

August 12, 2021

Jeff Ackerman Wisconsin Department of Natural Resources 3911 Fish Hatchery Rd Fitchburg, WI 53711

Re: Remedial Action Options Evaluation and Interim Action Design Report

Wagner Property 401 N. Wisconsin Street Elkhorn, Wisconsin 53121 BRRTS# 02-65-544400

Dear Mr. Ackerman:

EnviroForensics, LLC (EnviroForensics) is pleased to submit this Remedial Action Options Evaluation and Interim Action Design Report (Report) for the Wagner Property site located at 401 N. Wisconsin Street in Elkhorn, Wisconsin. An electronic copy has been uploaded to the RR Program Submittal Portal. The Report has been prepared in accordance with the requirements of Wisconsin Administrative Code (WAC) Chapter NR 724.

The estimated costs to complete the tasks presented in the Report are summarized in the enclosed cost detail sheets and DERF Reimbursement Linking Spreadsheet (Form 4400-214D). These costs represent project change order #2. The cost estimate assumes that contaminated soil removed as part of the proposed excavation will be accepted at the landfill as daily cover based on waste characterization sampling results. If this is not the case, and/or if some portion of the soil is characterized as hazardous waste, then disposal costs will increase and a separate change order will be submitted for approval.

On behalf of the responsible party, EnviroForensics is requesting a written response to the Report and/or approval to proceed with the actions presented therein.

Sincerely,

EnviroForensics, LLC

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Brian Kappen, PG Project Manager

enclosures

Copy: Karin Wagner, Wagner & Gustafson, LLC

Site Name: Wagner Property

BRRTS #: 02-65-544400

Type of Action: Remediation

Dry Cleaner Environmental Response Program
Reimbursement Cost Detail Linking Spreadsheet Form 4400-214D (R 08/12)

| TASKS | | BUD | GET | | INVOICES | | | | DERF | COST BREA | KOUT (this cla | aim) | | | | |
|--------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|--------|--------------|----------------------------------------------|-------------------------|----------------------------|--------------------------|-----------------------------------|---------------------------------|---------------------------------|-------------------------------|------------------------------|-----------------------------|----------------------------------------------------------|-----------------------------|
| Bid / Budgeted Description | Bid / Budgeted Amount | Total Approved Budget | DC-599 | DC-640 | Provider Name, Invoice #, Billing Date | Total Invoiced Costs | A Soil Investigation | B Soil Remediation | C Groundwater Investigation | D Groundwater Remediation | E Air/Vapor Investigation | F Air/Vapor Remediation | G Lab & Other Analysis | H Miscellaneous Costs | Budget Remaining Use (-) to indicate cost over-run | % Task Complete, Remarks |
| Consultant Costs | | | | | | | | | | | | | | | | |
| Phase 1a - Remedial Action Evaluation and Interim Action Design Report | \$ 9,875.00 | \$ 9,875.00 | | | | \$ - | | | | | | | | | \$ 9,875.00 | Task % Complete |
| Phase 1b - HASP and Waste Characterization Sampling | \$ 2,940.00 | \$ 2,940.00 | | | | \$ - | | | | | | | | | \$ 2,940.00 | |
| Phase 1c - Excavation, Transport, Disposal, Backfill, Compaction, and Post-Excavation Soil Sampling | \$ 6,945.00 | \$ 6,945.00 | | | | \$ - | | | | | | | | | \$ 6,945.00 | |
| Phase 1d - Interim Action Completion Report | \$ 4,095.00 | \$ 4,095.00 | | | | \$ - | | | | | | | | | \$ 4,095.00 | |
| Phase 1e - Well Installation and Sampling | \$ 7,745.00 | \$ 7,745.00 | | | | \$ - | | | | | | | | | \$ 7,745.00 | |
| Phase 1f - Project Coordination | \$ 1,870.00 | \$ 1,870.00 | | | | \$ - | | | | | | | | | \$ 1,870.00 | |
| Consultant Cost Total | \$ 33,470.00 | \$ 33,470.00 | \$ - | \$ - | \$ - | \$ - | | | | | | | | | \$ 33,470.00 | |
| Sub-Contractor Costs | | | | | | | | | | | | | | | | |
| Driller | \$ 5,900.00 | \$ 5,900.00 | | | | \$ - | | | | | | | | | \$ 5,900.00 | |
| Analytical | \$ 7,040.00 | \$ 7,040.00 | | | | \$ - | | | | | | | | | \$ 7,040.00 | |
| Excavator | \$ 25,050.00 | \$ 25,050.00 | | | | \$ - | | | | | | | | | \$ 25,050.00 | |
| Waste Disposal | \$ 17,275.00 | | | | | \$ - | | | | | | | | | \$ 17,275.00 | |
| Surveyor | \$ 900.00 | \$ 900.00 | | | | \$ - | | | | | | | | | \$ 900.00 | |
| Sub-Contractor Cost Total | \$ 56,165,00 | \$ 56,165.00 | \$ - | \$ - | \$ - | \$ - | | | | 1 | | | | | \$ 56,165.00 | |
| DERF ELIGIBLE SUB-TOTALS | | \$ 89,635.00 | | \$ 49,981.79 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 89,635.00 | |

| Non-DERF Eligible Expenses | | |
|----------------------------|------|---------|
| | | \$ - |
| | | \$ - |
| Non-DERF Cost Total | \$ - | \$ - |
| INVOICE GRAND TOTAL | \$ - | \$ - |

Chook Numbers

Total DERF Eligible Costs This Claim

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TABLE 1 INTERIM ACTION AND DATA COLLECTION COST ESTIMATE

Wagner Property Elkhorn, Wisconsin

| TASK | LABOR COSTS | SUB- CONTRACTOR COSTS | DIRECT COSTS | PHASE COST |
|------------------------------------------------------------------------------------------|----------------|-----------------------------|-----------------|------------|
| Ph | ase 1a | | | |
| Remedial Action Evaluation and Interim Action Design Report | \$9,860 | \$0 | \$15 | \$9,875 |
| Ph | ase 1b | | | |
| HASP and Waste Characterization Sampling | \$2,530 | \$3,200 | \$410 | \$6,140 |
| Ph | ase 1c | | | |
| Excavation, Transport, Disposal, Backfill, Compaction, and Post Excavation Soil Sampling | \$6,075 | \$40,935 | \$870 | \$47,880 |
| Ph | ase 1d | | | |
| Interim Action Completion Report | \$4,075 | \$0 | \$20 | \$4,095 |
| Ph | ase 1e | | | |
| Well Installation and Sampling | \$5,820 | \$12,030 | \$1,925 | \$19,775 |
| Ph | ase 1f | | | |
| Project Coordination | \$1,870 | \$0 | \$0 | \$1,870 |
| TOTAL | \$30,230 | \$56,165 | \$3,240 | \$89,635 |

Project Title:
Project Number/Name:

Interim Remedial Action
6526 Wagner Property
11/13/2019



| | 2 11130 14 | | | va and | Interim Action Desig | ,рч- | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------|-----------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Labor - Field | Price | Unit | # Units | | | Subtotal | Task |
| Principal | \$ 210.00 | hr | | | | \$0.00 | |
| Chief Technical Officer | \$ 200.00 | hr | | | | \$0.00 | |
| Director | \$ 160.00 | hr | | | | \$0.00 | |
| Sr Project Manager | \$ 155.00 | hr | | | | \$0.00 | |
| Sr Professional | \$ 155.00 \$ 130.00 | hr | | | | \$0.00 \$0.00 | |
| Project Manager Project Professional | \$ 130.00 | hr hr | | | | \$0.00 | |
| Staff Professional-Office | \$ 120.00 | hr | | | | \$0.00 | |
| Staff Professional-Field | \$ 105.00 | hr | | | | \$0.00 | |
| Field Professional | \$ 100.00 | hr | | | | \$0.00 | |
| Drafting | \$ 95.00 | hr | | | | \$0.00 | |
| Admin | \$ 65.00 | hr | | | | \$0.00 | |
| Compliance Specialist | \$ 130.00 | hr | | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ 170.00 | hr | | | | \$0.00 | |
| Health and Safety Specialist | \$ 130.00 | hr | | | | \$0.00 | |
| | | <u> </u> | | | | \$0.00 \$0.00 | \$0. |
| | | | | | | ψ0.00 | 90. |
| Labor - Office/Reporting | Price | Unit | # Units | | | Subtotal | Task |
| Principal | \$ 210.00 | hr | | | | \$0.00 | |
| Chief Technical Officer | \$ 200.00 | hr | | | | \$0.00 | |
| Director | \$ 160.00 | hr | 1.0 | | | \$160.00 | |
| Sr Project Manager | \$ 155.00 | hr | 2.0 | | | \$310.00 | |
| Sr Professional | \$ 155.00 | hr | 44.0 | | | \$6,820.00 | |
| Project Manager | \$ 130.00 | hr | 1 | | | \$0.00 | |
| Project Professional Staff Professional-Office | \$ 130.00 \$ 120.00 | hr hr | 14.0 | | | \$0.00 \$1,680.00 | |
| Staff Professional-Field | \$ 105.00 | hr | 14.0 | | | \$0.00 | |
| Field Professional | \$ 100.00 | hr | | | | \$0.00 | |
| Drafting | \$ 95.00 | hr | 8.0 | | | \$760.00 | |
| Admin | \$ 65.00 | hr | 2.0 | | | \$130.00 | |
| Compliance Specialist | \$ 130.00 | hr | | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ 170.00 | hr | | | | \$0.00 | |
| Health and Safety Specialist | \$ 130.00 | hr | | | | \$0.00 | |
| | | ļ | <u> </u> | l | | \$0.00 \$9,860.00 | \$9,8 |
| | | | | | | | |
| Contractors/Consultants | Price | Unit | # Units | Markup | | Subtotal | Task |
| Utility Locate | | LS | | 1.00 | | \$0.00 | |
| Driller | | LS LS | | 1.00 | | \$0.00 \$0.00 | |
| Surveyor Waste Disposal | | LS | | 1.00 | | \$0.00 | |
| WDNR | | LS | | 1.00 | | \$0.00 | |
| Remediation | | LS | | 1.00 | | \$0.00 | |
| | | | | 1.00 | | \$0.00 | |
| | | | | 1.00 | | \$0.00 | |
| | | | | | | Φ0.00 | |
| | | | | 1.00 | | \$0.00 | |
| | | | | 1.00 1.00 | | \$0.00 \$0.00 | |
| | | | | | | \$0.00 | \$0 |
| Contractor/Consultent Labora | foru D. | H1-2- | # 17 | 1.00 | | \$0.00 \$0.00 \$0.00 | \$0 |
| Contractor/Consultant - Labora | | Unit | # Units | 1.00 Markup | | \$0.00 \$0.00 \$0.00 Subtotal | \$0 |
| Soil VOC 8260 dry wt | \$ 70.00 | ea | # Units | 1.00 Markup 1.00 | | \$0.00 \$0.00 \$0.00 Subtotal \$0.00 | \$0 |
| | \$ 70.00 \$ 130.00 | ea ea | # Units | 1.00 Markup 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 Subtotal \$0.00 \$0.00 | \$0 |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 | \$ 70.00 \$ 130.00 | ea | # Units | 1.00 Markup 1.00 | | \$0.00 \$0.00 \$0.00 Subtotal \$0.00 | \$0 |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 | \$ 70.00 \$ 130.00 \$ 65.00 | ea ea ea | # Units | 1.00 Markup 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 Subtotal \$0.00 \$0.00 | \$0 |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 | ea ea ea ea | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0 |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 | ea ea ea ea | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0 |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 | ea | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0 |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | ca ca ca ca ca ca | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 | ea | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | ca c | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | ca c | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | ca c | # Units | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 5 10.00 \$ 5 50.00 \$ 5 50.00 | ea ca | | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 5 10.00 \$ 5 50.00 \$ 5 50.00 | ca c | | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 5 10.00 \$ 5 50.00 \$ 5 50.00 | ca c | | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 5 10.00 \$ 5 50.00 \$ 5 50.00 | ca c | | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
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| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 5 10.00 \$ 5 50.00 \$ 5 50.00 | ca c | | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 5 10.00 \$ 5 50.00 \$ 5 50.00 | ca c | | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |

| | Expense | (hr/ | unit) | Hrs/Units | t (da | y/use) | # days/use | (weeks/use | weeks/use | I Sub | ototal | |
|------------|------------------------------------------------------------------------------------------------------|----------|-----------------|---------------|----------|------------------|------------|------------|-----------|----------|--------|------|
| | Field Vehicle - Full Day | \$ | 20.00 | III s/ Cilits | \$ | 130.00 | # days/usc | (weeks/use | weeks/use | \$ | - | |
| Vehicles | Support Vehicle - Full Day only for daily use over 230 miles) | \$ | 30.00 0.545 | | \$ | 180.00 | | | | \$ | - | |
| | Air Velocity Meter (per use) | | | | \$ | 25.00 | | | | \$ | - | |
| | Multi-meter Conductivity/pH/Temp/TDS Dissolved Oxygen Meter | | | | \$ | 165.00 40.00 | | | | \$ | - | |
| | FID Foxboro/Sensidyne (TIP) Flow Calibrator | | | | \$ \$ | 155.00 | | | | \$ \$ | | |
| Meters | Methane Meter | | | | \$ | 30.00 116.00 | | | | \$ | - | |
| | PID or 580 OVM Turbidity Meter | | | | \$ \$ | 120.00 30.00 | | | | \$ | - | |
| | ppb RAE | | | | \$ | 175.00 | | | | \$ | - | |
| | Ozone Leak Detector Inline Ozone Meter | | | | \$ | 135.00 230.00 | | | | \$ | - | |
| | ORP Meter | | | | \$ | 30.00 | | | | \$ | - | |
| | Air Pump - Low Flow (Barcad) Development Pump | | | | \$ | 25.00 130.00 | | | | \$ | - | |
| | Electric Submersible Pump with Control Box (Unit Low-Flow Sampling Bladder | s) \$ | 12.00 | | \$ | 130.00 | | | | \$ \$ | | |
| Pumps | Peristaltic Pump | J. | 12.00 | | \$ | 105.00 | | | | \$ | - | |
| Tumps | Pumping Test Accessory Equipment (Flow Meters Portable SVE Unit - 1.5 HP | \$ | 100.00 | | \$ | 155.00 | | | | \$ \$ | - | |
| | Intrinsically Safe Vapor Evacuation Blower | | | | \$ | 125.00 | | | | \$ | - | |
| | Pneumatic Low-Flow Pump - 1" Well and Multimeter | | | | \$ | 50.00 270.00 | | | | \$ | - | |
| | Asbestos Sampling Kit | | | | \$ | 250.00 | | | | \$ | - | |
| | Asbestos Investigation Supplies Asbestos Sampling Core | \$ | 2.50 | | \$ | 130.00 | | | | \$ | - | |
| | Backpack Blower | ¢ | 10.00 | | \$ | 75.00 | | \$ 200.00 | | \$ | - | |
| | Bailers (Disposable) Bailers (Non-Disposable) | \$ | 10.00 | | \$ | 15.00 | | | | \$ \$ | - | |
| | Core Boxes Core Sampler | \$ | 10.00 | | \$ | 55.00 | | | | \$ \$ | - | |
| | De-scaler | | | | \$ | 100.00 | | | | | - | |
| | Data Logger with Transducer Well Caps | \$ | 30.00 | | \$ | 155.00 | | | | \$ \$ | | |
| | Elec. Well Sounder (Probe) | , | 50.00 | | \$ | 30.00 | | | | \$ | - | |
| | Metal Detector 5035 Sample Kit | \$ | 16.00 | | \$ | 50.00 | | | | \$ | - | |
| | P/T Plugs | \$ | 5.00 | | | | | | | \$ | - | |
| | Field Book Filter - Large | \$ | 11.00 23.00 | | | | | | | \$ | - | |
| | Filter - Small | \$ | 11.00 | | 6 | 105.00 | | | | \$ | - | |
| | Generator Hand Auger | | | | \$ \$ | 105.00 30.00 | | | | \$ | - | |
| | Helium QA/QC Kit Helium QA/QC Accessories | \$ | 20.00 | | \$ | 265.00 | | | | \$ | | |
| | Oil/Water Interface Probe | J. | 20.00 | | \$ | 105.00 | | | | \$ | - | |
| | Nitrile Sampling Gloves (Disposable) Padlocks | \$ \$ | 0.13 | | | | | | | \$ \$ | - | |
| | Passive Diffusion Bag | \$ | 35.00 | | | | | | | \$ | - | |
| | PDB Harness Steam Cleaner | \$ | 80.00 | | \$ | 130.00 | | | | \$ | - | |
| | Transducer (ea) | | | | \$ | 40.00 | | | | \$ | - | |
| | Coring Machine Rotary Hammer Drill | | | | \$ | 200.00 170.00 | | | | \$ | - | |
| | Hand Drill | | | | \$ \$ | 75.00 40.00 | | | | \$ \$ | | |
| | NAPL Sample Kit Surveying Equipment | | | | \$ | 50.00 | | \$ 200.00 | | \$ | - | |
| Other | SVE Inlet Air Filter SVE Dilution Air Filter | | | | \$ \$ | 80.00 28.00 | | | | \$ | - | |
| | SVE Blower Oil (quart) | | | | \$ | 32.00 | | | | \$ | - | |
| | SVE Blower Grease (tube) O2 Meter | | | | \$ \$ | 20.00 50.00 | | \$ 175.00 | | \$ | - | |
| | Ozone Air Filter Holder | | | | \$ | 18.00 | | | | \$ | - | |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/4" Of Tubing (Bonded) - Polyethylene (Teflon): 1/4" Of | | 1.50 | | | | | | | \$ | - | |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/16" (Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" | \$ | 1.25 | | | | | | | \$ \$ | | |
| | Tubing - Polyethylene: 1/4" OD (per foot) | \$ | 0.60 | | | | | | | \$ | - | |
| | Tubing - Polyethylene: 1/2" OD (per foot) Tubing - Tygon: 3/8" STD (per foot) | \$ | 0.85 4.45 | | | | | | | \$ \$ | - | |
| | Tubing - Silicone: 3/8" STD (per foot) | \$ | 4.50 | | | | | | | \$ | - | |
| | System Wiring (per foot) PFA Tubing - 1/2-inch ID | \$ | 5.00 | | | | | | | \$ | - | |
| | Manual Drive Point Kit | \$ | 90.00 | | | | | | | \$ | - | |
| | 55-Gallon Drum 550 gal poly tank | \$ | 55.00 | | \$ | 40.00 | | | | \$ \$ | - | |
| | 325 gal poly tank Temporary Sampling Port | \$ | 25.00 | | \$ | 30.00 | | | | \$ \$ | - | |
| | Temporary Sampling Port Trimmer | J. | ∠3.00 | | \$ | 50.00 | | | | , | - | |
| | Vapor Pin Sub-Slab Sampling Port Sub-Slab Cover (Stainless Steel) | \$ \$ | 75.00 40.00 | | | | | | | \$ \$ | | |
| | Well abandonment kit | \$ | 25.00 | | | | | | | \$ | - | |
| | Well Cover 8X12" Measuring Wheel | \$ | 105.00 | | \$ | 15.00 | | | | \$ | - | |
| | Measuring Wheel or Pole | | | | \$ | 15.00 | | | | \$ | - | |
| | Camera 1L Tedlar Bag | \$ | 20.00 | | \$ | 25.00 | | | | \$ | - | |
| | Radon Sample Kit | \$ | 30.00 | | | | | | | \$ | - | |
| | HAZMAT Exemption Shipper Manometers | \$ | 40.00 105.00 | | | | | | | \$ \$ | - | |
| | Westlaw CAD/drafting/graphics | \$ \$ | 105.00 90.00 | | | | | | | \$ \$ | - | |
| | Barricades & Traffic Signs | | . 0.00 | | \$ | 10.00 | | | | \$ | - | |
| | Fall Protection Gloves (Chemical Resistant) | \$ | 10.00 | | \$ | 25.00 | | | | \$ | - | |
| Safety | Level "B": Level "C1" plus SCBA | | | | \$ | 210.00 | | | | \$ | - | |
| - | Level "C1": Level "C2" plus Polycoat Suit Level "C2": Level "D" plus Respirator | | | | \$ | 85.00 40.00 | | | | \$ \$ | - | |
| | Standby SCBA | | | | \$ | 130.00 | | | | \$ | - | |
| | Routine Field and Safety Equipment 1 Inch Binder | \$ | 9.00 | | 2 | 60.00 | | | | \$ | - | |
| | 2 Inch Binder 3 Inch Binder | \$ | 12.00 | | F | | | | | s s | - | |
| | 4 Inch Binder | \$ | 15.00 22.00 | | | | | | | \$ | - | |
| Production | Binder Tabs (Set of 8) Color Copies | \$ \$ | 5.00 0.40 | 10 | | | | | | \$ \$ | 4.00 | |
| | B/W Copies | \$ | 0.25 | 44 | | | | | | \$ | 11.00 | |
| | Document - Format/Sending Report CD Copy | \$ | 15.00 5.00 | | | | | | | \$ | - | |
| | | | D. T. | OP TO | | | | | | \$ | 15.00 | \$1 |
| | | | PHA | SE TOTA | AL | | | | | | | \$9, |

