MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

RI Work Plan

Project Title: Remediation Master Contract – Category A Scenario A

1. Project Summary

The site consists of a former ag chemical plant that operated from 1960 to 1991. Through review of available documentation, several high risk areas of contamination were identified at the site. These areas were summarized in Section 5.1 of this proposal and are listed in the Proposed Sampling Strategy provided later in this Work Plan. Previous investigations conducted at the site identified the presence of chlorinated ethenes (most notably TCE) and several ag chemicals in soil and GW above applicable Minnesota agency criteria. Additionally, VI sampling (subslab and passive vapor) indicated concentrations of vapors that may pose an unacceptable risk. We have also identified several other potential COCs, including PFAS, dioxins, furans, and petroleum constituents based on operations at the site. Based on the results of the previous investigations and data gaps identified at the site, additional investigation is warranted.

2. Statement of Problems, Opportunities, and Existing Conditions

Existing data from the site indicate that unacceptable risk may be present at the site and nearby properties due to exposure to contaminated soil, GW, and indoor air (from VI). Through review of available information, data gaps were identified that warrant additional investigation. A summary of the site status and identified data gaps is provided in EA's Understanding of the Project (Section 5.1) attached to this Work Plan. In general, the data gaps associated with the former ag building, garage area, SW and sediment, GW, and the private residences were identified based on the use of the property and existing data. To address these data gaps, an RI is proposed at the site. The overall approach for the RI and future action is provided in EA's Approach (Section 5.2) attached to this Work Plan. Specific details as to the methodology of the RI are included in this Work Plan. The RI will be performed in accordance with MPCA and MDA guidance, including, but not limited to:

- MPCA Risk-Based Site Evaluation Manual and associated guidance (Risk-Based Site Characterization and Sampling Guidance, etc.)
- MPCA Soil and GW Assessments Performed during Site Investigations (prp4-01)
- MPCA VI Assessments Performed during Site Investigations (prp4-01a)
- MPCA Soil Sample Collection and Analysis Procedures (prp4-04)
- MPCA GW Sample Collection and Analysis Procedures (prp-05)
- MDA RI and Work Plan (GD9)
- MDA Soil Sampling Guidance (GD11)
- MDA GW Sampling Guidance (GD12).

3. Goals, Objectives, Tasks, and Subtasks

The goal of the project is to address any site contamination that results in unacceptable risk to onsite and offsite receptors. To accomplish this goal, the first objective is to complete an investigation at the site to adequately characterize sources of unacceptable risk at the site. This objective will be accomplished through performance of the following Tasks:

Task A: RI Work Plan

Prior to initiation of fieldwork, a site visit will be held to observe the site conditions and an RI Work Plan will be developed. The Work Plan will include a summary of the work conducted to date, identification of the data gaps and the need for further investigation, and the methodology for completion of the investigation. Included in the Work Plan will be a list of soil borings, monitoring wells, and sample locations that will be part of the field effort. Figures showing the proposed locations will be prepared. The Work Plan will be developed based on a review of existing guidance documents associated with all of the relevant MPCA/MDA programs (discussed above and summarized in Section 2.6 of this proposal) and through collaborative discussion with representatives of these programs during project planning. The investigative plan will be developed to satisfy all the program requirements, while identifying opportunities to combine sampling efforts to perform the investigation in the most efficient manner possible. Additionally, where possible, the plan will incorporate green and sustainable practices, such as the use of field instrumentation and phased investigation to minimize the number of samples required. The Work Plan will be submitted to MPCA/MDA for review.

Following review, EA is prepared to address any comments received and prepare a revised Work Plan for approval.

Task B: Field Investigation

Following approval of the Work Plan, the field investigation will be initiated. The investigation will consist of the subtasks summarized below.

Subtask 1: Pre-Mobilization Preparation
Prior to mobilization, EA will perform the following tasks:

- Obtain permission to access the site and identify any existing onsite limitations that warrant adjustment to proposed sample locations
- Obtain necessary permits (well permits, etc.)
- Perform a utility location/clearance.

Subtask 2: Soil Borings and Sample Collection – Initial Phase
Following completion of the pre-mobilization preparation, the field team will mobilize to the site to perform the investigation activities. EA is proposing completion of the RI in a phased-approach, including an initial phase and a follow-up phase. The initial phase will include collection of samples from all media in all the high risk areas with GW samples being collected from existing wells (monitoring, potable, and onsite supply) and temporary monitoring wells. The follow-up phase will consist of addressing any remaining data gaps and include installation and sampling of permanent monitoring wells, as warranted. By conducting the investigation in a phased approach, initial data collected will be used to focus in on areas of concern during the follow-up phase, resulting in the collection of a higher quality data set and reduction of costs associated with the investigation. The initial phase will consist of the following:

- Collection of surface soil samples for analysis
- Advancement of soil borings to collect subsurface soil for analysis
- Completion of selected soil borings as temporary monitoring wells for GW sample collection
- Collection of GW samples from the onsite supply well and offsite residential potable wells
- Collection of sediment samples from the adjacent river
- Collection of SW samples from the adjacent river
- Collection of soil gas/subslab samples from the onsite garage and offsite residences
- Performance of a geophysical survey to identify the location of the UST and any underground utilities that may act as subsurface conduits for contaminant migration in areas of identified soil contamination.

