16. Begin 1356 survey simile. 1420 Carrolok Seter soil Scaple. Mobe to E. Classification Yd. 1445 Sty to DAD SBG, ECLA /d. Convolak Soring. Mobile to Bldg. 1500 Drillers sof up in \$16. 1037. 15.30 1600 JS Alkit to FOLEX. End il day

Tues, 2 Apr 2013 ZUAAP Weather: 29°, Clear, colm Personal. J. Sot, J. Donava, R. Williams, F. Rocke Fronte Drilling. Objection Complete 58 & 8ldg. tos 2730 All Ect personel onsite. 0801. Stub to DD in 1035-1034 \$5.2 SB-R 386 D 5813 JS & FR Stake to P/M chipper. ~1330 Joe T. (Fronts) continuers coring Cocrete in 1038 Finish 1034 for day. Mabe to 1056

4-6-15 RAVENUMS CLEAR 40'S
0730 J. DONOVAN, A. EASTERDAL,
TM. GREENE DN BASE,
FRONTZ DRILLES ON
BASK-RICKIE SHANKS
+ JASON.

O 800 GET KELS TO BLO 1036 + LUAD LINES PAUM AL AL B (VISTA) -WE CAN KREP HERS UNTIL DOME O 820 CAMPBELL ACEN DAY CO.

0820 CAMPBALL ASSOC. ON SITE PLAN UPHERATTY MICH MCMARON.

OPYS A. ESSTENDEN YOKAI PHOYO OF PROPER TANK METER FOR BLD, 1636 (,USWL HEAT) OPOS M. GREENR W/SURVEFORS AT CC 69 TO LOCATE I POINT, ORIG 582,

PRILLERS SETING UP DECON

PAN OFF NONTHERST COR.

OF BLD 1036 IN GRAVEL

ARRA (SAME LOCATION AS LAST

TIMB)

DECON W/ PRESENT WASL.

DECON FLORDS DAMMED-POT IN

18 LO 1086

RAVANNA 4-6-15 0730 ELL + AAKLERN AT 820 1036 1/6/ A 1330 AT AREA & DO COLC. SUAFICIAL SOIL SAMPLES AT OU 3, 4, 576; DUD ty INNER OU'S, 5+6 OUTER DU'S, WILL HOLD MALPOIS ON SHOWAL ABSOLUT OF 344 AND KNOWN, TAL MATALI ANALASIS - FULL SU ME cort AT 'DUOS, MS/MSD COLL DE DUBS (MOTES ONLY), DUP COLC. AT DUOY 1630 push to somewar AMA 8. MOTE SUMMOND ETTARLISED PTS TO COMB OFF OF 1710 COLL SURRACK SOIL SAMME AT AT TO TOWA FRAM AT DUOY. 1036 PRANTE BAFULA) ORE SITE WILL BREIN OF DAILLIAU TEMPORPON. BRAD KLIPPA AS BLU 1038. DISCUSSED I bW + FLAMPOLRS CADINAY, 1800 OFCOMING SURFACE SOIL SAMPLOVA K QUED - ACCOMOZ WASH, TAP BINK MATHONOL , 10% MISRIL , THEND) WATER - WARP IN TW FOIL, TEGO 1845 ALL PERSONATE OFF SITE PLD 1036 LOCKED WOTE: WATER IN BOTT, OF Afron Sump IN BLO WAS

OF AT 80 TANK FAMA,

TO FINISH LOCATING PTS.

BRING SCAPERONS BACK TO LLS

WILL SCRABO CC 69 SAMPLES

W/ PID W/ 11.7 EVE AMP F

APR FIELD SCREWEN KIP

O 8400 BROW SBIOL BY CU 69

WILL COLL. QC SAMPLES AS ANILLUS,

SBIOL 2.3' - MI/MB

3-6' - DUP

9-19' - FULL SUTTE

SBIOL 2.3' - MI/MB

5-6' - DUP

7-10 FULL SUTTE

FBIOS 5-6' - PUP

213 NULU SUIS

PRUMANA 4-7-15

SE 104 (CC69) 23'-DUP

SE 108

7-10 FULL SUTE

1130 DRILLEAS DR-COMME IE QUIP W/PRESS, LOSS A

COLL DU 03 + 05 AT AT TO PANK FORM

DUP COLL. AT DU 03 -METALS ONLY

AT AT 80 YANK PANK. ALL SE SE SAMPLES

COLL. AT AY 80 TANK FARM.