 Project Title:
 Interim Remedial Action

 Project Number/Name:
 6526 Wagner Property

 Date:
 11/13/2019



\$100.00

\$100.00

| Labor - Field | _ | n · | ** * | # ** *· | 1 | ĺ | - | 6 | , |
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| | | Price | Unit | # Units | | | | Subtotal | Tasl |
| Principal | \$ | 210.00 | hr | | | | | \$0.00 | |
| Chief Technical Officer | \$ | 200.00 | hr | | | | | \$0.00 | |
| Director | \$ | 160.00 | hr | | | | | \$0.00 | |
| Sr Project Manager | \$ | 155.00 | hr | | | | | \$0.00 | |
| Sr Professional | \$ | 155.00 | hr | | | | | \$0.00 | |
| Project Manager | \$ | 130.00 | hr | | | | | \$0.00 | |
| Project Professional | \$ | 130.00 | hr | | | | | \$0.00 | |
| Staff Professional-Office | \$ | 120.00 | hr | | | | | \$0.00 | |
| Staff Professional-Field | \$ | 105.00 | hr | | | | | \$0.00 | |
| Field Professional | \$ | 100.00 | hr | 10.0 | | | | \$1,000.00 | |
| Drafting | \$ | 95.00 | hr | | | | | \$0.00 | |
| Admin | \$ | 65.00 | hr | | | | | \$0.00 | |
| Compliance Specialist | \$ | 130.00 | hr | | | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ | 170.00 | hr | | | | | \$0.00 | |
| Health and Safety Specialist | \$ | 130.00 | hr | | | | | \$0.00 | |
| | | | | | | | | \$0.00 | 0.4 |
| | | | | | | | | \$1,000.00 | \$1, |
| I I Off ID | _ | | | | ı | ı | | | |
| Labor - Office/Reporting | | Price | Unit | # Units | | | | Subtotal | Tas |
| Principal | \$ | 210.00 | hr | | | | | \$0.00 | |
| Chief Technical Officer | \$ | 200.00 | hr | ļ | | | | \$0.00 | |
| Director | \$ | 160.00 | hr | ļ | | | | \$0.00 | |
| Sr Project Manager | \$ | 155.00 | hr | | | | | \$0.00 | |
| Sr Professional | \$ | 155.00 | hr | 6.0 | | | | \$930.00 | |
| Project Manager | \$ | 130.00 | hr | | | | | \$0.00 | |
| Project Professional | \$ | 130.00 | hr | | | | | \$0.00 | |
| Staff Professional-Office | \$ | 120.00 | hr | | | | | \$0.00 | |
| Staff Professional-Field | \$ | 105.00 | hr | | | | | \$0.00 | |
| Field Professional | \$ | 100.00 | hr | 6.0 | | | | \$600.00 | |
| Drafting | \$ | 95.00 | hr | | | | | \$0.00 | |
| Admin | \$ | 65.00 | hr | | | | | \$0.00 | |
| Compliance Specialist | \$ | 130.00 | hr | | | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ | 170.00 | hr | | | | | \$0.00 | |
| Health and Safety Specialist | \$ | 130.00 | hr | | | | | \$0.00 | |
| | | | | | | | | \$0.00 | |
| | | | | | | | | \$1,530.00 | \$1 |
| | | | | | | ı | | | |
| Contractors/Consultants | | Price | Unit | # Units | Markup | | | Subtotal | Tas |
| Utility Locate | e. | 1 200 00 | LS | 1.0 | 1.00 | | | \$0.00 | |
| Driller (Waste Characterization) | \$ | 1,200.00 | LS | 1.0 | 1.00 | | | \$1,200.00 | |
| | - | | | | 1.00 | | | \$0.00 | |
| | | | | - | 1.00 | | | \$0.00 | |
| | L | | | | 1.00 | | | | |
| | Т | | | | | | | \$0.00 | |
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| | | | | | 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 | |
| | | | | | 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| | | | | | 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 | \$1, |
| Contractor/Consultant - Laboratory | | Price | Unit | # Unite | 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 | \$1, |
| Contractor/Consultant - Laboratory | | Price 70.00 | Unit | # Units | 1.00 1.00 1.00 1.00 Markup | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 | \$1, |
| Soil VOC 8260 dry wt | \$ | 70.00 | ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 Markup | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$ubtotal \$700.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 | \$ | 70.00 130.00 | ea ea | | 1.00 1.00 1.00 1.00 1.00 Markup 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,200.00 \$1,300.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 | \$ \$ \$ | 70.00 130.00 65.00 | ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC | \$ \$ \$ | 70.00 130.00 65.00 65.00 | ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas | \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 | ea ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab | \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 | ea ea ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air | \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 | ea ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$1, |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 | ea ea ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$1. |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air | \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 | ea ea ea ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$1. |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 | ea ea ea ea ea ea ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | SI |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 | ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 | ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 | ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 | ea | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 65.00 | ca c | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 65.00 | ca c | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 65.00 | ea Unit | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 65.00 | ea Unit day | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental (Barricades) | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 180.00 50.00 65.00 | ea Unit day LS | 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 \$1,200.00 \$0.00 \$1,300.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air Individual Certification Air Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs Expenses Hotel Meals Misc Materials | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 50.00 50.00 65.00 | ea Unit day LS LS LS | 10.0 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 Subtotal \$700.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental (Barricades) | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 50.00 50.00 65.00 | ea Unit day LS LS LS | 10.0 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 Subtotal \$700.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental (Barricades) | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 130.00 65.00 65.00 180.00 180.00 50.00 50.00 65.00 | ea Unit day LS LS LS | 10.0 10.0 | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$1,200.00 Subtotal \$700.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$1, |

| Manuscript (1996) 1 | | Air Velocity Meter (per use) Multi-meter Conductivity/pH/Temp/TDS | | | | \$ \$ | 25.00 165.00 | | | \$ - \$ - | 4 |
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| March | | Dissolved Oxygen Meter | | | | \$ | 40.00 | | | \$ - | 1 |
| March | | | | | | | | | | | 1 |
| Interest Name | Meters | Methane Meter | | | | - | 116.00 | , | | |] |
| Description of the control of the co | | | | | | | | 1 | | | <u>'</u> |
| Part | | | | | | - | | | | | 1 |
| Description Provided 1 | | | | | | | | | | | 1 |
| Part | | Air Pump - Low Flow (Barcad) | | | | \$ | 25.00 | | | \$ - | 1 |
| Protection Protects and Services (1997) Protection Protects (1997) Prote | | | ts) | | | | | | | | 1 |
| Design Local Action of Experiment Privates 6 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 10000 10000 10000 10000 10000 10000 10000 | | | \$ | 12.00 | | s | 105.00 | | | | - |
| Penning by Sept Penny 1986 | Pumps | Pumping Test Accessory Equipment (Flow Meters | \$ | 100.00 | | | | | | \$ - | 1 |
| Mile | | | | | | | | | | | 1 |
| Account No. of Section | | | | | | | | | | | 1 |
| Michael Surphing Flow \$ 2.20 \$ 1.00 \$ 2.00 \$ 5 . | | | | | | | | | | | 1 |
| Baltes (Oxposable) | | Asbestos Sampling Core | \$ | 2.50 | | 2 | 130.00 | | | \$ - | |
| No. Process | | | \$ | 10.00 | | \$ | 75.00 | | \$ 200.00 | | 1 |
| December | | | \$ | 10.00 | | \$ | 15.00 | | | | 1 |
| Note Common Processor | | Core Sampler | 3 | 10.00 | | | | | | | 1 |
| No. West Number (West) | | | | | | | | | | \$ - | 1 |
| Mail Placement | | | \$ | 30.00 | | s | 30.00 | | | | - |
| No | | Metal Detector | | | | - | | | | \$ - | 1 |
| Filter - Large | | | | | | | | | | \$ - | |
| Discrepance | | | | | | | | | | | 1 |
| Stand Augus | | | \$ | 11.00 | | \$ | 105.00 | | | | |
| Memory CACC Accordances \$ 20.00 \$ 10.50 \$ 5 | | Hand Auger | | | | | 30.00 | | | | 1 |
| North Sampling (Oreco Dispusshio) | | | s | 20.00 | | \$ | 265.00 | | | \$ - \$ - | <u> </u> |
| Pacific Color | | | \$ | 0.13 | | \$ | 105.00 | | | | - |
| POB Hammer S SO B S SO S S SO S S S S | | Padlocks | | | | | | | | | |
| Transferer (ea) | | PDB Harness | | | | | | | | \$ - | 1 |
| Moory Harmest Drill | | | | | | | | | | | ₫ |
| Man Drail | | | | | | | | | | | 4 |
| Serveying Enginemen | | | | | | | | | | | 1 |
| SYE Dilation & Per Water Sy | 0.1 | Surveying Equipment | | | | \$ | 50.00 | | \$ 200.00 | \$ - | 1 |
| SVE Blower Gross (subs) S 20,00 S 173,00 S - | Other | | | | | | | | | | 1 |
| OZ Meter | | | | | | - | | | | | 1 |
| Tubing (Bonded) - Polythylace (Tellon): 147-01 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1. | | | | | | - | | | \$ 175.00 | | 1 |
| Tubing (Bonded) - Polyethylane (Telhon) : UISC S | | Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI | | | | * | 10.00 | | | \$ - | 1 |
| Tubing - Polyhelphen: 14° OD (per foot) \$ 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0. | | | | | | | | | | \$ - | |
| Tubing - Polycylyten: Li2** OD (per foot) S 0.85 | | | | | | | | | | | 1 |
| Tubing - Silicone: 38" STD (per foot) | | Tubing - Polyethylene: 1/2" OD (per foot) | | | | | | | | | 1 |
| PFA Tubing = 1/2-inch ID | | Tubing - Silicone: 3/8" STD (per foot) | \$ | 4.50 | | | | | | \$ - | 1 |
| S-Gallon Dram | | | | | | | | | | | 1 |
| S50 gal poly tank | | | | | | | | | | | - |
| Temporary Sampling Port | | 550 gal poly tank | | | | | | | | \$ - | 1 |
| Vapor Pin Sub-Slab Sampling Port S 75,00 | | Temporary Sampling Port | \$ | 25.00 | | | | | | | 1 |
| Well abandonment kit | | | \$ | 75.00 | | \$ | 50.00 | | | \$ - | <u> </u> |
| Well Cover 8X12" \$ 105.00 \$ 15.00 \$ 5 | | | | | | | | | | | 4 |
| Measuring Wheel or Pole | | Well Cover 8X12" | \$ | | | • | 15.00 | | | | 1 |
| IL Tedlar Bag | | Measuring Wheel or Pole | | | | \$ | 15.00 | | | \$ - | 1 |
| HAZMAT Exemption Shipper | | | \$ | 20.00 | | \$ | 25.00 | | | | 1 |
| Manometers | | | | | | | | | | | - |
| CAD/drafting/graphics \$ 90.00 | | Manometers | | 105.00 | | | | | | | 1 |
| Fall Protection | | CAD/drafting/graphics | | | | | | | | \$ - | 1 |
| Evel B": Level "C1" plus SCBA \$ 210.00 \$ 5 - 1 | | | | | | | | | | | <u> </u> |
| Level "C1": Level "C2" plus Polycoat Suit S 85.00 S | | | \$ | 10.00 | | \$ | 210.00 | | | | 4 |
| Standby SCBA S 130.00 S | Safety | Level "C1": Level "C2" plus Polycoat Suit | | | | | | | | | 1 |
| 1 Inch Binder S 9,00 | | Standby SCBA | | | | \$ | 130.00 | | | \$ - | 1 |
| S 15.00 | | | \$ | 9.00 | | \$ | 60.00 | 1 | | \$ - | <u>'</u> |
| 4 Inch Binder \$ 22.00 \$ 0 \$ 5 \$ - Binder Tabs (Set of 8) \$ 5.00 \$ 5 \$ 5 \$ - Color Copies \$ 0.40 \$ 5 \$ 5 \$ - B/W Copies \$ 0.25 \$ 5 \$ 5 \$ 5 Document - Format/Sending \$ 15.00 \$ 5 \$ 5 \$ 5 Report CD Copy \$ 5.00 \$ 310.00 \$ 310.00 | | | | | | | | | | | 4 |
| Color Copies \$ 0.40 \$ 5 - B/W Copies \$ 0.25 \$ 5 - Document - Format/Sending \$ 15.00 \$ 5 - Report CD Copy \$ 5.00 \$ 5 - \$ 310.00 \$ 310.00 | Production | 4 Inch Binder | \$ | 22.00 | | | | | | \$ - | 1 |
| Document - Format/Sending \$ 15.00 \$ 5.00 \$ - \$ - \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 \$ 310.00 | Loguetidii | Color Copies | \$ | 0.40 | | | | | | \$ - | 1 |
| \$ 310.00 \$310.0 | | Document - Format/Sending | \$ | 15.00 | | | | | | \$ - | 1 |
| DHASE TOTAL | | Report CD Copy | \$ | 5.00 | <u></u> | | | | | | \$310.00 |
| THASE TOTAL \$0,1 | | | | PHA | SE TOTA | Ĺ | | | | | \$6,140 |