Soil collected from the site will be field screened utilizing a photoionization detector. In addition, soil from areas of petroleum impact will be evaluated via a petroleum-saturated soil screening test for the presence of free-phase petroleum. The samples will be collected following MPCA/MDA protocols and submitted for laboratory analysis of various constituents, including VOCs, DROs, GROs, PFAS, metals, dioxins/furans, MDA pesticides (List 1 and 2), TKN, and nitrate. The COCs, proposed number of soil borings/samples, sample intervals, and analyses for the high risk areas are summarized in the table below. Additionally, the target areas of the investigation are discussed in the Section 5.1 attached to this Work Plan. The proposed locations, number of borings, and analyses may be adjusted based on what is observed in the field. Additional analyses may be added to samples based on the observations at other locations. Selected soil borings will be completed as temporary monitoring wells based on site observations and field screening. The temporary monitoring wells will be sampled for the same parameters as the soil within those borings following MPCA/MDA protocols. In addition to the parent samples, appropriate quality control/quality assurance samples will be collected, including field blanks, trip blanks, blind duplicates, matrix spike/matrix spike duplicates, and rinsate blanks. Additionally, data will be submitted for data validation.

Proposed Sampling Strategy

High Risk Area	COCs	Proposed Number of Borings/Samples	Sampling Intervals**	Laboratory Analysis
Former Dry Fertilizer Building	Ag Chemicals, PFAS, VOCs, dioxins/furans	9 borings	**Non-Petroleum** 0-4 feet bgs (2-6 inches for surface) and 4-12 feet bgs, deeper as needed to evaluate soil impacts to GW **Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft)	VOCs by EPA Method 8260, PFAS by EPA Method 537, dioxins/furans by EPA Method 8290A Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Service Garage	VOCs, SVOCs (PAHs), GROs, DROs, Ag Chemicals, metals, PCBs	3 borings	**Non-Petroleum** 0-4 feet bgs (2-6 inches for surface) and 4-12 feet bgs, deeper as needed to evaluate soil impacts to GW **Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft) **Petroleum** 2 samples per boring depending on observations (borings to 5 feet into GW or 10 ft below contamination	VOCs by EPA Method 8260, SVOCs by EPA Method 8270, DROs/GROs by WI DNR Methods, RCRA metals by EPA Method 6010, PCBs by EPA Method 8082, grain size Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Parking Areas	Ag Chemicals	6 borings (3 on north and 3 on south)	**Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft)	Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Trench Drain/500-Gallon UST	VOCs, SVOCs (PAHs), GROs, DROs, Ag Chemicals, metals	7 borings (4 around tank, 3 along drain line)	**Non-Petroleum** 0-4 feet bgs (2-6 inches for surface) and 4-12 feet bgs, deeper as needed to evaluate soil impacts to GW **Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft) **Petroleum** 2 samples per boring depending on observations (borings to 5 feet into GW or 10 ft below contamination	VOCs by EPA Method 8260, SVOCs by EPA Method 8270, DROs/GROs by WI DNR Methods, RCRA metals by EPA Method 6010, PCBs by EPA Method 8082, grain size Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2

High Risk Area	COCs	Proposed Number of Borings/Samples	Sampling Intervals**	Laboratory Analysis
North of Service Garage	VOCs, GROs, DROs, Ag Chemicals, metals, SVOCs (PAHs), PCBs	4 borings along stream	**Non-Petroleum** 0-4 feet bgs (2-6 inches for surface) and 4-12 feet bgs, deeper as needed to evaluate soil impacts to GW **Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft) **Petroleum** 2 samples per boring depending on observations (borings to 5 feet into GW or 10 ft below contamination	VOCs by EPA Method 8260, SVOCs by EPA Method 8270, DROs/GROs by WI DNR Methods, RCRA metals by EPA Method 6010, PCBs by EPA Method 8082, grain size Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
500-Gallon Fuel Oil AST	DROs, SVOCs (PAHs), VOCs	3 borings around tank	**Petroleum** 2 samples per boring depending on observations (borings to 5 feet into GW or 10 ft below contamination	VOCs by EPA Method 8260, SVOCs by EPA Method 8270, DROs by WI DNR Method, grain size
1,000-Gallon Gasoline UST	GROs, VOCs	4 borings around tank	**Petroleum** 2 samples per boring depending on observations (borings to 5 feet into GW or 10 ft below contamination	VOCs by EPA Method 8260, GROs by WI DNR Method, grain size
Discolored Soil North of Fertilizer Building	Ag Chemicals, VOCs	3 borings	**Non-Petroleum** 0-4 feet bgs (2-6 inches for surface) and 4-12 feet bgs, deeper as needed to evaluate soil impacts to GW **Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft) *Possible petroleum sampling based on field observations/screening*	VOCs by EPA Method 8260 Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Stream	VOCs, SVOCs, DROs, GROs, Ag Chemicals	6 SW/sediment samples	Sampling spaced along stream	VOCs by EPA Method 8260, SVOCs by EPA Method 8270, DROs/GROs by WI DNR Methods Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Site-Wide TCE Data Gaps	VOCs	6 borings as temporary monitoring wells*	6 GW samples	VOCs by EPA Method 8260

High Risk Area	COCs	Proposed Number of Borings/Samples	Sampling Intervals**	Laboratory Analysis
Waterfill Supply Well Area	VOCs, Ag Chemicals	3 borings	**Non-Petroleum** 0-4 feet bgs (2-6 inches for surface) and 4-12 feet bgs, deeper as needed to evaluate soil impacts to GW **Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft), deep subsurface (25 ft or at GW table)	VOCs by EPA Method 8260 Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Scale Area	Ag Chemicals	3 borings	**Ag Chemical** Composite surface (0-6 inches bgs), composite subsurface (2-2.5 ft bgs), discrete subsurface (4.5-5 ft), deep subsurface (25 ft or at GW table)	Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Residential Area – GW	VOCs (possibly Ag Chemicals)	Sample 5 potable wells	5 GW samples	VOCs by EPA Method 8260 Ag Chemicals by EPA Method 8270D_AgChem (List 1), EPA Method 8151A/B (List 2), nitrate by EPA Method 353.2, and TKN by EPA Method 351.2
Residential Area – VI	VOCs	2 subslab samples at each of 9 houses (2 events) 20 subslab samples at garage (1 event opposite season of previous event) = total of 56 samples	Subslab/soil gas (depending on building construction)	VOCs via EPA Method TO-15

* These locations are in addition to other proposed boring locations that will also be sampled for VOCs to evaluate site-wide TCE concentrations. EA is proposing to analyze all GW samples collected for VOCs.