PROS 1600 DR COMME ARMPHONE EQUIP

BE PORK MONTH TO CC 79.

1730 BU PRASONNEL OFF JITE

PLO 1036 LILHAD.

1655 TEST PMERICA (TA) COURMA

1655 TEST AMARICA (TA) COURMA
PICKS UPSAMPLES COLC. AT AMEAS
1600 PREUSAL AT LL3 SB103 AT 4'.

SB107 " 3 FT
SB104 " 45F1

4-8-15 RAVENING RAWY-50'S 07300 KULY DRICLARS AT BLD 1036 0745 HAS MARTINE surverens ou system PLAN OF THE DAY - CONT. W/ SURFACE SOIL SAMPLING AT LLB, ALL BORNES AT LLD DONE. ALSO BALL GORMGS AT MIA. 1015 TA COUNTAR PICKS UP GA 69 SAMPLES 1100 M. GABATA (Rec Blo) CARDS, SAF'S GATTING ABRUSA PAULO 3' 07 SB 103 PRED AT MIA. 1700 FRONTE BANLINZ OFF SITE, HWISHRO W/ALL DRILLING BUNITES, 17 15 DE-CONN & SAGPLING EQUIP. CE 79 MSA ROAM'S LOUATION LIMITED DAPTH OF BORNEY TO BETWEEN 2-4 PT. 1800 ALL PERSON AL APT SITE, BLO 1986 LOCKED 1915 AT PROBLE TO SHIP BACK PRO + APR EQUIP.

4-9-15 RAVANDA CLOUDE RAN 505 0730 RUL AT BLD 1036, WILL cons. W/ COLL, SURFILAR SON SAMPLES AT CC 29 PASA 0 815 145 MESTING. 1500 MIN 15400 W/ ALL SS SAMPLINE AT COD9, 3 FULL SUITAI Cove. 11/6 TACOUNTER PICKI UP SAMPLES COLL 4-8-15. TOO BE-CON SAMPLIEGE EQUIP W/ ALCONOX WASK, PAPAINSE 10% NIMIL + 50% METHANGE SPANN, RINSK of DI, WAAR Jal TIN FOIL. This was DON'T BACK NICHT AFTER SAMPLES WENT COLC. 130 ALL PARROMANH ORK S 15th BUD 1036 LOCKED

Alden

The first of the state of the s and the standard of the standard of the second

4-10-15 RAMENTA CLOVER-SO')

BROW FILL PS BLD 1036

WILL PSNINK PALKAL CONTRY

CLEAN BLO 1036, OE-MOSE,

OFIS HAS MERTINZ

O930 M, FREENA + A. WHMM

LASUA TO DAWE HOME.

10-0 O, COMBOL BAS PTS

AT CCSQ, BOLTON MANNA RUYC,

AND US 7201 (DEROT BALA)

WILL COLL 10W (SOIL + C. QUE), SCURCE

WATTA (DAILLANS) FROM ECC TOTE

FROM 2013, + RINSATT 13LLS (CC69 1008)

CC79 METALS).

CLEANNE BLD /236

/330 TA COURIER PICHIEV CO GARDLES DAVE CAMBRE LAST TO GO TO GOT PARTIES TO GOT TO AL BELLINGER,

1350 AT OF NAT. GUARD OF RETURN BLO 1256

AND LL3 KELS TO AL BELLINGER,

1400 BCC OFF SITE.

Jeffem

4-28-15 RAVENDE CLEAR -505 0-1315 AT OHARVE BUILANG, GAT HAT TO BLO 1636 12000 REBESCA HANET (VISTA). 1225 MET W/ KATIE TAIT + KROW SHOLAK, TOUD MAN WIZ WOULD BE AT SLD 1026 TUMORNOW MODNING AT 0730, FEEVIN SAID HE WORD STOP BY Thin. 1) pps J. Donovan, F. Roche, Y D. COMAAU (KCC FIELD TRAM) AT BLO 1036. NOTE - WATER IN BLO 1036 SUAP. WILL PASO FUR TOMORROWS