Project Title: Interim Remedial Action
Project Number/Name: 6526 Wagner Property
Date: 11/13/2019



| Labor - Field | | Price | Unit | # Units | | | Subtotal |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-------------------|--------------------------------------------------|------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------|
| Principal | \$ | 210.00 | hr | | | | \$0.00 |
| Chief Technical Officer | \$ | 200.00 | hr | | | | \$0.00 |
| Director | \$ | 160.00 | hr | | | | \$0.00 |
| Sr Project Manager | \$ | 155.00 | hr | | | | \$0.00 |
| Sr Professional | \$ | 155.00 | hr | | | | \$0.00 |
| Project Manager Project Professional | \$ \$ | 130.00 130.00 | hr hr | 8.0 | | | \$0.00 \$1,040.00 |
| Staff Professional-Office | \$ | 120.00 | hr | 8.0 | | | \$0.00 |
| Staff Professional-Field | \$ | 105.00 | hr | | | | \$0.00 |
| Field Professional | \$ | 100.00 | hr | 36.0 | | | \$3,600.00 |
| Drafting | \$ | 95.00 | hr | | | | \$0.00 |
| Admin | \$ | 65.00 | hr | | | | \$0.00 |
| Compliance Specialist | \$ | 130.00 | hr | | | | \$0.00 |
| Vapor Intrusion Specialist | \$ | 170.00 | hr | | | | \$0.00 |
| Health and Safety Specialist | \$ | 130.00 | hr | | | | \$0.00 |
| | | | | | | | \$0.00 \$4,640.00 |
| | | | | | | | \$4,040.00 |
| Labor - Office/Reporting | | Price | Unit | # Units | | | Subtotal |
| Principal | \$ | 210.00 | hr | | | | \$0.00 |
| Chief Technical Officer | \$ | 200.00 | hr | | | | \$0.00 |
| Director | \$ | 160.00 | hr | 1.0 | | | \$160.00 |
| Sr Project Manager | \$ | 155.00 | hr | 5.0 | | | \$775.00 |
| Sr Professional | \$ | 155.00 | hr | | | | \$0.00 |
| Project Manager | \$ | 130.00 | hr | 1 | 1 | | \$0.00 |
| Project Professional | \$ | 130.00 | hr | 1 | 1 | | \$0.00 |
| Staff Professional-Office Staff Professional Field | \$ | 120.00 | hr | 1 | | | \$0.00 |
| Staff Professional-Field | \$ \$ | 105.00 | hr | 5.0 | | | \$0.00 |
| Field Professional Drafting | \$ | 100.00 95.00 | hr hr | 5.0 | - | | \$500.00 \$0.00 |
| Admin | \$ | 65.00 | hr | | - | | \$0.00 |
| Compliance Specialist | \$ | 130.00 | hr | 1 | | | \$0.00 |
| Vapor Intrusion Specialist | \$ | 170.00 | hr | | | | \$0.00 |
| Health and Safety Specialist | \$ | 130.00 | hr | | | | \$0.00 |
| | | | | | | | \$0.00 |
| | | | | | | | \$1,435.00 |
| Contractors/Consultants | | Price | Unit | # Units | Markup | | Subtotal |
| Utility Locate | | | LS | " Onits | 1.00 | | \$0.00 |
| Driller (Waste Characterization) | 1 | | LS | 1 | 1.00 | | \$0.00 |
| Excavation and Backfilling | \$ | 25,050.00 | LS | 1.0 | 1.00 | | \$25,050.00 |
| Waste Disposal | \$ | 37.50 | ton | 390.0 | 1.00 | | \$14,625.00 |
| | | | | | | | \$0.00 |
| | _ _ | | | | | | \$0.00 |
| | | | | | | | \$0.00 |
| | _ _ | | | | 1 | | \$0.00 |
| | _ | | | <u> </u> | - | | \$0.00 |
| | | | | <u> </u> | 1 | | \$0.00 \$39,675.00 |
| | | | | | | | \$39,073.00 |
| Contractor/Consultant - Laborator | у | Price | Unit | # Units | Markup | | Subtotal |
| Soil VOC 8260 dry wt | \$ | 70.00 | ea | 18.0 | 1.00 | | \$1,260.00 |
| Soil VOC TCLP 1311 | \$ | 130.00 | ea | | 1.00 | | \$0.00 |
| GW VOC 8260 | \$ | 65.00 | ea | <u> </u> | 1.00 | | \$0.00 |
| GW VOC 8260 QA/QC | \$ | 65.00 | ea | ļ | 1.00 | | \$0.00 |
| Air TO-15 Soil Gas | \$ | 180.00 | ea | ļ | 1.00 | | \$0.00 |
| Air TO-15 Sub-Slab | \$ | 180.00 | ea | 1 | 1.00 | | \$0.00 |
| Air TO 15 Indoor Air | \$ | 180.00 | ea | <u> </u> | 1.00 | | \$0.00 |
| Air TO-15 Indoor Air | \$ | 50.00 | ea | 1 | 1.00 | | \$0.00 |
| Air - Individual Certification | - | | LS | 1 | 1.00 | | \$0.00 |
| Air - Individual Certification Air - Batch Certification | \$ | 50.00 | | • | 1.00 | | \$0.00 \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | - | 50.00 65.00 | ea | | | | \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ | | | | 1 | l l | \$1,260.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ | | | | | | \$1,260.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ | | | # Units | Markup | | \$1,260.00 Subtotal |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ | 65.00 | ea | # Units | Markup | | |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | \$ | 65.00 | Unit day LS | # Units | 1.00 | | Subtotal \$0.00 \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ | 65.00 | Unit day LS LS | # Units | 1.00 1.00 1.00 | | Subtotal \$0.00 \$0.00 \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental (Barricades) | \$ \$ | Price | Unit day LS LS LS | | 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ | 65.00 | Unit day LS LS | # Units | 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$100.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental (Barricades) | \$ \$ | Price | Unit day LS LS LS | | 1.00 1.00 1.00 1.00 | | Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$100.00 \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Mise Materials Equipment Rental (Barricades) | \$ \$ | Price | Unit day LS LS LS | | 1.00 1.00 1.00 1.00 | | \$ubtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$100.00 \$0.00 |
| Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental (Barricades) | \$ \$ | Price | Unit day LS LS LS | | 1.00 1.00 1.00 1.00 | | Subtotal \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$100.00 \$0.00 |

| | Air Velocity Meter (per use) Multi-meter Conductivity/pH/Temp/TDS | | | | \$ | 25.00 165.00 | | <u> </u> | \$ | - | |
|------------|------------------------------------------------------------------------------------------------------|----------|------------------|---------|----------|------------------|---|-----------|----------|-------------|----------|
| | Dissolved Oxygen Meter | | | | \$ | 40.00 | | | \$ \$ | - | |
| | FID Foxboro/Sensidyne (TIP) Flow Calibrator | | | | \$ | 155.00 30.00 | | | \$ | - | |
| Meters | Methane Meter PID or 580 OVM | | | | \$ | 116.00 120.00 | 2 | | \$ | 240.00 | |
| | Turbidity Meter | | | | \$ | 30.00 | | | \$ | - | |
| | ppb RAE Ozone Leak Detector | | | | \$ | 175.00 135.00 | | | \$ | - | |
| | Inline Ozone Meter ORP Meter | | | | \$ | 230.00 30.00 | | | \$ | - | |
| | Air Pump - Low Flow (Barcad) | | | | \$ | 25.00 | | | \$ | - | |
| | Development Pump Electric Submersible Pump with Control Box (Uni | ts) | | | \$ | 130.00 130.00 | | | \$ | - | |
| | Low-Flow Sampling Bladder Peristaltic Pump | \$ | 12.00 | | \$ | 105.00 | | | \$ \$ | - | |
| Pumps | Pumping Test Accessory Equipment (Flow Meters | s | 100.00 | | 6 | 155.00 | | | \$ | - | |
| | Portable SVE Unit - 1.5 HP Intrinsically Safe Vapor Evacuation Blower | | | | \$ | 155.00 125.00 | | | \$ | - | |
| | Pneumatic Low-Flow Pump - 1" Well and Multimeter | | | | \$ | 50.00 270.00 | | | \$ | - | |
| | Asbestos Sampling Kit Asbestos Investigation Supplies | | | | \$ | 250.00 | | | \$ | - | |
| | Asbestos Sampling Core | \$ | 2.50 | | \$ | 130.00 | | | \$ | - | |
| | Backpack Blower Bailers (Disposable) | s | 10.00 | | \$ | 75.00 | | \$ 200.00 | \$ \$ | - | |
| | Bailers (Non-Disposable) | | | | \$ | 15.00 | | | \$ | - | |
| | Core Sampler | \$ | 10.00 | | \$ | 55.00 | | | \$ | - | |
| | De-scaler Data Logger with Transducer | | | | \$ | 100.00 | | | \$ | _ | |
| | Well Caps | \$ | 30.00 | | | | | | \$ | - | |
| | Elec. Well Sounder (Probe) Metal Detector | | | | \$ | 30.00 50.00 | | | \$ | - | |
| | 5035 Sample Kit P/T Plugs | \$ \$ | 16.00 | | | | | | \$ \$ | - | |
| | Field Book | \$ | 11.00 | | | | | | \$ | - | |
| | Filter - Large Filter - Small | \$ \$ | 23.00 11.00 | | | | | | \$ | - | |
| | Generator Hand Auger | | | | \$ | 105.00 30.00 | | | \$ | - | |
| | Helium QA/QC Kit | | | | \$ | 265.00 | | | \$ | - | |
| | Helium QA/QC Accessories Oil/Water Interface Probe | \$ | 20.00 | | \$ | 105.00 | | | \$ | - | |
| | Nitrile Sampling Gloves (Disposable) Padlocks | s s | 0.13 15.00 | | | | | | \$ \$ | - | |
| | Passive Diffusion Bag | \$ | 35.00 | | | | | | \$ | - | |
| | PDB Harness Steam Cleaner | \$ | 80.00 | | \$ | 130.00 | | | \$ | - | |
| | Transducer (ea) Coring Machine | | | | \$ | 40.00 200.00 | | | \$ \$ | - | |
| | Rotary Hammer Drill | | | | \$ | 170.00 | | | \$ | - | |
| | Hand Drill NAPL Sample Kit | | | | \$ | 75.00 40.00 | | | \$ | - | |
| Other | Surveying Equipment SVE Inlet Air Filter | | | | \$ | 50.00 80.00 | | \$ 200.00 | \$ \$ | - | |
| | SVE Dilution Air Filter | | | | \$ | 28.00 | | | \$ | - | |
| | SVE Blower Oil (quart) SVE Blower Grease (tube) | | | | \$ | 32.00 20.00 | | | \$ | - | |
| | O2 Meter Ozone Air Filter Holder | | | | \$ \$ | 50.00 18.00 | | \$ 175.00 | \$ | - | |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI | | 1.50 | | | | | | \$ | - | |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI Tubing (Bonded) - Polyethylene (Teflon): 1/16" O | | 1.20 | | | | | | \$ | - | |
| | Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" Tubing - Polyethylene: 1/4" OD (per foot) | \$ \$ | 0.60 | | | | | | \$ \$ | - | |
| | Tubing - Polyethylene: 1/2" OD (per foot) | \$ | 0.85 | | | | | | \$ | - | |
| | Tubing - Tygon: 3/8" STD (per foot) Tubing - Silicone: 3/8" STD (per foot) | \$ \$ | 4.45 | | | | | | \$ | - | |
| | System Wiring (per foot) PFA Tubing - 1/2-inch ID | \$ \$ | 0.60 5.00 | | | | | | \$ | - | |
| | Manual Drive Point Kit | \$ | 90.00 | | | | | | \$ | - | |
| | 55-Gallon Drum 550 gal poly tank | \$ | 55.00 | | \$ | 40.00 | | | \$ | - | |
| | 325 gal poly tank Temporary Sampling Port | s | 25.00 | | \$ | 30.00 | | | \$ | - | |
| | Trimmer | | | | \$ | 50.00 | | | | | |
| | Vapor Pin Sub-Slab Sampling Port Sub-Slab Cover (Stainless Steel) | \$ \$ | 75.00 40.00 | | | | | | \$ | - | |
| | Well abandonment kit Well Cover 8X12" | s s | 25.00 105.00 | | | | | | \$ | - | |
| | Measuring Wheel | _ | | | \$ | 15.00 | 1 | | \$ | 15.00 | |
| | Measuring Wheel or Pole Camera | | | | \$ | 15.00 25.00 | | | \$ | - | |
| | 1L Tedlar Bag Radon Sample Kit | \$ \$ | 20.00 | | | | | | \$ | - | |
| | HAZMAT Exemption Shipper | \$ | 40.00 | | | | | | \$ | - | |
| | Manometers Westlaw | | 105.00 105.00 | | | | | | \$ | - | |
| | CAD/drafting/graphics Barricades & Traffic Signs | \$ | 90.00 | | \$ | 10.00 | | | \$ \$ | - | |
| | Fall Protection | | 10.00 | | \$ | 25.00 | | | \$ | - | |
| Safety | Gloves (Chemical Resistant) Level "B": Level "C1" plus SCBA | \$ | 10.00 | | \$ | 210.00 | | | \$ | - | |
| | Level "C1": Level "C2" plus Polycoat Suit Level "C2": Level "D" plus Respirator | | | | \$ | 85.00 40.00 | | | \$ | - | |
| | Standby SCBA Routine Field and Safety Equipment | | | | \$ | 130.00 | 2 | | \$ | 120.00 | |
| | 1 Inch Binder | s | 9.00 | | , | 00.00 | 2 | | \$ | 120.00 | |
| | 2 Inch Binder 3 Inch Binder | \$ \$ | 12.00 15.00 | | | | | | \$ | - | |
| Droducti- | 4 Inch Binder | \$ | 22.00 | | | | | | \$ | - | |
| Production | Binder Tabs (Set of 8) Color Copies | \$ \$ | 5.00 0.40 | 10 | | | | | \$ | 4.00 | |
| | B/W Copies Document - Format/Sending | \$ \$ | 0.25 15.00 | 4 | | | | | \$ | 1.00 | |
| | Report CD Copy | S | 5.00 | | | | | | \$ | - 770.00 | \$770.00 |
| | | | PHA | SE TOTA | L | | | | * | . , 5.00 | \$47,880 |
| | | | | | | | | | | | |

Project Title:
Project Number/Name:

Interim Remedial Action
6526 Wagner Property
11/13/2019



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| Labor - Field | Price | | Unit | # Units | | | Subtotal | Ta |
| Principal | \$ 21 | 10.00 | hr | | | | \$0.00 | |
| Chief Technical Officer | \$ 20 | 00.00 | hr | | | | \$0.00 | |
| Director | \$ 16 | 50.00 | hr | | | | \$0.00 | |
| Sr Project Manager | \$ 15 | 55.00 | hr | | | | \$0.00 | |
| Sr Professional | \$ 15 | 55.00 | hr | | | | \$0.00 | |
| Project Manager | | 30.00 | hr | | | | \$0.00 | |
| Project Professional | \$ 13 | 30.00 | hr | | | | \$0.00 | |
| Staff Professional-Office | \$ 12 | 20.00 | hr | | | | \$0.00 | |
| Staff Professional-Field | \$ 10 |)5.00 | hr | | | | \$0.00 | |
| Field Professional | \$ 10 | 00.00 | hr | | | | \$0.00 | |
| Drafting | | 95.00 | hr | | | | \$0.00 | |
| Admin | | 55.00 | hr | | | | \$0.00 | |
| Compliance Specialist | | 30.00 | hr | | | | \$0.00 | |
| Vapor Intrusion Specialist | | 70.00 | hr | | | | \$0.00 | |
| Health and Safety Specialist | \$ 13 | 30.00 | hr | | | | \$0.00 | |
| | | | | | | | \$0.00 | |
| | | | | | | | \$0.00 | |
| | 1 | | | | 1 | | | |
| Labor - Office/Reporting | Price | | Unit | # Units | | | Subtotal | Ta |
| Principal | | 10.00 | hr | | | | \$0.00 | |
| Chief Technical Officer | | 00.00 | hr | | | | \$0.00 | |
| Director | | 60.00 | hr | 1.0 | | | \$160.00 | |
| Sr Project Manager | | 55.00 | hr | | | | \$0.00 | |
| Sr Professional | | 55.00 | hr | 9.0 | | | \$1,395.00 | |
| Project Manager | | 30.00 | hr | | | | \$0.00 | |
| Project Professional | | 30.00 | hr | 1 | | | \$0.00 | |
| Staff Professional-Office | | 20.00 | hr | 8.0 | | | \$960.00 | |
| Staff Professional-Field | |)5.00 | hr | | | | \$0.00 | |
| Field Professional | | 00.00 | hr | 8.0 | | | \$800.00 | |
| Drafting | | 95.00 | hr | 8.0 | | | \$760.00 | |
| Admin | | 55.00 | hr | | | | \$0.00 | |
| Compliance Specialist | | 30.00 | hr | | | | \$0.00 | |
| Vapor Intrusion Specialist | | 70.00 | hr | | | | \$0.00 | |
| Health and Safety Specialist | \$ 13 | 30.00 | hr | | | | \$0.00 \$0.00 | |
| | | | | | | | \$4,075.00 | S |
| Combine at a second C | | | | | | | | |
| Contractors/Consultants | Price | : | Unit | # Units | Markup | | Subtotal | Т |
| Contractors/Consultants Utility Locate | Price | | Unit LS | # Units | Markup 1.00 | | Subtotal \$0.00 | Т |
| | Price | ! | | # Units | | | | Т |
| Utility Locate | Price | | LS | # Units | 1.00 | | \$0.00 | Т |
| Utility Locate Driller | Price | | LS LS | # Units | 1.00 1.00 | | \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor | Price | | LS LS LS | # Units | 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR | Price | | LS LS LS | # Units | 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR | Price | | LS LS LS LS LS | # Units | 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR | Price | | LS LS LS LS LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Ti |
| Utility Locate Driller Surveyor Waste Disposal WDNR | Price | | LS LS LS LS LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR | Price | | LS LS LS LS LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR | Price | | LS LS LS LS LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation | | | LS LS LS LS LS LS LS | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory | Price | | LS LS LS LS LS Unit | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt | Price S 7 | 70.00 | LS LS LS LS LS LS Unit ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 | Price \$ 7 \$ 13 | 70.00 | LS LS LS LS LS LS Unit ea ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 | Price S 7 S 13 S 66 | 70.00 | LS LS LS LS LS LS LS control LS LS LS LS LS | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 7CLP 1311 GW VOC 8260 GW VOC 8260 QA/QC | Price S 7 S 13 S 66 S 66 | 70.00 30.00 55.00 | LS LS LS LS LS LS LS control LS | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas | Price S 7 S 133 S 66 S 66 S 18 | 55.00 555.00 500.00 | LS LS LS LS LS LS LS control LS | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab | Price \$ 7 \$ 133 \$ 66 \$ 68 \$ 188 \$ 18 | 80.00 80.00 855.00 80.00 80.00 80.00 | LS LS LS LS LS LS LS casea ca ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air | Price \$ 7 \$ 13 \$ 6 \$ 6 \$ 18 \$ 18 \$ 18 | 770.00 80.00 555.00 80.00 80.00 80.00 80.00 | LS LS LS LS LS LS LS ca ea ea ea ea ea ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification | Price S 7 S 13 S 6 S 6 S 18 S 18 S 18 S 5 | 770.00 80.00 555.00 80.00 80.00 80.00 80.00 80.00 | LS LS LS LS LS LS LS ca ca ca ca ca ca ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 drywt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification | Price \$ 7 \$ 13 \$ 66 \$ 188 \$ 188 \$ 188 \$ 55 \$ 5 | 70.00 30.00 555.00 30.00 80.00 80.00 80.00 | LS L | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 Qd/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | Price \$ 7 \$ 13 \$ 66 \$ 188 \$ 188 \$ 188 \$ 55 \$ 5 | 770.00 80.00 555.00 80.00 80.00 80.00 80.00 80.00 | LS LS LS LS LS LS LS ca ca ca ca ca ca ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 Qd/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | Price \$ 7 \$ 13 \$ 66 \$ 188 \$ 188 \$ 188 \$ 55 \$ 5 | 70.00 30.00 555.00 30.00 80.00 80.00 80.00 | LS L | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 Qd/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | Price \$ 7 \$ 13 \$ 66 \$ 188 \$ 188 \$ 188 \$ 55 \$ 5 | 70.00 30.00 555.00 30.00 80.00 80.00 80.00 | LS L | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | Price \$ 7 \$ 133 \$ 6 \$ 6 \$ 188 \$ 188 \$ 5 \$ 5 \$ 5 \$ 6 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 7CLP 1311 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses | Price \$ 7 \$ 13 \$ 66 \$ 188 \$ 188 \$ 188 \$ 55 \$ 5 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 7CLP 1311 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel | Price \$ 7 \$ 133 \$ 6 \$ 6 \$ 188 \$ 188 \$ 5 \$ 5 \$ 5 \$ 6 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 7CLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | Price \$ 7 \$ 133 \$ 6 \$ 6 \$ 188 \$ 188 \$ 5 \$ 5 \$ 5 \$ 6 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | Price \$ 7 \$ 133 \$ 6 \$ 6 \$ 188 \$ 188 \$ 5 \$ 5 \$ 5 \$ 6 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC 7CLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | Price \$ 7 \$ 133 \$ 6 \$ 6 \$ 188 \$ 188 \$ 5 \$ 5 \$ 5 \$ 6 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | T |
| Utility Locate Driller Surveyor Waste Disposal WDNR Remediation Contractor/Consultant - Laboratory Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | Price \$ 7 \$ 133 \$ 6 \$ 6 \$ 188 \$ 188 \$ 5 \$ 5 \$ 5 \$ 6 | 70.00 30.00 55.00 30.00 30.00 30.00 55.00 55.00 55.00 | LS L | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | Т |
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| | Expense | (hr/ | unit) | Hrs/Units | (da | y/use) | # days/use | (weeks/use | weeks/use | Subtotal | |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------|--------------|----------|------------------|------------|------------|-----------|---------------------|---------|
| | Field Vehicle - Full Day | \$ | 20.00 | TH's/ Clifts | (ua | 130.00 | # days/use | (weeks/use | weeks/use | \$ - | |
| Vehicles | Support Vehicle - Full Day | \$ | 30.00 | | \$ | 180.00 | | | | \$ - | |
| | only for daily use over 230 miles) | \$ | 0.545 | | | | | | | \$ - | |
| | Air Velocity Meter (per use) Multi-meter Conductivity/pH/Temp/TDS | | | | \$ | 25.00 165.00 | | | | \$ - \$ - | |
| | Dissolved Oxygen Meter | | | | \$ | 40.00 | | | | \$ - | |
| | FID Foxboro/Sensidyne (TIP) | | | | \$ | 155.00 | | | | \$ - | |
| | Flow Calibrator | | | | \$ | 30.00 | | | | \$ - | |
| Meters | Methane Meter PID or 580 OVM | | | | \$ | 116.00 120.00 | | | | \$ - \$ - | |
| | Turbidity Meter | | | | \$ | 30.00 | | | | \$ - | |
| | ppb RAE | | | | \$ | 175.00 | | | | \$ - | |
| | Ozone Leak Detector | | | | \$ | 135.00 | | | | \$ - | |
| | Inline Ozone Meter ORP Meter | | | | \$ | 230.00 30.00 | | | | \$ - \$ - | |
| | Air Pump - Low Flow (Barcad) | | | | \$ | 25.00 | | | | \$ - | |
| | Development Pump | | | | \$ | 130.00 | | | | \$ - | |
| | Electric Submersible Pump with Control Box (Unit | ts) S | 12.00 | | \$ | 130.00 | | | | \$ - \$ - | |
| _ | Low-Flow Sampling Bladder Peristaltic Pump | 3 | 12.00 | | \$ | 105.00 | | | | \$ - | |
| Pumps | Pumping Test Accessory Equipment (Flow Meters | s | 100.00 | | | | | | | \$ - | |
| | Portable SVE Unit - 1.5 HP | | | | \$ | 155.00 | | | | \$ - | |
| | Intrinsically Safe Vapor Evacuation Blower Pneumatic Low-Flow Pump - 1" Well | | | | \$ \$ | 125.00 50.00 | | | | \$ - \$ - | |
| | and Multimeter | | | | \$ | 270.00 | | | | \$ - | |
| | Asbestos Sampling Kit | | | | \$ | 250.00 | | | | \$ - | |
| | Asbestos Investigation Supplies | | | | \$ | 130.00 | | | | \$ - | |
| | Asbestos Sampling Core Backpack Blower | \$ | 2.50 | | c | 75.00 | | £ 200.00 | | \$ - \$ - | |
| | Bailers (Disposable) | s | 10.00 | | \$ | 75.00 | | \$ 200.00 | | \$ - \$ - | |
| | Bailers (Non-Disposable) | 9 | 10.00 | | \$ | 15.00 | | | | \$ - | |
| | Core Boxes | \$ | 10.00 | | | | | | | \$ - | |
| | Core Sampler | | | | \$ | 55.00 | | | | \$ - | |
| | De-scaler Data Logger with Transducer | | | | \$ \$ | 100.00 | | | | \$ - | |
| | Data Logger with Transducer Well Caps | \$ | 30.00 | | Þ | 155.00 | | | | s - | |
| | Elec. Well Sounder (Probe) | | | | \$ | 30.00 | | | | \$ - | |
| | Metal Detector | | | | \$ | 50.00 | | | | \$ - | |
| | 5035 Sample Kit | \$ \$ | 16.00 | | | | | | | \$ - \$ - | |
| | P/T Plugs Field Book | \$ | 5.00 | | | | | | | \$ - \$ - | |
| | Filter - Large | \$ | 23.00 | | | | | | | \$ - | |
| | Filter - Small | \$ | 11.00 | | | | | | | \$ - | |
| | Generator | | | | \$ | 105.00 | | | | \$ - \$ - | |
| | Hand Auger Helium QA/QC Kit | | | | \$ \$ | 30.00 265.00 | | | | \$ - \$ - | |
| | Helium QA/QC Accessories | \$ | 20.00 | | Ψ | 203.00 | | | | \$ - | |
| | Oil/Water Interface Probe | | | | \$ | 105.00 | | | | \$ - | |
| | Nitrile Sampling Gloves (Disposable) | \$ | 0.13 | | | | | | | \$ - | |
| | Padlocks | \$ \$ | 15.00 | | | | | | | \$ - \$ - | |
| | Passive Diffusion Bag PDB Harness | \$ | 35.00 80.00 | | | | | | | \$ - | |
| | Steam Cleaner | _ | | | \$ | 130.00 | | | | \$ - | |
| | Transducer (ea) | | | | \$ | 40.00 | | | | \$ - | |
| | Coring Machine Rotary Hammer Drill | | | | \$ | 200.00 | | | | \$ - \$ - | |
| | Hand Drill | | | | \$ | 170.00 75.00 | | | | \$ - \$ - | |
| | NAPL Sample Kit | | | | \$ | 40.00 | | | | \$ - | |
| | Surveying Equipment | | | | \$ | 50.00 | | \$ 200.00 | | \$ - | |
| Other | SVE Inlet Air Filter | | | | \$ | 80.00 | | | | \$ - | |
| | SVE Dilution Air Filter SVE Blower Oil (quart) | | | | \$ \$ | 28.00 32.00 | | | | \$ - \$ - | |
| | SVE Blower Grease (tube) | | | | \$ | 20.00 | | | | \$ - | |
| | O2 Meter | | | | \$ | 50.00 | | \$ 175.00 | | \$ - | |
| | Ozone Air Filter Holder | | | | \$ | 18.00 | | | | \$ - | |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI | | 1.50 | | | | | | | \$ - \$ - | |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/16" (| | 1.25 | | | | | | | \$ - | |
| | Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" | \$ | 1.10 | | | | | | | \$ - | |
| | Tubing - Polyethylene: 1/4" OD (per foot) | \$ | 0.60 | | | | | | | \$ - | |
| | Tubing - Polyethylene: 1/2" OD (per foot) Tubing - Tygon: 3/8" STD (per foot) | \$ \$ | 0.85 4.45 | | | | | | | \$ - \$ - | |
| | Tubing - Silicone: 3/8" STD (per foot) | \$ | 4.50 | | | | | | | \$ - | |
| | System Wiring (per foot) | \$ | 0.60 | | | | | | | \$ - | |
| | PFA Tubing - 1/2-inch ID | \$ | 5.00 | | | | | | | \$ - | |
| | Manual Drive Point Kit 55-Gallon Drum | \$ \$ | 90.00 55.00 | | | | | | | \$ - \$ - | |
| | 55-Gallon Drum 550 gal poly tank | ي | 00.00 | | \$ | 40.00 | | | | \$ - | |
| | 325 gal poly tank | | | | \$ | 30.00 | | | | \$ - | |
| | Temporary Sampling Port | \$ | 25.00 | | ¢ | | | | | \$ - | |
| | Trimmer Vapor Pin Sub-Slab Sampling Port | s | 75.00 | | \$ | 50.00 | | | | \$ - | |
| | Vapor Pin Sub-Slab Sampling Port Sub-Slab Cover (Stainless Steel) | \$ | 40.00 | | | | | | | s - | |
| | Well abandonment kit | \$ | 25.00 | | | | | | | \$ - | |
| | Well Cover 8X12" | \$ | 105.00 | | | | | | | \$ - | |
| | Measuring Wheel or Pole | | | | \$ | 15.00 | | | | \$ - \$ - | |
| | Measuring Wheel or Pole Camera | | | | \$ | 15.00 25.00 | | | | \$ - \$ - | |
| | 1L Tedlar Bag | \$ | 20.00 | | | | | | | \$ - | |
| | Radon Sample Kit | \$ | 30.00 | | | | | | | \$ - | |
| | HAZMAT Exemption Shipper | S S | 40.00 | | | | | | | \$ - | |
| | Manometers Westlaw | \$ \$ | 105.00 | | | | | | | \$ - \$ - | |
| | CAD/drafting/graphics | \$ | 90.00 | | | | | | | \$ - | |
| | Barricades & Traffic Signs | | | | \$ | 10.00 | | | | \$ - | |
| | Fall Protection | • | 10.00 | | \$ | 25.00 | | | | \$ - | |
| | Gloves (Chemical Resistant) Level "B": Level "C1" plus SCBA | \$ | 10.00 | | s | 210.00 | | | | \$ - \$ - | |
| Safety | Level "C1": Level "C2" plus Polycoat Suit | | | | \$ | 85.00 | | | | \$ - | |
| | Level "C2": Level "D" plus Respirator | | | | \$ | 40.00 | | | | \$ - | |
| | Standby SCBA | | | | \$ | 130.00 | | _ | | \$ - | |
| | Routine Field and Safety Equipment | 6 | 0.00 | | \$ | 60.00 | | | | \$ - | |
| | 1 Inch Binder 2 Inch Binder | \$ \$ | 9.00 | | | | | | | \$ - \$ - | |
| | 3 Inch Binder | \$ | 15.00 | | | | | | | \$ - | |
| | 4 Inch Binder | \$ | 22.00 | | | | | | | \$ - | |
| Production | Binder Tabs (Set of 8) | \$ | 5.00 | | | | | | | \$ - | |
| | Color Copies B/W Copies | \$ \$ | 0.40 | 12 60 | | | | | | \$ 4.80 \$ 15.00 | |
| | Document - Format/Sending | \$ | 15.00 | OU | | | | | | \$ 15.00 \$ - | |
| | The state of the s | \$ | 5.00 | | | | | | | \$ - | |
| | Report CD Copy | | | | | | | | | | |
| | Report CD Copy | | | | | | | | | \$ 19.80 | \$19.80 |

Project Title:
Project Number/Name:

Interim Remedial Action
6526 Wagner Property
11/13/2019



| Labor - Field | | Price | Unit | # Units | | | Subtotal | Task |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Principal | \$ | 210.00 | hr | | | | \$0.00 | |
| Chief Technical Officer | \$ | 200.00 | hr | | | | \$0.00 | |
| Director | \$ | 160.00 | hr | | | | \$0.00 | |
| Sr Project Manager Sr Professional | \$ | 155.00 155.00 | hr hr | | | | \$0.00 \$0.00 | |
| Project Manager | \$ | 130.00 | hr | | | | \$0.00 | |
| Project Professional | \$ | 130.00 | hr | | | | \$0.00 | |
| Staff Professional-Office | \$ | 120.00 | hr | | | | \$0.00 | |
| Staff Professional-Field | \$ | 105.00 | hr | | | | \$0.00 | |
| Field Professional | \$ | 100.00 | hr | 42.0 | | | \$4,200.00 | |
| Drafting | \$ | 95.00 | hr | | | | \$0.00 | |
| Admin | \$ | 65.00 | hr | | | | \$0.00 | |
| Compliance Specialist | \$ | 130.00 | hr | | | | \$0.00 | |
| Vapor Intrusion Specialist Health and Safety Specialist | \$ | 170.00 130.00 | hr hr | | | | \$0.00 \$0.00 | |
| Heatin and Safety Specialist | J. | 130.00 | III | | | | \$0.00 | |
| | <u> </u> | | | | | l l | \$4,200.00 | \$4,20 |
| | | | | | | | | , |
| Labor - Office/Reporting | | Price | Unit | # Units | | | Subtotal | Task |
| Principal | \$ | 210.00 | hr | | | | \$0.00 | |
| Chief Technical Officer | \$ | 200.00 | hr | | | | \$0.00 | |
| Director | \$ | 160.00 | hr | 1.0 | | | \$160.00 | |
| Sr Project Manager | \$ | 155.00 | hr | | | | \$0.00 | |
| Sr Professional | \$ | 155.00 | hr | 4.0 | | | \$620.00 | |
| Project Manager Project Professional | \$ | 130.00 130.00 | hr hr | | | | \$0.00 \$0.00 | |
| Project Professional Staff Professional-Office | \$ | 120.00 | hr | 2.0 | | | \$240.00 | |
| Staff Professional-Field | \$ | 105.00 | hr | 2.0 | | | \$0.00 | |
| Field Professional | \$ | 100.00 | hr | 6.0 | | | \$600.00 | |
| Drafting | \$ | 95.00 | hr | | | | \$0.00 | |
| Admin | \$ | 65.00 | hr | | | | \$0.00 | |
| Compliance Specialist | \$ | 130.00 | hr | | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ | 170.00 | hr | | | | \$0.00 | |
| Health and Safety Specialist | \$ | 130.00 | hr | | | | \$0.00 | |
| | <u> </u> | | | | | | \$0.00 \$1,620.00 | \$1,62 |
| | | | | | | | \$1,020.00 | 91,02 |
| Contractors/Consultants | | Price | Unit | # Units | Markup | | Subtotal | Task |
| Utility Locate | | | LS | | 1.00 | | \$0.00 | |
| Driller | \$ | 4,700.00 | LS | 1.0 | 1.00 | | \$4,700.00 | |
| Surveyor | \$ | 900.00 | LS | 1.0 | 1.00 | | \$900.00 | |
| Waste Disposal (Soil) | \$ | 250.00 | drum | 5.0 | 1.00 | | \$1,250.00 | |
| Waste Disposal (Water-Haz) | \$ | 350.00 | drum | 4.0 | 1.00 | | \$1,400.00 | |
| | | | | | 1.00 | | \$0.00 | |
| | | | | | 1.00 | | \$0.00 \$0.00 | |
| | | | | | | | \$0.00 | |
| | | | | | | | | |
| | | | | | 1.00 | | | |
| | | | | | 1.00 | | \$0.00 \$8,250.00 | \$8,25 |
| | | | | | | | \$0.00 | \$8,25 |
| Contractor/Consultant - Laboratory | | Price | Unit | # Units | | | \$0.00 \$8,250.00 Subtotal | \$8,25 |
| Soil VOC 8260 dry wt | \$ | 70.00 | Unit ea | 4.0 | 1.00 Markup 1.00 | | \$0.00 \$8,250.00 Subtotal \$280.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 | \$ | 70.00 65.00 | ea ea | 4.0 10.0 | 1.00 Markup 1.00 1.00 | | \$0.00 \$8,250.00 Subtotal \$280.00 \$650.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe | \$ \$ | 70.00 65.00 10.00 | ea ea ea | 4.0 10.0 8.0 | 1.00 Markup 1.00 1.00 1.00 | | \$0.00 \$8,250.00 Subtotal \$280.00 \$650.00 \$80.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe | \$ \$ \$ | 70.00 65.00 10.00 10.00 | ea ea ea | 4.0 10.0 8.0 8.0 | 1.00 Markup 1.00 1.00 1.00 1.00 | | \$0.00 \$8,250.00 Subtotal \$280.00 \$650.00 \$80.00 \$80.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate | \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 | ea ea ea ea | 4.0 10.0 8.0 8.0 8.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$8,250.00 Subtotal \$280.00 \$650.00 \$80.00 \$80.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate | \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 | ea ea ea ea ea | 4.0 10.0 8.0 8.0 8.0 8.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$8,250.00 \$ubtotal \$280.00 \$650.00 \$80.00 \$80.00 \$240.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrite | \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 | ea ea ea ea ea ea | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$80.00 \$240.00 \$240.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate | \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 | ea ea ea ea ea | 4.0 10.0 8.0 8.0 8.0 8.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | | \$0.00 \$8,250.00 \$ubtotal \$280.00 \$650.00 \$80.00 \$80.00 \$240.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrite Ethene/Ethane/Methane | \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 | ea ea ea ea ea ea ea | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$80.00 \$240.00 \$240.00 \$440.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrite Ethene/Ethane/Methane DHC | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 350.00 | ea | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 4.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$240.00 \$440.00 | \$8,25 |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrite Ethene/Ethane/Methane DHC QA/QC VOCs 8260 | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 350.00 | ea | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 4.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$240.00 \$440.00 \$1,400.00 \$130.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Nitrite Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea ca ca ca ca ca ca ca ca ca | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$440.00 \$1,400.00 \$130.00 \$0.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Nitrite Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 350.00 | ea ca ca ca ca ca ca | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 4.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$440.00 \$1,400.00 \$130.00 \$3,780.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea Unit | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$440.00 \$1,400.00 \$1,30.00 \$3,780.00 \$ubtotal \$0.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrite Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea unit day LS | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$1,400.00 \$1,400.00 \$3,780.00 \$3,780.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Mise Materials | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea Lunit day LS LS | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 Subtotal \$280.00 \$650.00 \$80.00 \$80.00 \$240.00 \$2440.00 \$1,400.00 \$1,400.00 \$3,780.00 Subtotal \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea e | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 4.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$88,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$130.00 \$130.00 \$3,780.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Mise Materials | \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea Lunit day LS LS | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$88,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$1,400.00 \$130.00 \$3,780.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$100.00 \$100.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 30.00 30.00 30.00 55.00 35.00 65.00 | ea e | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 4.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$88,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$130.00 \$130.00 \$3,780.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 350.00 65.00 | ea e | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 4.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$88,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$1,400.00 \$130.00 \$3,780.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | - 7 - |
| Soil VOC 8260 dry wt GW VOC 8260 Total Fe Dissolved Fe Sulfate Nitrate Nitrate Ethene/Ethane/Methane DHC QA/QC VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials Equipment Rental | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 70.00 65.00 10.00 10.00 30.00 30.00 30.00 55.00 350.00 65.00 | ea e | 4.0 10.0 8.0 8.0 8.0 8.0 8.0 4.0 2.0 | 1.00 Markup 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0 | | \$0.00 \$8,250.00 \$8,250.00 \$88,250.00 \$280.00 \$650.00 \$80.00 \$240.00 \$240.00 \$1,400.00 \$1,400.00 \$3,780.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$8,25(\$3,78(|