** In addition to intervals prescribed by MPCA/MDH guidance, field observations and soil screening will also be utilized to determine depths from which samples are collected.

NOTES: bgs = Below ground surface.
PAH = Polycyclic aromatic hydrocarbons.
PCB = Polychlorinated biphenyls.
RCRA = Resource Conservation and Recovery Act.
SVOC = Semivolatile organic compound.
WI DNR = Wisconsin Department of Natural Resources.

Subtask 3: Additional Sample Collection and Monitoring Well Installation and Sampling

Following receipt and evaluation of data collected from the initial phase, a follow-up phase will be conducted at the site. The sample locations, number of samples, and analytical methodologies will be based on the findings of the initial phase. The goal will be to further refine the extent of contamination and address any remaining data gaps. As part of this follow-up phase and based on the results on temporary monitoring well/supply well/potable well sampling, permanent monitoring wells will be installed at the site and sampled. The wells will be installed in accordance with MDH regulations and will be properly developed. GW flow will be determined/verified and hydraulic properties will be evaluated (i.e., slug tests, etc.), as appropriate. The monitoring wells will be sampled utilizing low-flow methodology in

accordance with MPCA and MDA guidance. Field water quality parameters will also be collected as part of determining stabilization prior to sampling. Applicable QC/QA samples will also be collected as noted in Subtask 2 and data will be validated. As part of this second phase, the second round of VI sampling will be conducted. Unless the initial round of sampling indicates an exceedance of the 33X ISV values, samples will be collected from the same locations. If the 33X ISV value is exceeded in the initial round, additional samples are not warranted at that location, as mitigation is required. The samples collected from the site during the follow-up round will be analyzed via the same methodologies listed above, as appropriate.

Task C: Risk Evaluations

Following completion of the field investigation and receipt of the analytical data, human health and ecological risk evaluations will be performed. The risk evaluations will be conducted in accordance with the MPCA risk-based guidance (human health) and MPCA/EPA guidance (ecological) and include a tiered approach in order to identify the potential risk and the COCs that drive that risk. Appropriate up-to-date MPCA/MDH/EPA media-specific criteria will be utilized in the risk evaluations. The risk evaluations will evaluate the exposure mechanisms, pathways, and receptors (receptor survey) and the site CSM will be updated based on the findings of the risk evaluation. The conclusions of the risk evaluations will be utilized to determine a path forward with respect to the need for RA, and identification of what areas/media/COCs warrant further action.

Task D: Report

The results of the investigation and risk evaluations will be summarized in an RI Report. The report will include a discussion of the field effort, data collected, results of the sample analysis, methodology and results of the risk evaluations, and conclusions and recommendations with respect to further action, as warranted. The RI Report will be prepared in accordance with the MPCA Risk-Based Site Evaluation Manual guidance, MPCA Petroleum Remediation Program Guidance (Investigation Report, prp4-06), and MDA Guidance (Ag Chemical Incident RI Report and Corrective Action Plan, GD10). The RI Report will be submitted to MPCA/MDA for review. Following review, EA is prepared to address any comments received and prepare a revised RI for approval.

Objective 1 Timeline: It is anticipated that the work will be conducted on the following timeline:

- Draft Work Plan – 30 days
- Final Work Plan – 15 days (following receipt of MPCA/MDA comments)
- Initial Phase (including laboratory analysis) – 45 days
- Review and evaluation of initial phase data and follow-up phase planning – 30 days (following receipt of initial phase data)
- Follow-Up Phase (including laboratory analysis) – 45 days
- Risk Evaluation – 21 days (following receipt of follow-up phase data)
- Draft RI Report – 45 days (following receipt of follow-up phase data)
- Final RI Report – 15 days (following receipt of MPCA/MDA comments).

Objective 1 Deliverables: Deliverables for this objective include the following:

- Draft and Final RI Work Plan
- Draft and Final RI Report.

MINNESOTA POLLUTION CONTROL AGENCY
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Example Workplan

Project Title: Scenario A-Remedial Design/Remedial Action

1. Project Summary: Project Summary:

The site is a former agricultural chemical plant that operated from 1960 to 1991. A dry fertilizer building burned down in 1999. The fire was extinguished with firefighting foam. Only a cracked concrete slab remains of the dry fertilizer building. A scale remains at the west end of the former dry fertilizer building. A pesticide mixer/blender was located inside the fertilizer building near the west end. Agricultural chemical equipment storage/parking areas were located on the north and south sides of the fertilizer building. A water fill area is located west of the former fertilizer building with a shallow water supply well that remains operational.

A service garage used for vehicle and equipment maintenance remains on-site and is located east of the fertilizer building slab. Inspection documents indicate the maintenance garage was used to wash and maintain equipment. A trench floor drain is present in the west end of the garage. The trench drain is connected to an approximately 500-gallon UST of unknown age. It is unknown if the UST was ever cleaned out or removed. Interviews note the garage was extensively used as a degreasing area for all facility operations. A former employee stated that used parts degreaser was regularly dumped onto the ground near the steam north of the garage. Discolored soils were reported north and south of the garage. Due diligence efforts conducted during property transfer indicate the discolored soils remain.

Records note the presence of a 500-gallon fuel oil above ground storage tank at the facility used to heat the garage and a 1,000-gallon gasoline UST used to fill large trucks. Both tanks remain on site and were installed in the 1960s.