WILL PROD FOR TOMORROWS

D'AILLING SAMPLING, D. COMPACE NICC

LOCATE CC 29 DUOS DRIGHAL

BORING LOCATIONS & CC 69 BORNE

LOCATIONS USING GPS ON IT

/ YBU TI AMERICA DROPS OFF COULANS

+ SAMPLE CONTAIN FORS;

1515 D. COMPAU STAKING S&S

106, 107, 108, +109 At CC 69 W/

6 PS, CHÉCHED ACCEMBLY WIST OF

DUOI, LOCATED CUTTAIN 2 FT OF DRAW,

94-28-15 RAVANNA 1600 COLL. SURFAIR SOIZ 15M SAMPLE AT DUOS 1.0= 08955-0389M-000150 SAMPLE ON ICE 1730 ALL PRISONALL OFF BASE BLD 1036 LOCKED

- Francisco

4-29-15 RAVANUA - CLEAR 50'S 0730 KUL AT BUD 1036. WILL BRAIN SAMPLING AT CL 69 ALL SAMPLES DISCRETA VOC-SOIL,

* KISBOLAC AT BLO 1036.

* OBSD CALL FROM DAILLEAS, TMILER

BADKE DOWN (AXLE) THAY ALK

SENDUNT A DEPLACE MENT,

ALSO, NEW DAILLEAS HELPER (ZACH

NOBLE) WAS NOT ON ON FINAL ACCESS

LIFT FROM FROM 12, DETTING HIS MED

FOR BASE ALLESS FROM S, WAI HAT (FLOOR)

WHAN GAILLAN GAT HARRY HAS MERTHE.

10 905 DAILLAS CALLED BE HARR

0915 CAL 11.7 KV PID -CAL. OX.
0926 KISEDLAK BACK AT BCS 1036
0930 FRONTZ (RICKIE SHAKK), ZACH
NOBEL) AT BCD 1036.
0935 HES MEGTING

(2) 4-29-18 ROVANNA 1000 DAILLAND DE-CONINC bown hold koulp, w/ pressure wash, USING DE-CON PAD BUILT -SAME COLOGIAN BS LASY MME (OBE NIGHS T CONVER OF BUD 1236 ON GRAWL PARKING LUT. 1030 BRILIANS CAN NOT GET STEAM CLAWEN TO SMAT, WILL USA ALCONOR + SURUS BAUSHS TO OR. can EquiP. 1045 ONILYAN SAFFINE MP or 58101, wire cole 13-14, 14-15, 18-16, 16-77, 4D-18. INSTALL TEMP 111 PUD WALL-10A TO FAVER ON LEVEL, 1055 BELIN SB 101, 11/30 FINISH SBIOI POWN TV 20 MY 0.0 ON PID AT ALL INTHAVALLE LOUR COLLAPSED FO 15, DAILLARS OUICH ADVANT RUD) TO 20 TO SET TRMP WILL. 1148 AMILLERY DALCONINZ ROPS BATWERN HOLES W/ ALCONOX BANSH WASH, RINSE.

4-29-15 ROVENNA AT 58104 WILL COLL 12.13, 14-15 (MS/050) 1210 DAN 11/5004 1225 MG/N 58106. 1300 MALAO SLAEVAS KATTINE STUCK IN SAMPLAR. 1315 KINISS 50106 1325 BALM 5000 1345 FINISH 58107 1355, BIEN SB108 * NOTE: ALL SOIL BRING PUT IN 5 GAL BUCKETS FOR SPORTS IN 10W DAVMS, 1400 FINISH 80108 1410 BAGIN SO 109. 1430 FINISH SA109. ALL SAMPLAS FOR CG 69 COLL, + ON ICA IN COOLER, 1500 AT CC79 DVOS WILL ADMINIA 5 SB'S AT ONIGNAL SB LOCATIONS (2013?) ORIG. STARAS STILL IN PLACE, DOVALK CHICKED W/ GPS CNIT BAULLED, 1510 KEVN ISOLAN OFF SITE

(9)4-29-13 BAVENIE WILL COLL /Sm. 1-4, 4-2 heatronson AT SA'S 1-5, plus 1, 1-7 VENT INN AT BAUL BONING WILL GOLL, OSB comp, From 7-13'. WILL COLL 1 OUP + 1 ps/m50 ALL SAMPLES FOR SVOR ONLY. TOS prished w/ cc 79 DUOS sompless, coil out AT 5861 (-0393m=000) MISMIO AT SBO3 DSB 7-13 comp, BT SBD4 1730 Dalutas DR course BE PUIP, AT OF LOW PAD 1750 DAKLARS LUISTR. EU PLAPINI SAMPLES for HAB MUK UP JONNERNAN.