| | Expense | (hr/unit) | Hrs/Units | (day/use) | # days/use | (weeks/use | weeks/use | Subtotal |
|----------|------------------------------------------------------------------------------------------------------|------------------------|-----------|------------------------|------------|------------|-----------|---------------------|
| Vehicles | Field Vehicle - Full Day Support Vehicle - Full Day | \$ 20.00 \$ 30.00 | 4 | \$ 130.00 \$ 180.00 | _ | | | \$ 600.00 \$ - |
| | only for daily use over 230 miles) | \$ 0.545 | | 3 100.0 | | | | \$ - |
| | Air Velocity Meter (per use) | | | \$ 25.0 | - | | | \$ - |
| | Multi-meter Conductivity/pH/Temp/TDS Dissolved Oxygen Meter | | | \$ 165.0 \$ 40.0 | - | | | \$ - \$ - |
| | FID Foxboro/Sensidyne (TIP) | | | \$ 155.0 | | | | \$ - |
| | Flow Calibrator | | | \$ 30.0 | | | | \$ - |
| Meters | Methane Meter PID or 580 OVM | | | \$ 116.00 \$ 120.00 | | | | \$ - \$ 120.00 |
| | Turbidity Meter | | | \$ 30.0 | 1 | | | \$ - |
| | ppb RAE | | | \$ 175.0 | | | | \$ - |
| | Ozone Leak Detector Inline Ozone Meter | | | \$ 135.00 \$ 230.00 | | | | \$ - \$ - |
| | ORP Meter | | | \$ 30.0 | | | | \$ - |
| | Air Pump - Low Flow (Barcad) | | | \$ 25.0 | | | | \$ - |
| | Development Pump | ` | | \$ 130.0 | | | | \$ - |
| | Electric Submersible Pump with Control Box (Unit Low-Flow Sampling Bladder | s) \$ 12.00 | | \$ 130.0 | | | | \$ - \$ - |
| Pumps | Peristaltic Pump | | | \$ 105.0 | | | | \$ - |
| Tumps | Pumping Test Accessory Equipment (Flow Meters | \$ 100.00 | | | | | | \$ - |
| | Portable SVE Unit - 1.5 HP Intrinsically Safe Vapor Evacuation Blower | | | \$ 155.0 \$ 125.0 | - | | | \$ - \$ - |
| | Pneumatic Low-Flow Pump - 1" Well | | | \$ 50.0 | - | | | \$ - |
| | and Multimeter | | | \$ 270.0 | | | | \$ 540.00 |
| | Asbestos Sampling Kit Asbestos Investigation Supplies | | | \$ 250.00 \$ 130.00 | - | | | \$ - \$ - |
| | Asbestos Sampling Core | \$ 2.50 | | \$ 130.0 | | | | \$ - |
| | Backpack Blower | | | \$ 75.0 | | \$ 200.00 | | \$ - |
| | Bailers (Disposable) | \$ 10.00 | 8 | 0 150 | | | | \$ 80.00 |
| | Bailers (Non-Disposable) Core Boxes | \$ 10.00 | | \$ 15.0 | | | | s - s - |
| | Core Sampler | 15.00 | | \$ 55.0 | | | | \$ - |
| | De-scaler | | | \$ 100.0 | | | | |
| | Data Logger with Transducer Well Caps | \$ 30.00 | | \$ 155.0 | | | | \$ - \$ - |
| | Elec. Well Sounder (Probe) | 2 30.00 | | \$ 30.0 | 1 | | | \$ 30.00 |
| | Metal Detector | | | \$ 50.0 | | | | \$ - |
| | 5035 Sample Kit | \$ 16.00 \$ 5.00 | | | | | | \$ - \$ - |
| | P/T Plugs Field Book | \$ 5.00 \$ 11.00 | | | | | | s - |
| | Filter - Large | \$ 23.00 | 4 | | | | | \$ 92.00 |
| | Filter - Small | \$ 11.00 | | 0 | | | | \$ - |
| | Generator Hand Auger | | | \$ 105.00 \$ 30.00 | - | | | \$ - \$ - |
| | Helium QA/QC Kit | | | \$ 265.0 | - | | | \$ - |
| | Helium QA/QC Accessories | \$ 20.00 | | | | | | \$ - |
| | Oil/Water Interface Probe Nitrile Sampling Gloves (Disposable) | \$ 0.13 | | \$ 105.0 | 1 | | | \$ - \$ - |
| | Padlocks | \$ 15.00 | | | | | | \$ - |
| | Passive Diffusion Bag | \$ 35.00 | | | | | | \$ - |
| | PDB Harness | \$ 80.00 | | . 120.0 | | | | \$ - |
| | Steam Cleaner Transducer (ea) | | | \$ 130.0 \$ 40.0 | _ | | | \$ - \$ - |
| | Coring Machine | | | \$ 200.0 | - | | | \$ - |
| | Rotary Hammer Drill | | | \$ 170.0 | | | | \$ - |
| | Hand Drill NAPL Sample Kit | | | \$ 75.00 \$ 40.00 | | | | \$ - \$ - |
| | Surveying Equipment | | | \$ 50.0 | | \$ 200.00 | | \$ - |
| Other | SVE Inlet Air Filter | | | \$ 80.0 | | | | \$ - |
| | SVE Dilution Air Filter | | | \$ 28.0 | | | | \$ - |
| | SVE Blower Oil (quart) SVE Blower Grease (tube) | | | \$ 32.00 \$ 20.00 | | | | \$ - \$ - |
| | O2 Meter | | | \$ 50.0 | | \$ 175.00 | | \$ - |
| | Ozone Air Filter Holder | | | \$ 18.0 | | | | \$ - |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI Tubing (Bonded) - Polyethylene (Teflon): 1/4" OI | \$ 1.50 \$ 1.20 | | | | | | \$ - \$ - |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/16" (| \$ 1.25 | | | | | | \$ - |
| | Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" | \$ 1.10 | | | | | | \$ - |
| | Tubing - Polyethylene: 1/4" OD (per foot) | \$ 0.60 \$ 0.85 | 15 | | | | | \$ 9.00 \$ - |
| | Tubing - Polyethylene: 1/2" OD (per foot) Tubing - Tygon: 3/8" STD (per foot) | \$ 0.85 \$ 4.45 | | | | | | s - |
| | Tubing - Silicone: 3/8" STD (per foot) | \$ 4.50 | 2 | | | | | \$ 9.00 |
| | System Wiring (per foot) | \$ 0.60 | | | | | | \$ - |
| | PFA Tubing - 1/2-inch ID Manual Drive Point Kit | \$ 5.00 \$ 90.00 | | | | | | \$ - \$ - |
| | 55-Gallon Drum | \$ 55.00 | 4 | | | | | \$ 220.00 |
| | 550 gal poly tank | | | \$ 40.0 | | | | \$ - |
| | 325 gal poly tank Temporary Sampling Port | \$ 25.00 | | \$ 30.0 | | | | s - s - |
| | Trimmer | 23.00 | <u> </u> | \$ 50.0 | | | | _ |
| | Vapor Pin Sub-Slab Sampling Port | \$ 75.00 | | | | | | \$ - |
| | Sub-Slab Cover (Stainless Steel) Well abandonment kit | \$ 40.00 \$ 25.00 | | | | | | s - s - |
| | Well abandonment kit Well Cover 8X12" | \$ 25.00 \$ 105.00 | | | | | | s - |
| | Measuring Wheel | | | \$ 15.0 | | | | \$ - |
| | Measuring Wheel or Pole | | | \$ 15.0 \$ 25.0 | 1 | | | \$ - |
| | Camera 1L Tedlar Bag | \$ 20.00 | | \$ 25.0 | | | | \$ - \$ - |
| | Radon Sample Kit | \$ 30.00 | | | | | | \$ - |
| | HAZMAT Exemption Shipper | \$ 40.00 | | | | | | \$ - |
| | Manometers Westlaw | \$ 105.00 \$ 105.00 | | | | | | \$ - \$ - |
| | CAD/drafting/graphics | \$ 90.00 | <u>L</u> | | | | | \$ - |
| | Barricades & Traffic Signs | | | \$ 10.0 | 1 | | | \$ - |
| | Fall Protection | 9 10.00 | | \$ 25.0 | | | | \$ - \$ |
| - 4 | Gloves (Chemical Resistant) Level "B": Level "C1" plus SCBA | \$ 10.00 | | \$ 210.0 | | | | \$ - \$ - |
| afety | Level "C1": Level "C2" plus Polycoat Suit | | | \$ 85.0 | - | | | \$ - |
| | Level "C2": Level "D" plus Respirator | | | \$ 40.0 | | | | \$ - |
| | Standby SCBA Routine Field and Safety Equipment | | | \$ 130.0 \$ 60.0 | | | | \$ - \$ 120.00 |
| | 1 Inch Binder | \$ 9.00 | | . 00.0 | 2 | | | \$ 120.00 |
| | 2 Inch Binder | \$ 12.00 | | | | | | \$ - |
| | 3 Inch Binder | \$ 15.00 | | | | | | \$ - |
| oduction | 4 Inch Binder Binder Tabs (Set of 8) | \$ 22.00 \$ 5.00 | | | | | | \$ - \$ - |
| | Color Copies | \$ 0.40 | 5 | | | | | \$ 2.00 |
| | B/W Copies | \$ 0.25 | 12 | | | | | \$ 3.00 |
| | Document - Format/Sending Report CD Copy | \$ 15.00 \$ 5.00 | | | | | | \$ - \$ - |
| | Report CD Copy | ٥.00 | J | | | | | \$ - \$ 1,825.00 |
| | | | | | | | | |

Project Title:
Project Number/Name:

Interim Remedial Action
6526 Wagner Property
11/13/2019



| | 1 Hast II | Troject | Coordination | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Labor - Field | Price | Unit | # Units | | Subtotal | Task 7 |
| Principal | \$ 210.00 | hr | | | \$0.00 | |
| Chief Technical Officer | \$ 200.00 | hr | | | \$0.00 | |
| Director | \$ 160.00 | hr | | | \$0.00 | |
| Sr Project Manager | \$ 155.00 | hr | | | \$0.00 | |
| Sr Professional | \$ 155.00 | hr | | | \$0.00 | |
| Project Manager | \$ 130.00 | hr | | | \$0.00 | |
| Project Professional | \$ 130.00 | hr | | | \$0.00 | |
| Staff Professional-Office | \$ 120.00 | hr | | | \$0.00 | |
| Staff Professional-Field | \$ 105.00 | hr | | | \$0.00 | |
| Field Professional | \$ 100.00 | hr | | | \$0.00 | |
| Drafting | \$ 95.00 | hr | | | \$0.00 | |
| Admin | \$ 65.00 | hr | | | \$0.00 | |
| Compliance Specialist | \$ 130.00 | hr | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ 170.00 \$ 130.00 | hr | - | - | \$0.00 | |
| Health and Safety Specialist | \$ 130.00 | hr | | | \$0.00 | |
| | | | | | \$0.00 \$0.00 | \$0.0 |
| | | | | | \$0.00 | 30.0 |
| Labor - Office/Reporting | Price | Unit | # Units | | Subtotal | Task |
| Principal | \$ 210.00 | hr | | | \$0.00 | |
| Chief Technical Officer | \$ 200.00 | hr | | | \$0.00 | |
| Director | \$ 160.00 | hr | 2.0 | | \$320.00 | |
| Sr Project Manager | \$ 155.00 | hr | 10.0 | | \$1,550.00 | |
| Sr Professional | \$ 155.00 | hr | | | \$0.00 | |
| Project Manager | \$ 130.00 | hr | | | \$0.00 | |
| Project Professional | \$ 130.00 | hr | | | \$0.00 | |
| Staff Professional-Office | \$ 120.00 | hr | | | \$0.00 | |
| Staff Professional-Field | \$ 105.00 | hr | | | \$0.00 | |
| Field Professional | \$ 100.00 | hr | | | \$0.00 | |
| Drafting | \$ 95.00 | hr | | | \$0.00 | |
| Admin | \$ 65.00 | hr | | | \$0.00 | |
| Compliance Specialist | \$ 130.00 | hr | | | \$0.00 | |
| Vapor Intrusion Specialist | \$ 170.00 | hr | | | \$0.00 | |
| Health and Safety Specialist | \$ 130.00 | hr | | | \$0.00 | |
| | I | l | I | | \$0.00 \$1,870.00 | \$1,87 |
| | | | | | | |
| Contractors/Consultants | Price | Unit | # Units | Markup | Subtotal | Task ' |
| Utility Locate | | LS | | 1.00 | \$0.00 | |
| Driller | | LS | | 1.00 | \$0.00 | |
| Surveyor | | LS | | 1.00 | \$0.00 | |
| Sui veyoi | | Lo | | | | |
| Waste Disposal | | LS | | 1.00 | \$0.00 | |
| Waste Disposal WDNR | | LS LS | | 1.00 | \$0.00 | |
| Waste Disposal | | LS | | | | |
| Waste Disposal WDNR | | LS LS | | 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR | | LS LS | | 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR | | LS LS | | 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR | | LS LS | | 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR | | LS LS | | 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation | ifory Price | LS LS LS | # Haite | 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora | | LS LS LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt | \$ 70.00 | LS LS LS Unit | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 | \$ 70.00 \$ 130.00 | LS LS LS Unit ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 | \$ 70.00 \$ 130.00 \$ 65.00 | LS LS LS Unit ea ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 | LS LS LS Unit ca ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 Markup 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 | LS LS LS Unit ea ea ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 | LS LS LS Unit ea ea ea ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 | LS LS LS Unit ea ea ea ea ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | LS LS LS LS Unit ea ea ea ea ea ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0. |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | LS LS LS LS Unit ea ea ea ea ea ea LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Sub-Slab Air TO-15 - Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | LS LS LS LS Unit ea ea ea ea ea ea ea | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.4 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | LS LS LS LS Unit ea ea ea ea ea ea LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Sub-Slab Air TO-15 - Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | LS LS LS LS Unit ea ea ea ea ea ea LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Sub-Slab Air TO-15 - Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 180.00 \$ 50.00 | LS LS LS LS Unit ea ea ea ea ea ea LS | # Units | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Sub-Slab Air TO-15 - Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS Ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 - Soil Gas Air TO-15 - Sub-Slab Air TO-15 - Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS Unit ea ea ea ea ea ea ea ea Ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air Individual Certification Air Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs Expenses Hotel | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS Unit ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS Unit ca | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS LS Unit ea ea ea ea ea Ea Unit Unit LS LS Ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS LS Unit ea ea ea ea ea Ea Unit Unit LS LS Ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS LS Unit ea ea ea ea ea Ea Unit Unit LS LS Ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS LS Unit ea ea ea ea ea Ea Unit Unit LS LS Ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | \$0.0 |
| Waste Disposal WDNR Remediation Contractor/Consultant - Labora Soil VOC 8260 dry wt Soil VOC TCLP 1311 GW VOC 8260 GW VOC 8260 QA/QC Air TO-15 Soil Gas Air TO-15 Sub-Slab Air TO-15 Indoor Air Air - Individual Certification Air - Batch Certification Trip Blank VOCs 8260 Level IV QA/QC (15%) Direct Costs - Expenses Hotel Meals Misc Materials | \$ 70.00 \$ 130.00 \$ 65.00 \$ 65.00 \$ 180.00 \$ 180.00 \$ 50.00 \$ 50.00 \$ 65.00 | LS LS LS LS LS LS Unit ea ea ea ea ea Ea Unit Unit LS LS Ea | | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 | \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 | |