2. Statement of Problems, Opportunities, and Existing Conditions

1. **Identified Off-Site Soil Vapor Risk.** Sampling results from a limited off-site soil vapor investigation had detections of TCE in two locations; a sub-slab sample from the residence located in the northeast quadrant of Block 7 and soil gas sample from between residences located on the eastern half of block 5. The sub-slab sample from the home in Block 7 had a TCE detection of 100 µg/m^3 which is approximately 48x the TCE ISV and 16x the TCE EISV. The condition of the basement at this location is unknown. The sample from Block 5 had a TCE detection of 115 µg/m^3 which is approximately 55x the TCE ISV and 18x the TCE EISV. It is known that there is a pregnant woman currently living in the home on Block 7 where the sub-slab sample was taken. According to the VI BMP guidance the presence of a pregnant woman at a location where there is confirmed TCE vapor concentrations that exceeds 33x the ISV but less then 33x the EISV, may require expedited mitigation. There are two soil gas sampling locations that had non-detectable TCE concentrations. Both were located north of the stream in Block 3.

2. **Identified Off-Site Ground Water Risk.** A limited groundwater investigation was completed to the west, downgradient of the site. Groundwater samples were obtained from a combination of temporary push points and residential private wells. Three water samples were taken from Block 5, two from private wells and one from a temporary groundwater sampling point. All three samples had detectable concentrations of TCE. Both residential private well samples had TCE concentrations that exceed the HRL of 0.4 µg/l, the sample from the residence located in the northwest quadrant at 20 µg/l and the residence just south at 6 µg/l. Four water samples were taken from the eastern edge of Block 7, two from private wells and two from temporary monitoring wells. The sample results from two of the locations, a private well and temporary well located in the southeast quadrant of block 7 were non-detect for TCE. The other two samples had detectable concentrations of TCE. The private well sample from the residence in northeast quadrant of block 7 exceeded the HRL for TCE with a concentration of 5 µg/l.
3. **On-Site Investigation.** The on-site investigation, with the exception of under the maintenance building, was limited, however several potential sources of VOC's, agricultural chemicals and petroleum were noted.

a. **The Maintenance Building.** An investigation confirmed that there were elevated TCE concentrations in soil, soil vapor and ground water beneath the building.
b. **Storage tanks.** Three storage tanks, two underground and one above ground, were near the maintenance building. One UST was used for gasoline storage and the other received wastes from a trench drain located in the maintenance building. The AST contained fuel oil used to heat the building.
c. **Stained Soils.** Stained soil indicating a surface release were found north of the fertilizer building and garage and beneath the heating oil AST.
d. **Site Operations.** Several potential source areas were identified through interviews with former employees and investigation of site historical use. These include;
    i. Pesticide mixer/blender located at the west end of the fertilizer building.
    ii. Agricultural chemical equipment storage/parking area located on the north and south sides of the fertilizer building.
    iii. Used parts degreaser was poured onto the ground near the stream

Goals, Objectives, Tasks, and Subtasks

1. **Objective 1**:

The first and most critical objective for the initial corrective action is to sever the completed receptor pathways identified by the limited off-site investigation. These include:

1. The residence located in the northeast quadrant of block 7 is the home of a woman who is currently pregnant and considered a sensitive receptor. Two routes of TCE exposure have been identified in this home. A sub-slab vapor sample with TCE concentrations above 33X ISV but below 33X EISV with the condition of the basement unknown and private well water that is impacted above the HRL. Given the potential harm from continued TCE exposure, relocating the pregnant woman from her residence is indicated. To sever the pathway of exposure in this residence to will require installation of a sub-slab depressurization system and a GAC point of entry treatment (POET) system for the water well.
2. Two additional potable water wells have TCE above the Minnesota HRL. POET systems will be installed on these wells concurrently as with the above.

   The vapor sample from Block 5 had a TCE concentration 55x the ISV. It is likely that sub slab samples from the residences to the north and south of this sample location would exceed 33x the TCE ISV. It is likely that sub slab depressurization will be required at these locations and will be initiated concurrently with the above actions.

Task A: Work with the MPCA and the pregnant woman to relocate her and any other sensitive persons located in Blocks 5 and 7, until systems are in place to sever exposure to TCE from both vapor intrusion and impacted private wells.

Task B: Fast track development of a remedial action plan to sever the known and suspected vapor intrusion and groundwater ingestion pathways identified in blocks 5 and 7. The plan would follow the standards as outlined in the MPCA "Best management practices for vapor investigation and building mitigation systems" (BMP) document and will include evaluating the integrity of each residences' basements and methods to install sub slab depressurization systems to sever the TCE vapor intrusion pathway. The VI evaluation and VI mitigation system design will be according to the Pre-Mitigation Diagnostic Checklist (Attachment A) for each of the affected residences. Concurrently, each residence will be evaluated to determine if installation of a point of entry treatment (POET) GAC system to remove VOC's prior to entering the home will be necessary.

Task C. Finalize design, procure and install sub slab depressurization systems as required in the residences located within the AOC for Vapor intrusion with priority to those with confirmed sub slab concentrations above 33x ISV and/or those with compromised basements or with identified vapor intrusion pathways. The installation of the mitigation system will be according to the BMP document and a Post Mitigation Checklist (Attachment B) will be completed for each affected residence. Upon installation and start-up of each system a Post-Mitigation Diagnostic Checklist (Attachment C) and Post-Mitigation Confirmation Sampling Checklist (Attachment D) will be completed. Concurrently install POET systems consisting of two GAC filters in series on each of the drinking water wells within the TCE plume.

Objective 1 Timeline: Objective 1 will be completed as quickly as possible. Sensitive persons that are in any of the residences where TCE exposure is confirmed should be relocated as soon as arrangements can be made to avoid continued exposure to TCE. Development of the Corrective Action workplan should be completed within one week with

the objective of installing needed systems, both POETS and sub-slab depressurization within weeks of obtaining approvals from the MPCA and property owners.