1755 CHACK WAT. LAV IN TAMP

WALL AT COGG AY SBIOT,

- 7.80 TOP CASING,

0.60 CASINGSTICK UP

ABOVE ONOUND, WILL AG

CASCK IN THE MONNING

1830 OFF SITE BLD 1036 COURSE

4-30-18 PAVENUA CTLA, CLOUBY 40'S 0700 Bel AT BLD 1036. 0715 AYSMEATING O 730 WAT LEV, IN TEMP WILL AT 60 69 58101 = 6.01 JOP PUC TOP PUE IS 0.6 ABOVE = 5.41 SWARDE FRAPI SURPACE, DEPTH OR WELL = 17.3 From NP PUC, = 16.7 GAMD SUNTACK. 0745 CAMPBALL ASSOC (SURVINS) BO BLD 1036 MIMINALS + RYAN VURKSHIT. KEVIN SEDLACK AT BLO 1036. REVIEW 1445 155085 BUTG SUNVAORS, 0810 O, conise TAKNL SUNVEYORS TO CC TO TO LXPTE STRURAT STAKES Y TO CUST TO LOLATE BONINES, 08 15 K, SKO LALH LVS BLD 1036 60800 COLL RINGAR BUN por CL 69 VOC'S ONLY -06958-0090-0001-RB 0805 COLL HWEATE ACK FOR CC > 9 SVAC'S ONCE - 07988 -0399.0001-RB

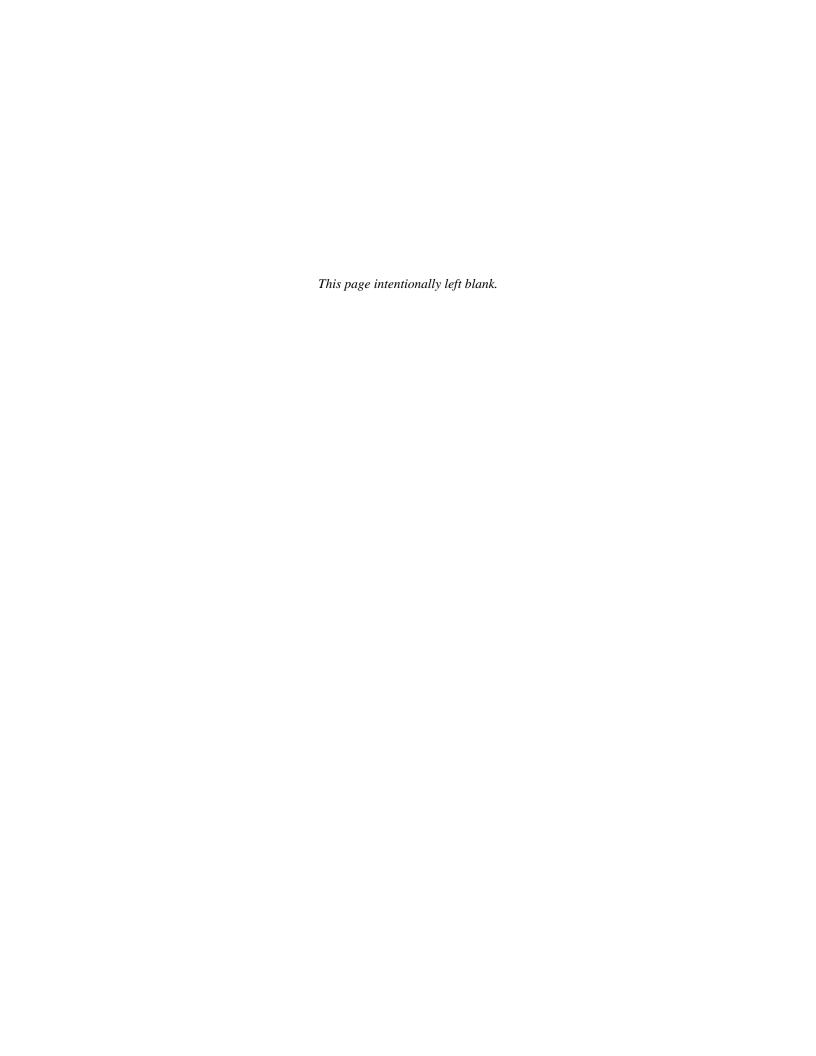
4.30-15 PAMANNA. 1030 SUMVERMAN OFFSIR 1040 FIRSCHRY DY COMISSU LVI FOR AIRPORT 1140 TA CONTER PICKS UP SAMPLES 1145 CLEANNE UP BLO 1036. 1200 PULL TAMP, WILL AT CL 69 SBIOI, BACKFILL W/ BENTONITE C'hIPS. TO GOND. SUNFACE 12.15 John JEL. AT BLD 1236, TUAN OFF LIGHTS, IN PLUL FRIDUR (DUMPED ICE W ONTETOR OMM); 1232 LV, BLD 1036, DOOR Th OCHES 1245 ARTON KEHS TR. BUD. MAGE to Obort HANGE - ILE WAS NOT MINA, LIZET ON DESK, SCT. STATICAL (RANTE CONTROL) SAID ITE WOULD TELL IGEA. STOPPED BY AND SAW KATER TALY THRUM SEOLPK. 1255 W OH ARNY BASE FOR ME KIDEL