| | Expense | (hr/u | nit) | Hrs/Units | (da | y/use) | # days/use | (weeks/use | weeks/use | Subtotal |
|------------|------------------------------------------------------------------------------------------------------|----------|----------------|---------------|----------|------------------|------------|------------|-----------|--------------|
| | Field Vehicle - Full Day | \$ | 20.00 | III s/ Clifts | \$ | 130.00 | # days/usc | (WCCRS/USC | weeks/use | \$ - |
| Vehicles | Support Vehicle - Full Day only for daily use over 230 miles) | \$ | 30.00 0.545 | | \$ | 180.00 | | | | \$ - \$ - |
| | Air Velocity Meter (per use) | | | | \$ | 25.00 | | | | \$ - |
| | Multi-meter Conductivity/pH/Temp/TDS Dissolved Oxygen Meter | | | | \$ | 165.00 40.00 | | | | \$ - \$ - |
| | FID Foxboro/Sensidyne (TIP) | | | | \$ \$ | 155.00 | | | | s - s - |
| Meters | Flow Calibrator Methane Meter | | | | \$ | 30.00 116.00 | | | | \$ - |
| Meters | PID or 580 OVM Turbidity Meter | | | | \$ \$ | 120.00 30.00 | | | | \$ - \$ - |
| | ppb RAE | | | | \$ | 175.00 | | | | \$ - |
| | Ozone Leak Detector Inline Ozone Meter | | | | \$ \$ | 135.00 230.00 | | | | \$ - \$ - |
| | ORP Meter | | | | \$ | 30.00 | | | | \$ - |
| | Air Pump - Low Flow (Barcad) Development Pump | | | | \$ | 25.00 130.00 | | | | \$ - \$ - |
| | Electric Submersible Pump with Control Box (Unit | | | | \$ | 130.00 | | | | \$ - |
| | Low-Flow Sampling Bladder Peristaltic Pump | \$ | 12.00 | | \$ | 105.00 | | | | \$ - \$ - |
| Pumps | Pumping Test Accessory Equipment (Flow Meters | \$ | 100.00 | | | | | | | \$ - |
| | Portable SVE Unit - 1.5 HP Intrinsically Safe Vapor Evacuation Blower | | | | \$ | 155.00 125.00 | | | | \$ - \$ - |
| | Pneumatic Low-Flow Pump - 1" Well | | | | \$ | 50.00 | | | | \$ - |
| | and Multimeter Asbestos Sampling Kit | | | | \$ | 270.00 250.00 | | | | \$ - \$ - |
| | Asbestos Investigation Supplies | | | | \$ | 130.00 | | | | \$ - |
| | Asbestos Sampling Core Backpack Blower | \$ | 2.50 | | \$ | 75.00 | | \$ 200.00 | | \$ - \$ - |
| | Bailers (Disposable) | \$ | 10.00 | | | | | | | \$ - |
| | Bailers (Non-Disposable) Core Boxes | \$ | 10.00 | | \$ | 15.00 | | | | \$ - \$ - |
| | Core Sampler | | | | \$ | 55.00 | | | | \$ - |
| | De-scaler Data Logger with Transducer | | | | \$ \$ | 100.00 155.00 | | | | \$ - |
| | Well Caps | \$ | 30.00 | | s | 20.00 | | | | s - s - |
| | Elec. Well Sounder (Probe) Metal Detector | | | | \$ \$ | 30.00 50.00 | | | | \$ - \$ - |
| | 5035 Sample Kit | \$ \$ | 16.00 | | | | | | | s - s - |
| | P/T Plugs Field Book | \$ | 5.00 | | | | | | | \$ - |
| | Filter - Large Filter - Small | \$ \$ | 23.00 11.00 | | | | | | | s - s - |
| | Generator | , | 00 | | \$ | 105.00 | | | | \$ - |
| | Hand Auger Helium QA/QC Kit | | | | \$ | 30.00 265.00 | | | | \$ - \$ - |
| | Helium QA/QC Accessories | \$ | 20.00 | | Ψ | 203.00 | | | | \$ - |
| | Oil/Water Interface Probe Nitrile Sampling Gloves (Disposable) | \$ | 0.13 | | \$ | 105.00 | | | | \$ - \$ - |
| | Padlocks | \$ | 15.00 | | | | | | | \$ - |
| | Passive Diffusion Bag PDB Harness | \$ \$ | 35.00 80.00 | | | | | | | \$ - \$ - |
| | Steam Cleaner | | | | \$ | 130.00 | | | | \$ - |
| | Transducer (ea) Coring Machine | | | | \$ | 40.00 | | | | \$ - \$ - |
| | Rotary Hammer Drill | | | | \$ | 170.00 | | | | \$ - |
| | Hand Drill NAPL Sample Kit | | | | \$ \$ | 75.00 40.00 | | | | \$ - \$ - |
| | Surveying Equipment | | | | \$ | 50.00 | | \$ 200.00 | | \$ - |
| Other | SVE Inlet Air Filter SVE Dilution Air Filter | | | | \$ | 80.00 28.00 | | | | \$ - \$ - |
| | SVE Blower Oil (quart) | | | | \$ | 32.00 | | | | \$ - |
| | SVE Blower Grease (tube) O2 Meter | | | | \$ \$ | 20.00 50.00 | | \$ 175.00 | | \$ - \$ - |
| | Ozone Air Filter Holder | \$ | 1.50 | | \$ | 18.00 | | | | \$ - \$ - |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/4" OF Tubing (Bonded) - Polyethylene (Teflon): 1/4" OF | | 1.20 | | | | | | | \$ - |
| | Tubing (Bonded) - Polyethylene (Teflon): 1/16" (Tubing (Bonded) - Polyethylene: 1/4" OD X 3/8" | \$ | 1.25 | | | | | | | \$ - \$ - |
| | Tubing - Polyethylene: 1/4" OD (per foot) | \$ | 0.60 | | | | | | | \$ - |
| | Tubing - Polyethylene: 1/2" OD (per foot) Tubing - Tygon: 3/8" STD (per foot) | \$ | 0.85 4.45 | | | | | | | \$ - \$ - |
| | Tubing - Silicone: 3/8" STD (per foot) | \$ | 4.50 | | | | | | | \$ - |
| | System Wiring (per foot) PFA Tubing - 1/2-inch ID | \$ \$ | 0.60 5.00 | <u> </u> | | | | | | \$ - \$ - |
| | Manual Drive Point Kit | \$ | 90.00 | | | | | | | \$ - |
| | 55-Gallon Drum 550 gal poly tank | \$ | 55.00 | | \$ | 40.00 | | | | \$ - \$ - |
| | 325 gal poly tank | | | | \$ | 30.00 | | | | \$ - |
| | Temporary Sampling Port Trimmer | \$ | 25.00 | | \$ | 50.00 | | | | \$ - |
| | Vapor Pin Sub-Slab Sampling Port | s | 75.00 | | | | | | | \$ - |
| | Sub-Slab Cover (Stainless Steel) Well abandonment kit | \$ \$ | 40.00 25.00 | | | | | | | \$ - \$ - |
| | Well Cover 8X12" | - | 105.00 | | | | | | | \$ - |
| | Measuring Wheel Measuring Wheel or Pole | | | | \$ \$ | 15.00 15.00 | | | | \$ - \$ - |
| | Camera | | | | \$ | 25.00 | | | | \$ - |
| | 1L Tedlar Bag Radon Sample Kit | \$ | 20.00 30.00 | | | | | | | \$ - \$ - |
| | HAZMAT Exemption Shipper | \$ | 40.00 | | | | | | | \$ - |
| | Manometers Westlaw | - | 105.00 | | | | | | | \$ - \$ - |
| | CAD/drafting/graphics | \$ | 90.00 | | | | | | | \$ - |
| | Barricades & Traffic Signs Fall Protection | | | | \$ | 10.00 25.00 | | | | \$ - \$ - |
| | Gloves (Chemical Resistant) | \$ | 10.00 | | e | | | | | \$ - |
| Safety | Level "B": Level "C1" plus SCBA Level "C1": Level "C2" plus Polycoat Suit | | | | \$ | 210.00 85.00 | | | | \$ - \$ - |
| | Level "C2": Level "D" plus Respirator | | | | \$ | 40.00 | | | | \$ - |
| | Standby SCBA Routine Field and Safety Equipment | | | | \$ | 130.00 | | | | \$ - \$ - |
| | 1 Inch Binder | \$ | 9.00 | | | | | | | \$ - |
| | 2 Inch Binder 3 Inch Binder | \$ | 12.00 | | | | | | | \$ - \$ - |
| Dro de c | 4 Inch Binder | \$ | 22.00 | | | | | | | \$ - |
| Production | Binder Tabs (Set of 8) Color Copies | \$ | 5.00 0.40 | | | | | | | \$ - \$ - |
| | B/W Copies Decument Format/Sanding | \$ | 0.25 | | | | | | | \$ - |
| | Document - Format/Sending | \$ | 15.00 5.00 | | | | | | | \$ - \$ - |
| | Report CD Copy | 3 | 2.00 | | _ | | | | | |



REMEDIAL ACTION OPTIONS EVALUATION AND INTERIM ACTION DESIGN REPORT

WAGNER PROPERTY 401 NORTH WISCONSIN STREET ELKHORN, WISCONSIN BRRTS# 02-65-544400

August 12, 2021

Prepared For:

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Appendix A



CERTIFICATIONS

I, Robert S. Fedorchak, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Senior Engineer

Delentel

I, Wayne Fassbender, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Senior Project Manager

8/12/2021

Date

Document Reference:

Remedial Action Options Evaluation and Interim Action Design Report PJW Properties LLC 401 North Wisconsin Street Elkhorn, Wisconsin BRRTS# 02-65-544400

August 12, 2021



1.0 BACKGROUND

EnviroForensics LLC (EnviroForensics) has prepared this *Remedial Action Options Evaluation* and *Interim Action Design Report* on behalf of PJW Properties LLC for the property located at 401 N. Wisconsin Street in Elkhorn, Wisconsin (Site). The Site location is depicted on **Figure 1**. This report follows the Supplemental Site Investigation Report (SSIR) submitted by The Sigma Group, Inc. (Sigma) in January 2016.

A commercial dry cleaning facility operated at the Site for an unknown number of years. The facility historically used tetrachloroethene (PCE) and possibly Stoddard solvent as dry cleaning solvents. Dry cleaning equipment was historically located in the northeastern part of the site building. The site was also previously used as a gasoline service station prior to the dry cleaning operation. The current layout of the Site, including Site features, and the surrounding area, is depicted on **Figure 2**.

The primary contaminants of concern at the Site are naphthalene and chlorinated volatile organic compounds (CVOCs) including PCE and intermediate products of the natural degradation [trichloroethene (TCE); dichloroethene (DCE); and vinyl chloride]. Residual concentrations of petroleum volatile organic compounds associated with a leaking underground storage tank (LUST) are also present. The LUST case was closed by the Wisconsin Department of Natural Resources (WDNR) in 2009.

1.1 Site Hydrogeology

According to the SSIR, the lithology at the Site generally consists of sandy silts and clays to a depth of approximately 12 to 13 feet below ground surface (bgs). A layer of stiff silty clay is generally encountered from 13 feet bgs to the maximum depth investigated (55 feet bgs). The water table was encountered at depths ranging from 3 to 8 feet bgs during the Site investigation (i.e., between 2008 and 2015). The shallow groundwater flow direction, as indicated by the water table observation well measurements, was reported to vary seasonally: flow to the north was indicated when the water table was deeper; flow to the west and south was indicated during monitoring events when the water table was shallower. Groundwater elevations measured in site piezometers (i.e., the piezometric surface) have indicated flow to the south.

The approximate horizontal hydraulic gradient based on the April 2015 groundwater elevation data was estimated to be 0.01 feet per foot. The approximate vertical gradient, based on groundwater elevation data measured in monitoring well MW-2/piezometer PZ-1, monitoring well MW-1/piezometer PZ-2, and monitoring well MW-4/piezometer PZ-3 is 0.09 feet per foot



downward. The estimated hydraulic conductivity of the shallow soil in the vicinity of tested monitoring wells ranged from 2.6×10^{-4} centimeters per second (cm/s) to 1.2×10^{-2} cm/s. The hydraulic conductivity of the deeper clayey soil was approximately 2.0×10^{-5} . Additional detail regarding Site hydrogeology was provided in the SSIR.

1.2 Nature and Extent of Contamination

The primary source area for naphthalene and PCE appears to be beneath and immediately north of the former dry cleaning machine location. A secondary source area, indicated by analytical results of samples collected from borings GP-1 and MW-1, is located south of the former building.

The lateral extent of naphthalene and CVOC impacts to soil at the Site appear to be defined with the possible exception of southwest of borings GP-7 and SGP-3. The horizontal extent of impacts is defined to the south by MW-6; to the west by MW-10, MW-7, and MW-3; to the north by SGP-6, SGP-7, and SGP-9; and to the east by MW-8, SGP-10, SGP-11, SGP-12, and MW-9. With the exception of the primary source area on the north side of the Site, the vertical extent of soil impacts do not appear to extend significantly into the silty clay material that begins at a depth of approximately 12 to 13 feet bgs. Saturated soil impacts in the primary source area extend as deep as 20 feet bgs.

Concentrations of PCE in groundwater are highest in groundwater samples collected from the primary source area well and piezometers, and in general decrease in monitoring wells interpreted to be at side-gradient, up-gradient and down-gradient locations. Concentrations of breakdown products cis-1,2-DCE and vinyl chloride are more widespread in shallow groundwater beneath the Site, and the distribution of impacts supports the conclusion that groundwater flow direction is variable. The horizontal and vertical extents of CVOC impacts to shallow groundwater have not been defined; however, an appropriate remedial strategy can be developed based on the existing data set. Data summary figures from the SSIR are included in **Appendix A** for reference.



August 12, 2021

2.0 IDENTIFICATION AND EVALUATION OF REMEDIAL ACTION OPTIONS

This section focuses on the evaluation of remedial action options for control, removal, containment, and/or treatment of impacted media at the Site. The initial identification and screening of remedial action options is based on information generated during site investigation activities, including the nature and extent of contamination and the hydrogeological conditions at the Site and surrounding areas. Remediation of contaminants in soil, groundwater, and soil gas to levels that no longer migrate or pose a risk of vapor intrusion to nearby occupied structures drives the remedial options evaluation.

2.1 Remedial Action Options Screening

Potential remedial actions were screened against the conceptual site model to identify whether they would be: 1) protective of human health and the environment; and 2) are appropriate for the Site, considering applicability for Site conditions, reasonably anticipated future land uses, and other factors which would pre-emptively preclude the action from further evaluation, as well as relevance to site-specific exposure pathways. The remedial technologies that did not pass the initial screening and were eliminated from further evaluation are *not* highlighted in **Table 1**.

The following were considered likely for remediation at the Site and selected for further evaluation:

- Multi-phase extraction
- Thermal desorption
- Soil mixing: In-situ chemical oxidation (ISCO)
- Soil mixing: In-situ chemical reduction (ISCR)
- Injection: Colloidal activated carbon
- Injection: Enhanced reductive dechlorination (ERD)
- Injection: ISCR
- Injection: ISCO
- Excavation and off-Site disposal.



2.2 Remedial Action Options Evaluation

Each likely remedial action, and combination of actions, was evaluated for the following performance metrics:

- Technical Feasibility
 - o Short-Term Effectiveness,
 - o Long-Term Effectiveness,
 - o Ability to Implement, and
 - o Restoration Time Frame.
- Economic Feasibility
 - o Capital Costs,
 - o Initial Cost,
 - o Annual Operation and Maintenance, and
 - o Future Liability.

Additionally, the need for continuing obligations after completion of a remedial action, such as maintenance of an engineering control, was considered.

2.2.1 Technical Feasibility

The feasibility of a technology to remediate impacted areas at any specific site is evaluated with regard to the following specific considerations:

- Proven technology: when a *technology* is fully developed and historical success case histories are available;
- Emerging technology: when a technology is not fully developed and may not be reliable;
- Inappropriate technology: when Site conditions are not technically suitable for the application of the technology; and
- Potential additional liability: whether the treatment technology may add additional liability.



Effectiveness

The key aspect of the technical feasibility evaluation is the effectiveness of each remedial action in protecting human health and the environment. Each potential remedial action is evaluated as to its effectiveness in providing protection and the reductions in toxicity, mobility, or volume of contamination that it would achieve. Both short- and long-term components of effectiveness are evaluated; short-term referring to the construction and implementation period until case closure, and long-term referring to the period after remediation is complete. Reduction of toxicity, mobility, or volume refers to changes in one or more characteristics of the contaminated media by the use of treatment that decreases the inherent risks. Any remedial action option under consideration should minimize adverse impacts to Site workers, visitors, the surrounding population, and the environment. Community impact is also important and the technology is considered a disadvantage if the application of the technology could be perceived as negatively impacting the local community or environment.

Ability to Implement

The ability to implement is a measure of both the technical and administrative feasibility of constructing, operating, and maintaining a remedial action option, and is used to evaluate combinations of remedial actions with respect to conditions at a specific site. The determination that an option is not readily implementable would usually preclude it from further consideration unless steps can be taken to change the conditions responsible for the determination.

The technical aspects related to the ability to implement refers to the ability to construct, reliably operate, and meet technology-specific regulations for remedial actions until remediation is complete; it also includes operation, maintenance, replacement, and monitoring of technical components of an action, if required, into the future after the remedial action is complete. Administrative feasibility considers the ability to obtain approvals and permitting from other offices and agencies, the availability of treatment, storage, and disposal services and capacity, and the requirements for, and availability of, specific equipment and technical specialists.

Restoration Time Frame

The estimated time for completion of a remedial action and restoration of the environment is based on the information available from vendor(s) with experience in remediating similar sites, and EnviroForensics' past experience using technologies in similar settings. Contaminant degradation rates, both naturally and under treatment conditions, are assumed based on



experience to estimate the duration of remedial actions. If necessary, the time frame for continuing obligations is also considered.

2.2.2 Economic Feasibility

The cost to implement various options is not an exact cost but represents a combination of typical contractor costs and consultant efforts coupled with the estimated time to achieve remedial endpoints. This is inherent because uncertainties associated with the definition of options often remain, and it may not be possible or practical to collect all of the data needed to refine costs better than a reliability level of +50% to -30%.

The focus is on comparative estimates of costs between options so that if costs go up or down during the remedial process, that they remain relative. The following cost factors are considered during the evaluation of options:

- Initial costs: those costs incurred for design and testing of the remedial action;
- Capital costs: the cost to construct, install, or otherwise implement the remedial action;
- Operation and maintenance (O&M) costs: the costs to operate and maintain the remedial system or technology. The evaluation includes those O&M costs that would be incurred for as long as necessary, even after the initial remedial action is complete; and
- Future liability: includes potential additional remedial action costs and costs for property re-development are considered during evaluation to the extent they can be estimated.