Objective 1 Deliverables: The deliverables for this objective include

- Design documentation for each of the homes with POETS installed
- Pre and Post POET potable well sampling results for each affected residence.
- Completed Pre-Mitigation Diagnostic Checklist for each affected residence
- Completed Active Mitigation System Installation Checklist for each affected residence
- Completed Post Mitigation Diagnostic Checklist for each affected residence
- Completed Post-Mitigation Confirmation Checklist for each affected residence.
- Vapor Intrusion Property Summary Reports

Objective 2: The limited onsite investigation identified 3 tanks that remain on the site. These tanks may be acting as continuing sources of contaminants to both soil and groundwater. Removal of the tanks concurrently with additional site investigation would limit additional contaminant mass from entering the environment and remove heavily impacted source area soils.

Task A: Remove the AST and two UST's that remain on the site.

Subtask 1: Evaluate the contents of each of the remaining tanks. Pump out and dispose of any fluids remaining in each of the tanks.
Subtask 2: Develop a tank removal plan including a soil management plan for over excavating to remove and dispose of impacted soil surrounding the tank for MPCA approval
Subtask 3: Complete a UST removal report for submission to the MPCA

Objective 2 Timeline: The tank removals will be completed within the first 12 months. The Corrective Action Plan would be completed in the first quarter and the tank removal completed upon approval of the workplan by the MPCA.

Objective 2 Deliverables:
The Objective 2 deliverables will include a UST Removal Workplan, UST Removal RFP and Post Excavation Report following MPCA Guidance Document 3-02.

Objective 3: The limited investigation completed on-site to date identified several contaminants of concern that will likely need to be addressed to move the site to closure. These include TCE, nitrate, metolachlor, dicamba, and, though not yet identified, the site is likely impacted with petroleum hydrocarbons. Active remediation will likely be required to eliminate the risks posed by the contaminants to the downgradient receptors.

Task A: Develop a site conceptual model once the remedial investigation is complete. Evaluate the impacted media, contaminants of concern and potential open pathways. This information would be used to develop a Focused Feasibility Report outlining potential remedial technologies. Among the technologies that would be explored include one or a combination of the following.

1. Hot spot excavation and soil disposal.
2. In-situ chemical oxidation
3. Anaerobic reductive dichlorination
4. Injection or barriers of zero valent iron.

Task B: Upon completion of the Focused Feasibility Study the next step would be to select a technology or technologies to pilot test. These technologies and the information required to evaluate their efficacy would be outlined in a Pilot Test Workplan that would be submitted to the MPCA for approval.

Task C Completion of the onsite pilot testing of the technology or technologies and completion of a Pilot Test Report.

Objective 3 Timeline: The Focused Feasibility Report would be started upon completion of the site RI and development of a site conceptual model. The Pilot Test Workplan would be completed upon MPCA approval of the Feasibility Report. The Pilot Test Report would be completed upon completion of all the approved technology pilot tests.

Objective 3 Deliverables:
The deliverables for this objective will include a Focused Feasibility Report, Pilot Test Work Plan and Pilot Test Report.

ATTACHMENT D

STATE OF MINNESOTA
AFFIDAVIT OF NONCOLLUSION

I swear (or affirm) under the penalty of perjury:

1. That I am the Responder (if the Responder is an individual), a partner in the company (if the Responder is a partnership), or an officer or employee of the responding corporation having authority to sign on its behalf (if the Responder is a corporation);

2. That the attached proposal submitted in response to the MPCA Remediation Master Contract Request for Proposals has been arrived at by the Responder independently and has been submitted without collusion with and without any agreement, understanding or planned common course of action with, any other Responder of materials, supplies, equipment or services described in the Request for Proposal, designed to limit fair and open competition;

3. That the contents of the proposal have not been communicated by the Responder or its employees or agents to any person not an employee or agent of the Responder and will not be communicated to any such persons prior to the official opening of the proposals; and

4. That I am fully informed regarding the accuracy of the statements made in this affidavit.

Responder's Firm Name: Widseth Smith Nolting

Authorized Representative (Please Print) Brian Ross

Authorized Signature: Brian G. Ross

Date: 04-06-18

Subscribed and sworn to me this 6th day of April, 2018

Notary Public Signature: Lori Williamson

My commission expires: Jan. 31, 2020

LORI WILLIAMSON
NOTARY PUBLIC-MINNESOTA
My Comm. Exp. Jan. 31, 2020

ATTACHMENT E
STATE OF MINNESOTA – WORKFORCE CERTIFICATE INFORMATION

Required by state law for ALL bids or proposals that could exceed $100,000

Complete this form and return it with your bid or proposal. The State of Minnesota is under no obligation to delay proceeding with a contract until a company becomes compliant with the Workforce Certification requirements in Minn. Stat. §363A.36.

BOX A – MINNESOTA COMPANIES **that have employed more than 40 full-time employees within this state on any single working day during the previous 12 months, check one option below:**

☒ Attached is our current Workforce Certificate issued by the Minnesota Department of Human Rights (MDHR).

☐ Attached is confirmation that MDHR received our application for a Minnesota Workforce Certificate on _____ (date).

BOX B – NON-MINNESOTA COMPANIES **that have employed more than 40 full-time employees on a single working day during the previous 12 months in the state where it has its primary place of business, check one option below:**

☐ Attached is our current Workforce Certificate issued by MDHR.

☐ We certify we are in compliance with federal affirmative action requirements. Upon notification of contract award, you must send your federal or municipal certificate to MDHR at compliance.MDHR@state.mn.us. If you are unable to send either certificate, MDHR may contact you to request evidence of federal compliance. The inability to provide sufficient documentation may prohibit contract execution.

BOX C – EXEMPT COMPANIES **that have not employed more than 40 full-time employees on a single working day in any state during the previous 12 months, check option below if applicable:**

☐ We attest we are exempt. If our company is awarded a contract, we will submit to MDHR within 5 business days after the contract is fully signed, the names of our employees during the previous 12 months, the date of separation, if applicable, and the state in which the persons were employed. Send to compliance.MDHR@state.mn.us.