05-12-15 ROWING CLEAR GO'S IN So ECC (J. DONNAN & F. ROCKA) AT OH ANNO HEADQUAKTENS-GET BLD 1036 KEL FROM K, SKOLAK 1250 AT BLD 1036. 1255 1945 MERTINE, 1310 AT CLT9 MIA DUSY. WILL COLL SURFRER SOIL ISM ranges FUR METALS one, No DUP'S, MS/MSO OR FULL SUITAS WILL BE COLL, AT AND DU DUNING THIS SAMPLING EVENT. 1830 FINISH ALL SURFACE SOILS SAMPLINE AT CG79 MSA 00 3 31, 32, 33, 34, 435. 1845 LV. BLD 1636, BLD LOCKED. samples on ICK.

5- 13-13 RAVENME CLOVER, 505 6700 EGC AT BLO 1036. WILL COLL. SUAPPOCK SOIK SAMPLES AT CC79 RT80 TANK PARM, DUS 6+7, DUS (TAL MATAL) UNTIL RESULTS FOR DUOG ARK IN. 0715 Hts MERTINGO, WILL USE GPS TO LOCATE DUS 6+7, 6730 AT RT'SD park form, KAVIN SEOLIK ON SITE, 0 No & & OFF SITE. 1030 FULL COLL DUOGTO? AT RT80 JACK FARM. / 102 COLL. RINSATE BLK. FOR METALS + 196. 1115 AT 47-70 RIV TO TAKER PIX. OF REPOIR PIT 1130 DAUP OFT KET TO BLD 1036 W/ JOHNN SIED LAKE. GIVE KATTE PAIT COPY ON VAVE INSPECTION. 1155 DNOP SAMPLES W/ TA COURSER. AT GATE. 1230 DROP GPS UNIT AT FEDEX PARO TO AIRPORT