2.2.3 Continuing Obligations

The involvement of continuing obligations in the closure strategy is considered in the evaluation process. Post-closure obligations may include activities such as annual cover inspections and operation, maintenance, and inspections of vapor mitigation systems. These activities may be required for an indefinite period of time following case closure. A remedial action is considered more advantageous if the resulting need for continuing obligations is limited or eliminated.

2.3 Remedial Action Options Selected

The likely remedial options identified in Section 2.1 were evaluated according to the technical and economic feasibility criteria described above. The evaluation was documented and quantified using a ranking matrix, presented in **Table 2**, to identify the most suitable technology



or combination of technologies for remediation at the Site. A score was assigned for each category and the scores were summed across all categories to produce a metric for comparison of the remedial actions. Remedial actions that received the highest scores in the ranking matrix were selected to develop overall options for soil and groundwater remediation. Based on the outcome of that evaluation, the following remedial actions were selected for testing and/or implementation:

- Excavation and off-Site disposal provides rapid removal of contaminant mass from accessible areas;
- Soil Mixing: ISCR provides maximum distribution of remedial products in the most contaminated areas and the Site is readily accessible to mixing equipment;
- Injection: ISCR readily available, proven technology suitable for treatment of high CVOC concentrations; and
- Injection: ERD combined with ISCR for continuing long-term reduction.

ISCO technologies, applied by either soil mixing and/or injection, received the same score on **Table 2** as ISCR methods. Although ISCO has the advantage of potentially treating naphthalene as wells as CVOCs, reduction methods are preferred for the following reasons:

- Lower product cost; and
- Less concern with concentration rebound and the potential need for re-application.

While elevated concentrations of naphthalene have been detected in saturated soil samples, very little naphthalene is dissolved in groundwater. Therefore, the groundwater treatment approach focuses on the chlorinated compounds. The dechlorination of PCE is naturally occurring as evidenced by the elevated concentration of daughter products, specifically cis-1,2-DCE. The introduction of organic substrates, and dehalogenating microorganisms if appropriate, will expedite the process.

2.3.1 Option 1 – Excavation and Injection

Option 1 consists of the following actions:

• Excavation of the upper 5 feet of soil in the most contaminated areas with off-site disposal as non-hazardous special waste; and



• Injection of ISCR and ERD product(s) in the source area (north of building slab) and under the former building from 5 to 35 feet bgs.

Based on the investigation data, the concentrations of contaminants in composite samples of shallow soil may be below the applicable hazardous thresholds. Implementation of Option 1 would require the collection of several shallow soil samples for analysis according to Test Method 1311: Toxicity Characteristic Leaching Procedure (TCLP) to confirm non-hazardous concentrations and to profile the waste for disposal. The shallow soil sampling could be completed in one (1) day at minimal cost. If the analysis results exceed TCLP thresholds, excavation and off-site disposal would not be economically feasible.

The proposed excavation area covers part of the eastern half of the former building, where contaminant concentrations are highest in the unsaturated zone. The excavation area would extend from HA-3 (south) to GP-3 (north), and around the former dry cleaning machine location. Option 1 has the advantage of also removing near-surface soil containing naphthalene impacts. A secondary excavation area around GP-1 would remove the CVOC hotspot at that location. The remaining near-surface contaminated soil (0-5 feet) outside of the excavation area would be left in place.

Injection is anticipated to occur within the area currently defined by the 100 μ g/L PCE contour. Three (3) additional monitoring wells and one (1) additional piezometer are proposed for both remedial design verification and post-injection performance monitoring.

2.3.2 Option 2 – Soil Mixing and Injection

Option 2 consists of the following actions:

- Soil mixing around the former location of the dry cleaning machines to a maximum depth of 15 feet bgs.
- Injection of same ISCR products as with Option 1, within a reduced treatment volume beneath and around the soil mixing zone which extend deeper than the excavation described under Option 1.

Soil mixing would be performed within a 2,200 square foot area in the northeast quadrant of the former building footprint, extending north to encompass SGP-21 and SGP-22. The 5 to 15 feet bgs depth interval in this area contains the highest contaminant concentrations, especially in the vicinity of the former dry cleaning machine locations. Soil mixing has the advantage of



maximizing contact between the ISCR products with the contaminated media. More rapid reduction of contaminant concentrations in the source area is likely with this focused treatment approach. The remaining near-surface contaminated soil (0-5 feet) outside of the mixing area would be left in place.

The aerial extent of groundwater injections would be the same as with Option 1, but the injection depth interval would be less below the soil mixing zone (i.e., 15 to 35 feet bgs), and therefore less product would be needed for the reduced treatment volume.

Both options address vapor intrusion risk to any future building.



3.0 INTERIM REMEDIAL ACTION PLAN

Remedial action Option 1, which consists of excavation and injection to treat unsaturated and saturated zone impacts, respectively, is preferred over Option 2 for the following reasons:

- Lower overall cost of implementation; and
- Shorter timeframe for potential redevelopment of the Site.

This section presents the plan for implementation of excavation activities, to be performed as an interim action prior to groundwater treatment. This section also presents a plan for additional groundwater data collection, which is needed to develop a detailed injection design.

Specifically, more data on contaminant distribution beneath the footprint of the former building is needed. This area is positioned in the middle of the anticipated treatment area. Baseline concentrations of bioremediation performance indicators such as iron, manganese, sulfate, nitrate, total organic carbon, and dissolved gasses (ethene, ethane, and methane) are also important to understand for design purposes. Once the additional data is evaluated, a suitable injection product can be selected and application details such as amendment dosing, mixing ratios, and injection point spacing can be specified.

Waste characterization sampling activities are described in Section 3.1.1 below. If more than half of the waste sample analytical results exceed regulatory limits for non-hazardous characterization, the economic feasibility of the remedial action options will be revisited. Option 2 may become less expensive than Option 1 if all or most of the excavated soil would be considered hazardous waste.

3.1 Contaminated Soil Removal

Unsaturated soil exhibiting the highest concentrations of CVOCs will be excavated and transported off-Site for disposal. Elevated concentrations of naphthalene are also present in this soil. The excavation is not designed to remove all contaminated soil. Rather, the excavation targets the most contaminated areas identified during the site investigation, with the objective of reducing further contribution to the dissolved groundwater plume.

3.1.1 Waste Characterization Sampling

A site-specific health and safety plan will be prepared for Site work as required per Occupational Safety and Health Administration (OSHA) regulations. All personnel conducting field work will have current health and safety training as specified in OSHA, 29 CFR 1910.120.



EnviroForensics personnel and a drilling subcontractor will mobilize to the Site to advance direct-push borings to facilitate soil sample collection. The objective of the sampling event is to confirm that soil within the proposed excavation zones (depicted on **Figure 3**) can be characterized as non-hazardous for waste profiling and disposal purposes. EnviroForensics personnel will observe all field activities, prepare boring logs and other field documentation, and containerize all samples for analysis. Field screening of soil for organic vapors will be performed using a photo-ionization detector (PID). Screening will be conducted at approximately two-foot depth intervals.

Eight (8) soil borings are proposed, evenly distributed across the proposed excavation areas. The soil borings will be advanced to a depth of five (5) feet bgs. One (1) composite sample of the entire 5-foot soil core will be collected from each boring, including soil from the interval that exhibits the highest PID reading. The eight (8) soil samples will be analyzed for volatile organic compounds (VOCs) according to the TCLP, SW-846 Test Method 1311. The results of the TCLP analyses will be compared to hazardous thresholds to delineate zones of non-hazardous and hazardous waste.

3.1.2 Excavation, Transportation, and Disposal

The boundaries of two (2) proposed excavation areas are depicted on **Figure 3**. The objective of excavation in Area A is to remove soil containing the highest CVOC impacts. The objective of excavation in Area B is to remove the CVOC hotspot identified by boring GP-1. The concrete slab will be broken up at four (4) locations and pieces from each location will be collected for VOC analysis by the TCLP test method. The existing concrete slab will then be cut along the west side of excavation Area A, and the concrete overlying Area A will be broken part and transported off-site for disposal. The disposal site will depend on the results of the TCLP analyses. The target excavation depth in both areas will be five (5) feet. An excavator will load dump trucks continuously as the excavation progresses. All non-hazardous waste will be transported to Pheasant Run Landfill in Bristol, Wisconsin. A non-hazardous waste manifest will accompany each load, and documentation of disposal will be requested. EnviroForensics anticipates that 390 tons of soil will be removed.

Specific procedures for management of hazardous waste, of any, will be determined after the characterization sampling has been completed.



3.1.3 Post-Excavation Soil Sampling

Excavation floor and sidewall samples will be collected to document residual VOC concentrations and for use in estimating the VOC mass removed. Up to 8 floor samples and 10 sidewall samples may be collected using new Terra Core™ sampling devices, or similar. Soil samples will be immediately placed in a cooler on ice under chain of custody control and submitted to Synergy Environmental Lab for analysis of VOCs by the United States Environmental Protection Agency (U.S. EPA) Method 8260. The soil sampling results will be summarized and compared to Residual Contaminant Levels (RCLs).

3.2 Data Collection for Injection design

The remedial technology selected for groundwater is the application of ISCR and ERD solutions by injection. The target compounds for treatment are CVOCs, including PCE and its degradation products TCE, cis-1,2-DCE, and vinyl chloride. As of April 2015, each of these compounds was present in one (1) or more monitoring wells at concentrations above their respective enforcement standards and up to the following maximum concentrations:

- PCE at 37,000 micrograms per liter (μg/L) in PZ-3;
- TCE at 2,330 µg/L in MW-1;
- cis-1,2-DCE at 15,500 µg/L in MW-1; and
- Vinyl chloride at 1,330 μg/L in PZ-2.

The anticipated treatment area is within the 100 parts per billion PCE contour shown on the Groundwater Quality Map - Figure 4 in **Appendix A**. Given the range in magnitude of these concentrations over a relatively small area, additional data is needed to develop an appropriate injection design and define objectives.

3.2.1 Monitoring Well Installation

Three (3) additional monitoring wells and one additional piezometer are proposed within footprint of the former building. The new wells will serve the dual purpose of further defining the distribution of VOC concentrations and providing monitoring points for evaluating the performance of the future remedial injection. The proposed monitoring well/piezometer locations are depicted on **Figure 4**. The water table monitoring wells, to be designated MW-14, MW-15, and MW-16, will be constructed of 2-inch diameter PVC screened from 4 to 14 feet



bgs. The piezometer, to be designated PZ-5, will be constructed of 2-inch diameter PVC screened from 30 to 35 feet bgs. As shown on **Figure 4**, MW-14 and PZ-5 will be nested.

The new monitoring wells are close to the locations of previous borings SGP-13, SGP-17, and SGP-20, respectively. Therefore, soil logging and sampling during well installation activities are not proposed.

3.2.2 Groundwater Sampling

EnviroForensics will develop the new wells by surging and bailing in accordance with Wisconsin Administrative Code (WAC) Chapter NR 141. Samples will then be collected from the new wells, along with select existing wells within the anticipated treatment area. The following wells will be sampled for VOCs and baseline bioremediation performance parameters:

• MW-1, MW-4, MW-14, MW-15, MW-16, PZ-2, PZ-3, and PZ-5.

The additional parameters will consist of total and dissolved iron; total and dissolved manganese; sulfate; nitrate; nitrite; total organic carbon; and ethene, ethane, and methane. In addition, the four (4) new wells will be sampled for dehalococcoides (DHC) population and functional genes.

Based on information reviewed by EnviroForensics, low-flow sampling methods will not be suitable due to limited recharge rates. Therefore purging and sampling will be completed using new, disposable bailers. Field parameters including pH, specific conductivity, temperature, oxidation reduction potential, and dissolved oxygen will be measured during purging and recorded on a sampling form. The wells will be purged dry and allowed to recharge overnight.

One (1) duplicate sample and one (1) equipment blank will be collected for every 10 or fewer investigative samples, and one (1) trip blank sample will be analyzed per sample cooler for quality assurance/quality control (QA/QC) purposes. The groundwater samples will be transmitted to a state-certified laboratory for analysis according to U.S. EPA test methods. The DHC analyses will be performed by Microbial Insights laboratory in Knoxville, Tennessee.

3.2.3 Investigation-Derived Media Management

Investigation-derived media (IDM), including soil cuttings, purge water, and decontamination fluids, will be containerized in 55-gallon drums. The IDM will be characterized by collecting



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composite samples from the drums at a rate of one (1) sample per two (2) drums. The soil and liquid IDM will be profiled and removed from the Site by a licensed contractor.

3.3 Reporting

In accordance with WAC Chapter NR 724.15, EnviroForensics will prepare documentation of the interim action that presents the excavation details as implemented in the field. Tables, maps, figures, and supporting data will also be included, as needed. Any deviation from design plans presented herein will be explained. Well construction and development forms (Form 4400-133A/B) will also be prepared to document installation of the new wells.

3.4 Implementation Schedule

Planning and contracting for excavation activities can be initiated immediately upon WDNR approval of the actions and cost estimate presented herein. The excavation and backfilling activities can be completed in three (3) days. Monitoring well installation and sampling activities will occur after excavation because three (3) of the proposed wells will be located within the excavation area. Well installation, development and sampling will be completed within a time period of one month. The Interim Action Completion Report will be submitted within 60 days of completion.



TABLES

Document: 6526-0031

TABLE 1 REMEDIAL ACTION OPTIONS SCREENING

Wagner Property 401 N. Wisconsin Street Elkhorn, Wisconsin

| General Response Action | Remedial Action | Description | Applicable and Appropriate? | Further Evaluation Warranted | | | |
|----------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| No Remediation | Monitored Attenuation | Monitor to confirm adequate attenuation of contaminant concentrations is occurring and screen for potential changes in exposure potential. | No | No. The timeframe for restoration is unacceptable. | | | |
| | Soil Vapor Extraction | Volatilization of contaminant mass in unsaturated zone and removal via vacuum extraction. | No | No. This option is not suitable due to the shallow water table and vertical distribution of contaminant mass. | | | |
| | Multi-Phase Extraction | Removal of contaminants in liquid and vapor phases via vacuum extraction. | Yes | Yes. This option is potentially suitable assuming permeability permits acceptable vapor and groundwater transport and recovery rates. | | | |
| | Thermal Desorption | Removal of contaminants in aqueous, liquid, and sorbed phases by heating and volatilization, with subsequent vacuum extraction. | Yes | Yes. Thermal treatment is approprate for the type of contaminant and depth. | | | |
| | Soil Mixing: <i>In-Situ</i> Chemical Oxidation | Involves the addition of oxidation reagents to a contaminated material (e.g. soil or sludge) to facilitate oxidative destruction of contaminants. Mixing of is performed using heavy equipment such as augers or specialized soil mixing tools. | Yes | Yes. Oxidation is suitable for the type of contaminant, and mixing methods are feasible considering the depth of impacts. | | | |
| | Soil Mixing: <i>In-Situ</i> Chemical Reduction | Involves the application of additives such as zero-valent iron to a contaminated material (e.g. soil or sludge) to facilitate reductive processes. Mixing of is performed using heavy equipment such as augers or specialized soil mixing tools. | Yes | Yes. Chemical reduction is suitable for the type of contaminant, and injection methods are feasible considering the depth of impacts. | | | |
| <i>In-Situ</i> Remediation | Soil Mixing: Solidification and Stabilization | Stabilization involves the addition of reagents to a contaminated material (e.g. soil or sludge) to produce more chemically stable constituents. Solidification involves the addition of reagents to a contaminated material to impart physical/dimensional stability to contain contaminants in a solid product and reduce access by external agents (e.g. air, rainfall). Mixing of is performed using heavy equipment such as augers or specialized soil mixing tools. | No | No. Stability and movement of contamination are not drivers for remediation. | | | |
| | Injection: Air Sparging | Injection of air into the subsurface to promote volatilization and subsequent removal of contaminants via vapor extraction. | No | No. The required vapor extraction component is not suitable. | | | |
| | Injection: Colloidal Activated Carbon | Injection of colloidal organic carbon in the saturated zone via direct-push methods to sequester organic contaminants and promote biodegradation of the contaminants via reductive processes. | Yes | Yes. The investigation results indicated that natural attenuation via biodegradation is in progress and could be enhanced. | | | |
| | Injection: Enhanced Aerobic Bioremediation | Application of nutrients and/or oxygen to the subsurface to accelerate naturally-occurring breakdown of contaminants via aerobic bacteria. | No | No. This option is not suitable due to the poor suitability of the technology for remediating the targeted COCs. | | | |
| | Injection: Enhanced Reductive Dechlorination | Injection of an organic substrate to stimulate the growth of dehalogenating bacteria and, by extension, stimulate the degradation of chlorinated compounds via reductive dechlorination. | Yes | Yes. The investigation results indicated that natural attenuation via biodegradation is in progress and could be enhanced with the addition of dehalogenating microorganisms. | | | |
| | Injection: <i>In-Situ</i> Chemical Reduction | Injection of chemically reductive additives such as zero-valent iron to promote degradation of contaminants via reductive processes. | Yes | Yes. Chemical reduction is suitable for the type of contaminant, and injection methods are feasible considering the depth of impacts. | | | |
| | Injection: Ozone Sparging | liniection stream to facilitate oxidative destriction of confaminants | Yes | No. The required vapor extraction component is not suitable. | | | |
| | Injection: <i>In-Situ</i> Chemical Oxidation | Injection of chemically oxidative groundwater additives such as hydrogen peroxide, potassium permanganate, or persulfates to destroy contaminants. | Yes | Yes. Oxidation is suitable for the type of contaminant, and injection methods are feasible considering the depth of impacts and pilot test results. | | | |
| | Phytoremediation | Use of plants to remove, contain, and/or degrade contaminants. | No | No. This option is not applicable due to the depth of residual impacts. | | | |
| Removal Action | Pump-and-Treat | Removal of contaminated groundwater via pumping and subsequent treatment. | No | No. This option is not suitable due to the size of the site and relatively compact plume. | | | |
| | Excavation and Disposal | Removal of contaminated soil using excavation equipment. | Yes | Yes. The site is vacant and readily accessible to excavation equipment. | | | |
| | Physical Barrier or Permeable Reactive Barrier (PRB) | Linear placement of sheet piling or chemically reductive additives such as zero-valent iron or other compounds or solutions to prevent contamination from migrating outside a given area. PRB installed by trenching or jetting. | No | No. There is no definite and predictable groundwater flow direction. | | | |