By signing this statement, you certify that the information provided is accurate and that you are authorized to sign on behalf of your company.

Name of Company: Widseth Smith Nolting Date 04-11-18

Authorized Signature: Brian A. Ross Telephone number: 218.316.3628

Printed Name: Brian Ross Title: VP, Director of Environmental Services

For assistance with this form, contact:

Minnesota Department of Human Rights, Compliance Services

Web: http://mn.gov/mdhr/ TC Metro: 651-539-1095 Toll Free: 800-657-3704

Email: compliance.mdhr@state.mn.us TTY: 651-296-1283

Minnesota Department of
HUMAN RIGHTS

CERTIFICATE OF COMPLIANCE

WIDSETH SMITH NOLTING & ASSOCIATES is hereby certified as a contractor by the Minnesota Department of Human Rights. This certificate is valid from 5/8/2015 to 5/7/2019.

This certification is subject to revocation or suspension prior to its expiration if the department issues a finding of noncompliance or if your organization fails to make a good faith effort to implement its affirmative action plan.

Minnesota Department of Human Rights

FOR THE DEPARTMENT BY:

Kevin M. Lindsey, Commissioner

ATTACHMENT F

CERTIFICATION REGARDING LOBBYING

For State of Minnesota Contracts and Grants over $100,000

The undersigned certifies, to the best of his or her knowledge and belief that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, A Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, Disclosure Form to Report Lobbying in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

Widseth Smith Nolting
Organization Name

Brian Ross, VP, Director of Environmental Services
Name and Title of Official Signing for Organization

By: 
Signature of Official

04-11-18
Date

ATTACHMENT G

State of Minnesota – Equal Pay Certificate

If your response could be in excess of $500,000, please complete and submit this form with your submission. **It is your sole responsibility to provide the information requested and when necessary to obtain an Equal Pay Certificate (Equal Pay Certificate) from the Minnesota Department of Human Rights (MDHR) prior to contract execution. You must supply this document with your submission.** Please contact MDHR with questions at: 651-539-1095 (metro), 1-800-657-3704 (toll free), 711 or 1-800-627-3529 (MN Relay) or at compliance.MDHR@state.mn.us.

Option A – If you have employed 40 or more full-time employees on any single working day during the previous 12 months in Minnesota or the state where you have your primary place of business, please check the applicable box below:

☒ Attached is our current MDHR Equal Pay Certificate.

☐ Attached is MDHR's confirmation of our Equal Pay Certificate application.

Option B – If you have not employed 40 or more full-time employees on any single working day during the previous 12 months in Minnesota or the state where you have your primary place of business, please check the box below.

☐ We are exempt. We agree that if we are selected we will submit to MDHR within five (5) business days of final contract execution, the names of our employees during the previous 12 months, date of separation if applicable, and the state in which the persons were employed. Documentation should be sent to compliance.MDHR@state.mn.us.

The State of Minnesota reserves the right to request additional information from you. **If you are unable to check any of the preceding boxes, please contact MDHR to avoid a determination that a contract with your organization cannot be executed.**

Your signature certifies that you are authorized to make the representations, the information provided is accurate, the State of Minnesota can rely upon the information provided, and the State of Minnesota may take action to suspend or revoke any agreement with you for any false information provided.

Brian Ross	VP, Director of Environmental Services
Authorized Signature — Printed Name	Title
Widseth Smith Nolting — 41-1243629	04-11-18
Organization — MN/FED Tax ID#	Date

Issuing Entity — Project # or Lease Address

Minnesota Department of
HUMAN RIGHTS

CERTIFICATE OF EQUAL PAY

WIDSETH SMITH NOLTING & ASSOC., INC. is hereby awarded a Certificate of Equal Pay by the Minnesota Department of Human Rights. This certificate is valid from October 8, 2014 to October 7, 2018.

This certification is subject to revocation or suspension prior to its expiration if the Department issues a finding of noncompliance.

Minnesota Department of Human Rights

FOR THE DEPARTMENT BY:

Kevin M. Lindsey, Commissioner

ATTACHMENT H
STATE OF MINNESOTA
RESIDENT VENDOR FORM

In accordance with Laws of Minnesota 2013, Chapter 142, Article 3, Section 16, amending Minn. Stat. § 16C.02, subd. 13, a "Resident Vendor" means a person, firm, or corporation that:

(1) is authorized to conduct business in the state of Minnesota on the date a solicitation for a contract is first advertised or announced. It includes a foreign corporation duly authorized to engage in business in Minnesota;
(2) has paid unemployment taxes or income taxes in this state during the 12 calendar months immediately preceding submission of the bid or proposal for which any preference is sought;
(3) has a business address in the state; and
(4) has affirmatively claimed that status in the bid or proposal submission.

To receive recognition as a Minnesota Resident Vendor ("Resident Vendor"), your company must meet each element of the statutory definition above by the solicitation opening date and time. If you wish to affirmatively claim Resident Vendor status, you should do so by submitting this form with your bid or proposal.

Resident Vendor status may be considered for purposes of resolving tied low bids or the application of a reciprocal preference.

I HEREBY CERTIFY THAT THE COMPANY LISTED BELOW:

1. Is authorized to conduct business in the State of Minnesota on the date a solicitation for a contract is first advertised or announced. *(This includes a foreign corporation duly authorized to engage in business in Minnesota.)*
   X **Yes** ___ **No (must check yes or no)**

2. Has paid unemployment taxes or income taxes in the State of Minnesota during the 12 calendar months immediately preceding submission of the bid or proposal for which any preference is sought.
   X **Yes** ___ **No (must check yes or no)**

3. Has a business address in the State of Minnesota.
   X **Yes** ___ **No (must check yes or no)**

4. Agrees to submit documentation, if requested, as part of the bid or proposal process, to verify compliance with the above statutory requirements.
   X **Yes** ___ **No (must check yes or no)**

BY SIGNING BELOW, you are certifying your compliance with the requirements set forth herein and claiming Resident Vendor status in your bid or proposal submission.