APPENDIX E.6 PHOTOIONIZATION DETECTOR

CALIBRATION FORMS



Project/Site Name Ravenna, Ohio Calibrated By David Comean

Instrument/Ser	ial Number	Pre-calibration Reading	Post-calibration Reading	Calibration Gas/Concentration	Date
MiniRae 3000 PID	06087	0.8/102	0,3/99,8	Isobutylene / 100ppm	3-18-13
MiniRae 3000 PID	3443	04/107	1,0/10/	Isobutylene / 100ppm	3-18-13
MiniRae 3000 PID	344)	0,7/101	0.5/98.7	Isobutylene / 100ppm	3-19-13
MiniRae 3000 PID	3443	0,2/104	1.2/103	Isobutylene / 100ppm	3-20-13
MiniRae 3000 PID	3443	0,4/10/	0.9/99,8	Isohutylene / 100ppm	3-21-13
MiniRae 3000 PID	3443	0.8/102	1.1/98.9	Isobutylene / 100ppm	3-22-13
MiniRae 3000 PID	344)	0.5/99.8	1.2/10/3	Isobutylene / 100ppm	3-23-13
MiniRae 3000 PID	3443	0.2/10/	0.8/98,7	Isobutylene / 100ppm	3-25-13
MiniRae 3000 PID	3443	0.4/98,8	0.4/100,2	Isobutylene / 100ppm	3-26-13
MiniRae 3000 PID	3443	1.1/10/.2	6,3/99,2	Isobutylene / 100ppm	3-27-13
MiniRae 3000 PID	3443	0,7/98,9	0,6/100,7	Isobutylene / 100ppm	3-28-17
MiniRae 3000 PID	344)	6.8/99.7	0,2/101,1	Isobutylene / 100ppm	3-29-13

Project/Site Name	Calibrated By JEFF DONOVAN
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Instrument/Ser	ial Number	Pre-calibration Reading	Post-calibration Reading	Calibration Gas/Concentration	Date
MiniRae 3000 PID 2000	3443	0.6/101.2		Isobutylene / 100ppm	4-1-13
MiniRae 3000 PID 2000	3443	1.0/100,6	0.7/98.5	Isobutylene / 100ppm	4-2-13
MiniRae 3000 PID	<i>3443</i>	0,3/99,7	0.8/100,2	Isobutylene / 100ppm	4-3-13
MiniRae 3000 PID	3443	0.5/101.2	11/98.9	Isobutylene / 100ppm	4-4-13
MiniRae 3000 PID			11/11/11	Isobutylene / 100ppm	
MiniRae 3000 PID				Isobutylene / 100ppm	
MiniRae 3000 PID				Isobutylene / 100ppm	
MiniRae 3000 PID	,			Isobutylene / 100ppm	
MiniRae 3000 PID				Isobutylene / 100ppm	
MiniRae 3000 PID				Isobutylene / 100ppm	
MiniRae 3000 PID				Isobutylene / 100ppm	
MiniRae 3000 PID				Isobutylene / 100ppm	

Project/Site Name Rayenna AAP, OHIO	Calibrated By David Gmean
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Instrument/Serial Number	Pre-calibration Reading	Post-calibration Reading	Calibration Gas/Concentration	Date
MiniRae 3000 PID PGM 7320	0.0 / 100	010/98.7	Isobutylene / 100ppm	4/2/15
MiniRae 3000 PID			Isobutylene / 100ppm	.,,,,,,
MiniRae 3000 PID	_		Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	· · · · · · · · · · · · · · · · · · ·
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	·
MiniRae 3000 PID			Isobutylene / 100ppm	

Project/Site Name RANNA AAP	Calibrated By Vilovovan
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Instrument/Serial Number	Pre-calibration Reading	Post-calibration Reading	Calibration Gas/Concentration	Date
MiniRae 3000 PID 592 -90/222	98.6	101.4	Isobutylene / 100ppm	4-29-15
592 -90/227 MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID			Isobutylene / 100ppm	
MiniRae 3000 PID	100000		Isobutylene / 100ppm	



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Order No.:

RR99410

Date:

4/23/2015

Technician:

KM

Company: Environmental Chemical

Contact:

Jeff Donovan

Phone #: #N/A

Packing List

Item	Serial Number	Included	QC
MiniRAE 3000	592-901777	✓	
Manual		✓	
Charger		✓	
Probe Tip		✓	
Alkaline Battery P	ack	✓	
External Filters		✓	
Software			
Comm. Cable			
Regulator		✓	
Tedlar Bag		✓	
Calibration Gas			
Tube Holder		on the state of th	
Zero Tubes			

Calibration Report

Item		Informati	ion
MiniRAE 3000	592-901777		
Calibration Gas:		Isobutylene	
Lot Number:		44323-2	:3
Span Setting:		100.00	ppm
Correction Factor:		1.00	
Zero Reading:		0.00	ppm
Span Reading:		100.00	ppm
Post-Cal Bump Tes	<i>t</i> :	101.50	ppm
Lamp		11.7 eV	/

Need help with the calibrating your PID?

We have "How To" Videos on our website. Use your smart phone's QR Code reader to find our videos at: usenvironmental.com/technical-support/videos/



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