Note:



TABLE 2 REMEDIAL ACTIONS OPTIONS EVALUATION MATRIX

Wagner Property 401 N. Wisconsin Street Elkhorn, Wisconsin

| General Response Action | Remedial Action | Effectiveness | Ability to Implement | Restoration Timeframe | Economic Feasibility | Cumulative Points | |
|-------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------|-------------------------|----------------------|----|
| | Multi-Phase Extraction | Removal of contaminants in liquid and vapor phases via vacuum extraction. | 3 | 5 | 3 | 2 | 13 |
| | Thermal Desorption | Removal of contaminants in aqueous, liquid, and sorbed phases by heating and volatilization, with subsequent vacuum extraction. | 5 | 4 | 5 | 1 | 15 |
| | Soil Mixing: <i>In-Situ</i> Chemical Oxidation | Involves the addition of oxidation reagents to a contaminated material (e.g. soil or sludge) to facilitate oxidative destruction of contaminants. Mixing of is performed using heavy equipment such as augers or specialized soil mixing tools. | 4 | 5 | 4 | 3 | 16 |
| In-Situ Remediation | | Involves the application of additives such as zero-valent iron to a contaminated material (e.g. soil or sludge) to facilitate reductive processes. Mixing of is performed using heavy equipment such as augers or specialized soil mixing tools. | 4 | 5 | 4 | 3 | 16 |
| | Injection: Colloidal Activated Carbon | Injection of colloidal organic carbon in the saturated zone via direct-push methods to sequester organic contaminants and promote biodegradation of the contaminants via reductive processes. | 3 | 5 | 3 | 3 | 14 |
| | Injection: Enhanced Reductive Dechlorination | Injection of an organic substrate to stimulate the growth of dehalogenating bacteria and, by extension, stimulate the degradation of chlorinated compounds via reductive dechlorination. | 3 | 5 | 3 | 4 | 15 |
| | Injection: In-Situ Chemical Reduction | Injection of chemically reductive additives such as zero-valent iron to promote degradation of contaminants via reductive processes. | 4 | 5 | 3 | 4 | 16 |
| | Injection: In-Situ Chemical Oxidation | Injection of chemically oxidative groundwater additives such as hydrogen peroxide, potassium permanganate, or persulfates to destroy contaminants. | 4 | 5 | 3 | 4 | 16 |
| Removal Action | Excavation and Disposal | Removal of contaminated soil using excavation equipment. | 4 | 5 | 5 | 2 | 16 |

Notes:

Scores assigned represent the relative suitability of the process option for the given criteria, with 0 representing the lowest suitability and 5 representing the highest suitability. Relative Ranking (all criteria but cost): 0 = Very low to none; 1 = Low; 2 = Low to moderate; 3 = Moderate; 4 = Moderate to high; 5 = High

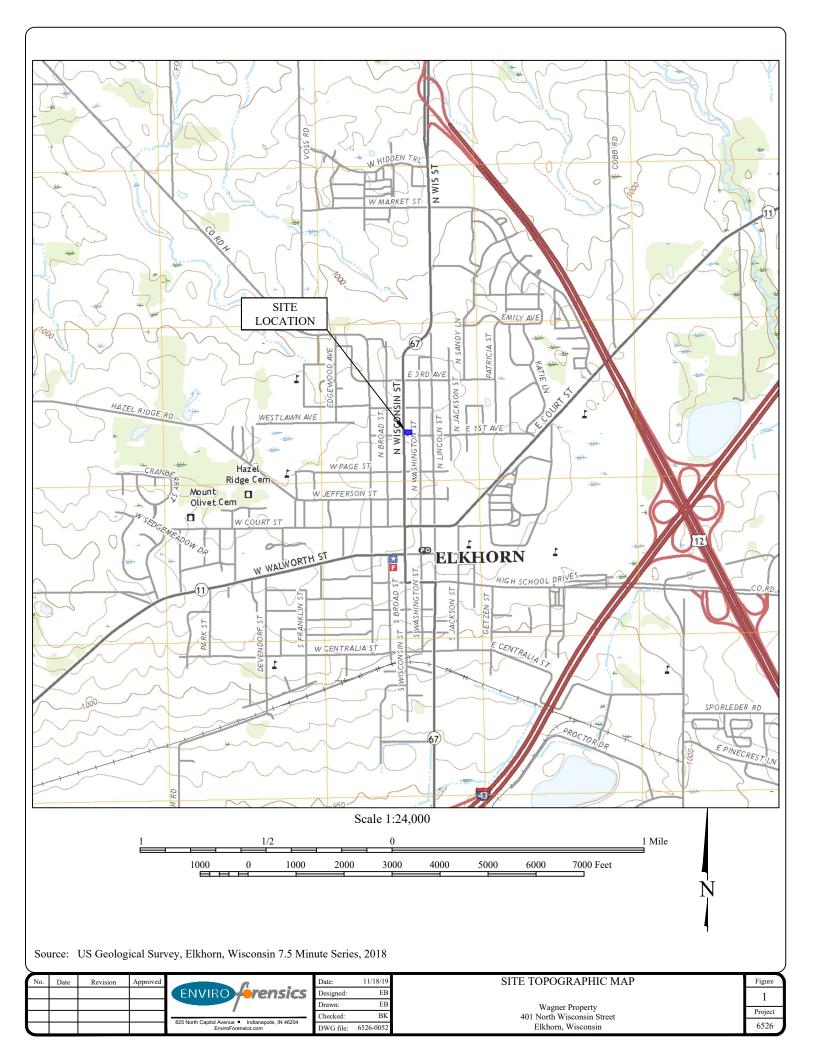
Relative Ranking (all Criteria but cost): 0 = Very low to lione; 1 = Low; 2 = Low to moderate; 3 = Moderate to high; 3 = High Relative Ranking for Cost: 0 = High; 1 = Moderate to high; 2 = Moderate; 3 = Low to moderate; 4 = Low; 5 = Very low to none

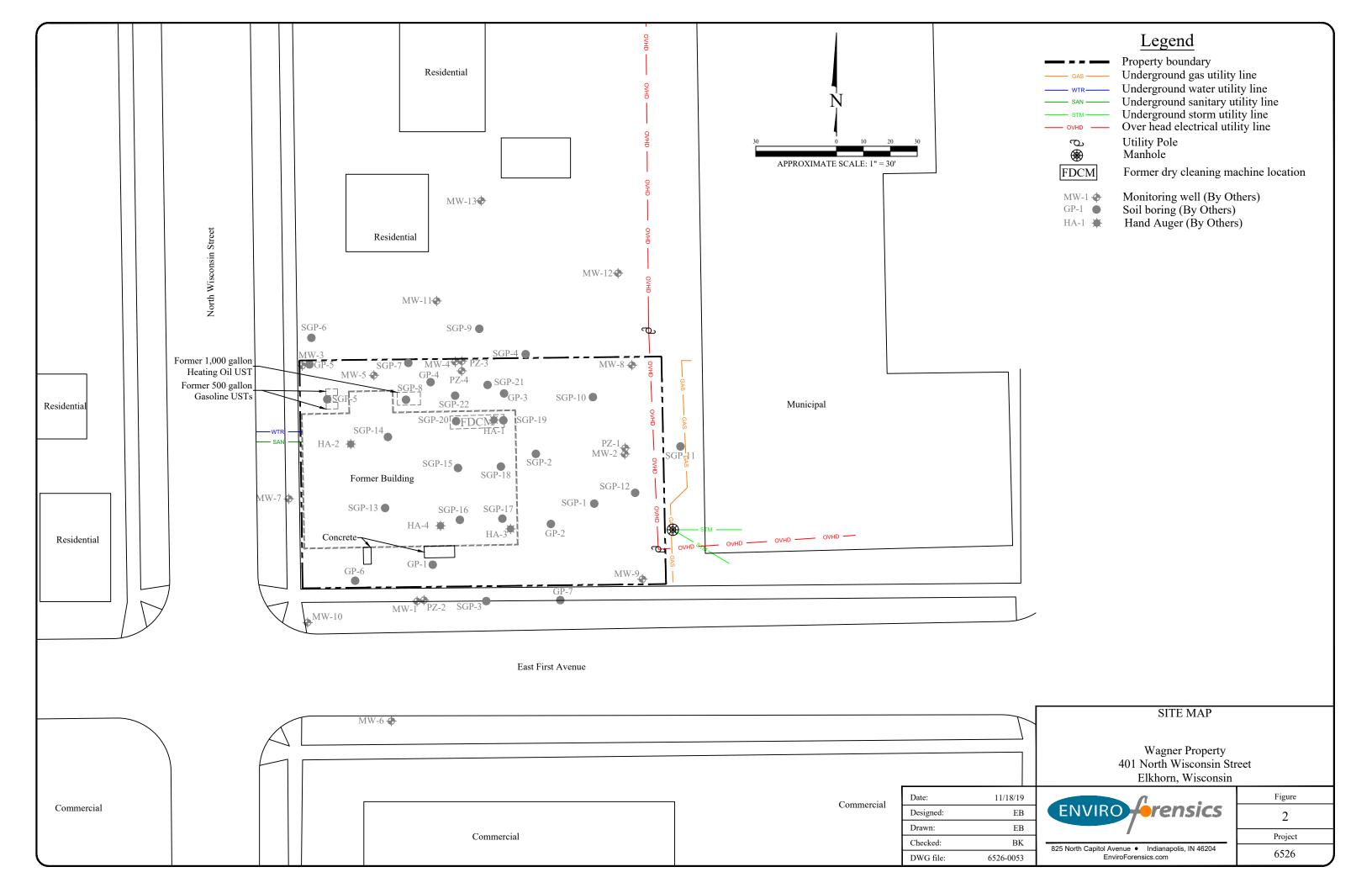


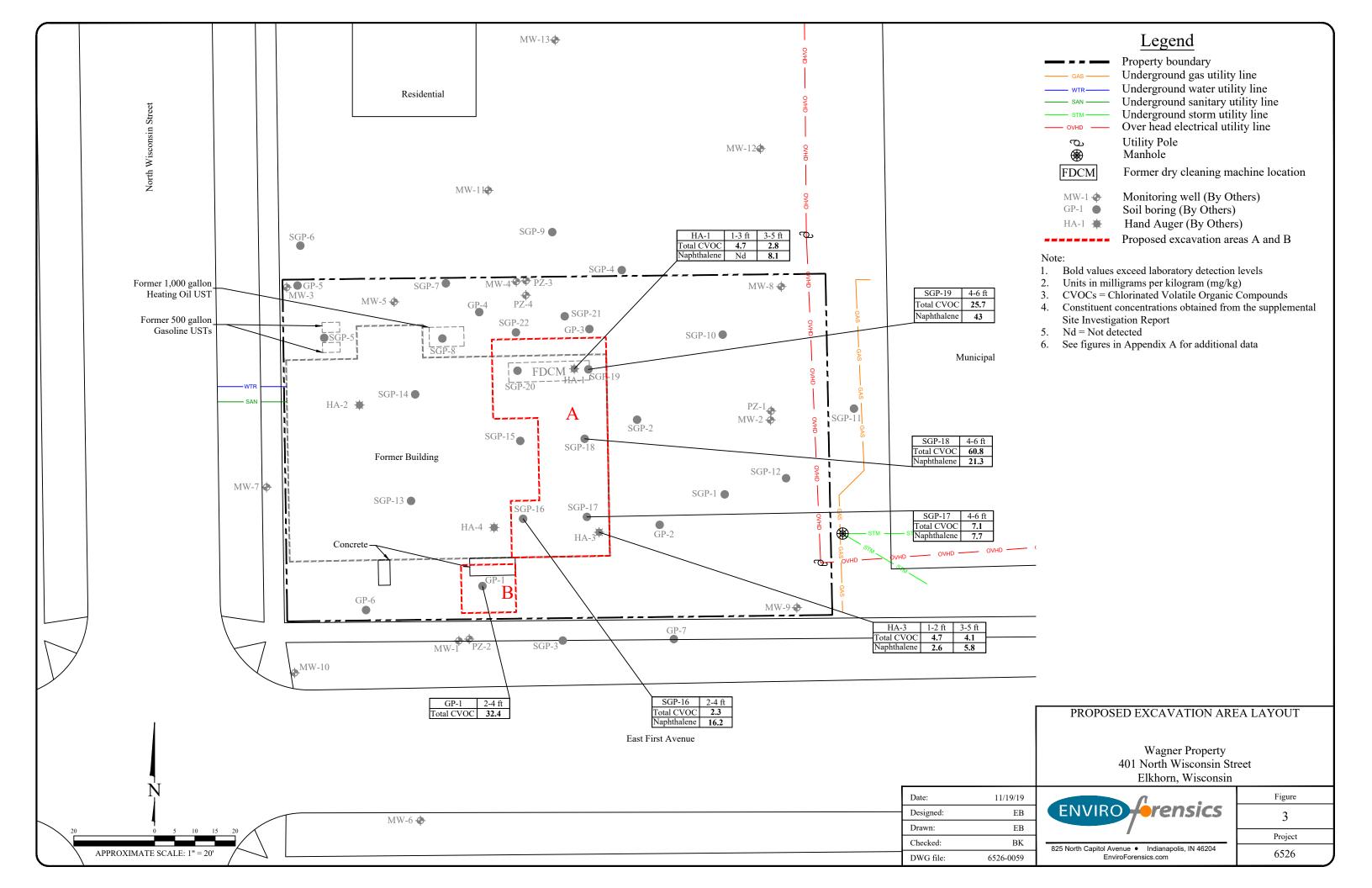


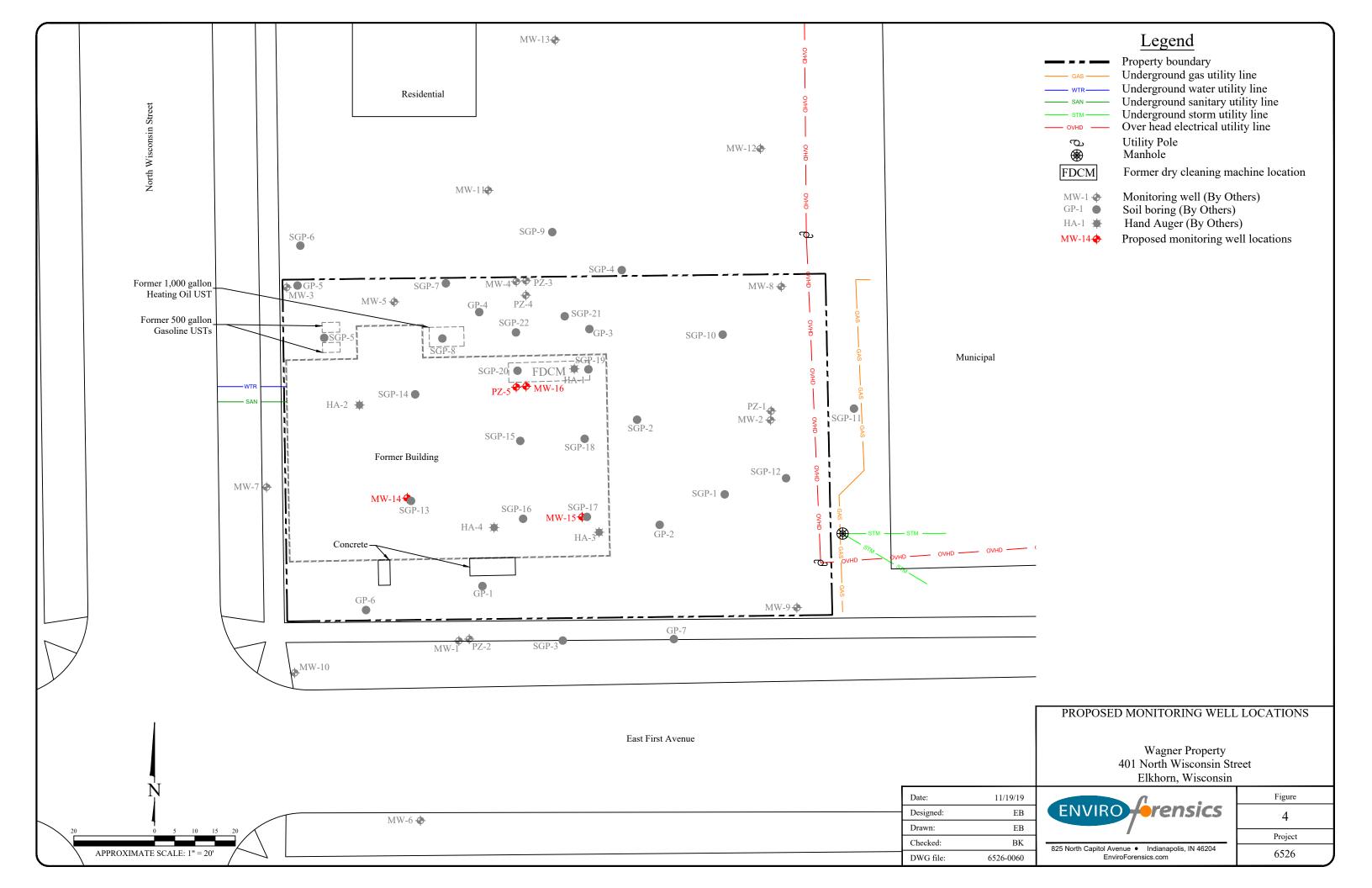
FIGURES

Document: 6526-0031











APPENDIX A

FIGURES FROM THE SUPPLEMENTAL SITE INVESTIGATION REPORT

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