Name of Company: Widseth Smith Nolting Date: 04-11-18

Authorized Signature: Brian G. Ross Telephone: 218.316.3628

Printed Name: Brian Ross Title: VP, Director of Environmental Services

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IF YOU ARE CLAIMING RESIDENT VENDOR STATUS, SIGN AND RETURN THIS FORM WITH YOUR BID OR PROPOSA SUBMISSION.

Event Details

Event ID	Format	Type	Page
R3201-2000008034	Sell	RFx	1
Event Round	**Version**		
1	1		
Event Name			
MPCA PT RFP Remediation Master Contract			
Start Time		**Finish Time**	
02/28/2018 08:00:00		04/11/2018 14:00:00	

Event Currency: US Dollar
Bids allowed in other currency: No

Bid Number: 1
Bid Date: 04/11/2018 12:43:06
Total Bid Amount: 0.00

WIDSETH SMITH NOLTING & B
7804 INDUSTRIAL PARK RD
PO BOX 2720
BAXTER MN 56425-2720
United States

Submit To:
520 LAFAYETTE RD N
ST PAUL MN 55155-4194
United States

Contact: Heininger,Mary
Phone: 651/757-2418

Email: Contracts.pca@state.mn.us

Event Description

Questions and Answers - MPCA PT RFP Remediation Master Contract - March 19, 2018

Addendum 1 - MPCA PT RFP Remediation Master Contract - March 19, 2018

The Minnesota Pollution Control Agency ("MPCA" or "State") and the Minnesota Department of Agriculture ("MDA" or "State") request proposals from qualified experienced environmental contractors (Contractors) to perform environmental investigations and other response actions at sites throughout Minnesota. The State seeks multiple Contractors to provide environmental services, including risk assessments, sampling, investigations, feasibility studies, removal and response actions, remedial design, response action oversight, and long-term operation and maintenance activities statewide. The Scope of Services is divided into three Categories of Service:

- Category A – Petroleum, Superfund, MDA, Closed Landfill Program Environmental Services
- Category B - Petroleum Environmental Services
- Category C - Closed Landfill Program Environmental Services

Refer to attached RFP for additional information.

Proposals due: April 11, 2018
Questions due: March 12, 2018

The RFP and attachments are at the header level. Cost attachment not applicable.

Please note that the link to add or view comments throughout the solicitation is called ' Click here to add or view comments and/or documents related to this line.

VENDORS - DO NOT CLICK THE "NO BID" BOX.

General Comments

- Questions and Answers - Uploaded March 19, 2018

  Addendum 1 - Uploaded March 19, 2018

  See attached RFP and attachments for further details and application instructions.

  ATTENTION PROPOSERS - Attach your proposal and attachments in the Event Header location.

Event Details (cont.)

Event ID	Format	Type	Page
R3201-2000008034	Sell	RFx	2
Event Round	**Version**		
1	1		
Event Name			
MPCA PT RFP Remediation Master Contract			
Start Time		**Finish Time**	
02/28/2018 08:00:00		04/11/2018 14:00:00	

Event Currency: US Dollar
Bids allowed in other currency: No

Bid Number: 1
Bid Date: 04/11/2018 12:43:06
Total Bid Amount: 0.00

WIDSETH SMITH NOLTING & B
7804 INDUSTRIAL PARK RD
PO BOX 2720
BAXTER MN 56425-2720
United States

Submit To:
520 LAFAYETTE RD N
ST PAUL MN 55155-4194
United States

Contact: Heininger,Mary
Phone: 651/757-2418

Email: Contracts.pca@state.mn.us

Line Details

N

Line: 1 **Item ID:** **Line Qty:** 1.00 **UOM:** EACH **Bid Qty:** 1

Reserve Price: No

Description: not applicable - costs included in RFP
Comments:
- Attention Proposers: Your proposal and all attachments should be submitted in the Event Header location

Question	Response
What is the price per unit?	0

Response Comments

MINNESOTA POLLUTION CONTROL AGENCY

520 Lafayette Road North
St. Paul, MN 55155-4194

REQUEST FOR PROPOSAL (RFP) ADDENDUM

Addendum No.: 1 Date of Addendum: March 19, 2018

Due Date, Time: April 11, 2018, 2:00 PM

Title: MPCA PT RFP – REMEDIATION MASTER

SCOPE OF ADDENDUM

The Request For Proposal (RFP) is revised as follows with additions underlined, and deletions are ~~struck out~~:

Revision 1. RFP Section 2: Project Goals, Page 3, is amended as follows:

The total amount of money available for work under this Master Contract is approximately ~~$120,000,000.00 (One Hundred Twenty Million Dollars)~~ $420,000,000.00 (Four Hundred Twenty Million Dollars) for five years between all Master Contracts issued under this RFP. No payments will be made except for work authorized by a Work Order that is issued from the State. No minimum payment is guaranteed by the State.

Revision 2. RFP Attachment C. Sample Contract, Page 2, Clause 4.1 Consideration. is amended as follows:

4.1 Consideration. The State will pay for all services satisfactorily performed by the Contractor for all Work Order Contracts issued under this Master Contract. The total compensation of all Work Orders may not exceed ~~**$120,000,000.00 (One Hundred Twenty Million Dollars)**~~ **$420,000,000.00 (Four Hundred Twenty Million Dollars)** for five (5) years between all Master Contracts

Revision 3. RFP Section 7. Proposal Content, Category A: Petroleum, Superfund, MDA, and Closed Landfill Program Environmental Services, A.3, Page 31, is amended as follows:

Provide a detailed description of the company's experience as it relates to the scope of services outlined in this RFP; specifically, describe the company's experience with each of the bullets listed in **Section ~~4~~ 3** of this RFP. The Proposal shall contain the following additional details specific to Category A services:

- A summary of Proposer's experience with agricultural chemical investigation and cleanups.
- A list of remediation technologies with which the Proposer has experience.
- Provide a detailed description of the company's experience as it relates to the scope of services outlined in this RFP for Category A.

Revision 4. RFP Section 3: Scope of Services, Page 3, is amended as follows:

The Contractor shall submit a separate proposal for each Category of Service for which the Contactor would like to be considered. Proposals will be evaluated individually for each Category of Service for which they were submitted. Category B is a subset of Category A. If the Contractor submits Proposals for both Category A and Category B, Category A will be evaluated first for qualification. If the Contractor is not approved for Category A, they will then be evaluated for Category B. Category C will be evaluated individually. Contractors can submit Proposals for all three Categories if desired.

Should a Contractor be approved and selected for more than one Categories, the Contractor will receive only one Master Contract containing all the approved and selected Categories.

Joint ventures and teaming among groups of Contractors is not allowed.

Revision 5. RFP, Attachment C Sample Contract, Clause 38. C. Additional Insurance Conditions, Bullet #5, Page 21, is amended as follows:

- Contractor's policy(ies) shall include legal defense fees in addition to its liability policy limits, with the exception of ~~B.4~~ Professional/Technical, Errors and Omissions, and/or Miscellaneous Liability Insurance above;

Revision 6. RFP, Section 4. Personnel Classifications and Qualifications, Category C: Closed Landfill Program, Project Manager Qualifications,Second Bullet, Page 23, is amended as follows:

- Minimum of three years experience working with landfill, investigation and closure. ~~Minnesota Guidance and Policy with the Superfund/ Petroleum programs. https://www.pca.state.mn.us/waste/cleanup-guidance~~

Revision 7. RFP, Section 6. Supplies and Equipment Pricing, EQUIPMENT RATES, Pages 28 and 29, and RFP, Attachment C, Sample Contract, EQUIPMENT RATES, Pages 5,6,7, is amended as follows:

Equipment	Cost (per day)
Turbidity Meter	$52.00
Oxidation-reduction potential (ORP) Meter	$39.00
~~Hydrolab Quanta~~	~~$80.00~~
Dissolved Oxygen Meter	$46.00
Temperature, pH, conductivity, ORP meter	$68.00
Temperature, pH, conductivity	$35.00
~~YSI Multi Meter w/ Flow Cell~~	~~$117.00~~
Flow Cell	$77.00
Water Quality Meter (6 parameters)	$102.00
2" Trash Pump	~~$189~~75..00
Bladder pump	$118.00
Submersible Pump	$52.00
Peristaltic Pump	$43.00
Diaphram Pump	$53.00
Mechanical Pump Puller	$44.00
Water Level Indicator	$27.00
Hydrocarbon/Water Interface Probe	$55.00
Pump/Slug Testing Equipment	$110.00
Manual direct-push probe equip.	$165.00
X-ray Fluorescent (XRF) for Soil and Lead Paint	$468.00
Nuclear Density Gauge	$69.00
Multi Gas Meter (02/CO/LEL/Methane)	$123.00
O2/Combustible Gas Detector	$110.00

LEL/O2/CO2 Gas Meter	$66.00
LEL/O2Gas Meter	$55.00
Explosimeter	$52.00
Photoionization Detector (PID) 10.6	$99.00
Photoionization Detector (PID) 11.7	$138.00
Flame Ionization Detector (OVA)	$135.00
Velometer / Anemometer	$34.00
Micro Manometer	$64.00
Sound Level Meter	$53.00
Dust Meter	$70.00
Air Compressor	$54.00
Metal/Cable Detector	$47.00
Generator	$65.00
Sump Pump	$33.00
Pressure Washer	$69.00
Magnetometer	$151.00
Coreing Machine with Drill Bits	$110.00
Surveying Equipment - Rotary Laser	$104.00
GPS (Submeter)	$122.00
Laser Level/Lenker Rod	$127.00
Ground Penetrating Radar (GPR)	$426.00
EM-31 Ground Conductivity Meter	$440.00
EM-61 Ground Conductivity Meter	$688.00
55 gal Drums	$70.00
Sub-Slab Soil Gas Sampling Point Insert	$88.00
Screen for Soil Gas Monitoring Points	$51.00
Vapor Pin Installation Kit (per point)	$60.00
Lumex Mercury Monitoring	$187.00
Mercury Analyzer	$179.00
Canoe	$15.68
Boat (includes motor and trailer)	$58.24
ATV **(Hourly Rate)**	$16.80

Revision 8. RFP, Section 7. Proposal Content, Category B. Petroleum Only Remdiation Environmental Services B.5., Scenario 1: Petroleum Only Environmental Services, Page 39, is amended as follows:

5. **Scenario ~~1~~ B: Petroleum Only Environmental Services**

   Scenario ~~1~~B:

Revision 9. RFP, Section 6. Supplies and Equipment Pricing, Item cc., Page 27 and RFP, Attachment C, Sample Contract, Clause 8, Page 5, is amended as follows:

ac. Tubing less than $100.00

Revision 10. RFP, Section 7. Proposal Content, 5. Scenario A., Page 33, is amended as follows:

The property owner conducted a limited investigation consisting of several push probes throughout the facility and adjacent property. This investigation identified chlorinated ethenes (most notably trichloroethylene [TCE]) and agricultural chemicals (nitrogen, dicamba, metolachlor, metribuzin, pendimethalin, and triclopyr) in soils and groundwater above agency-regulated cleanup goals. General geology was noted to generally consist of coarse grained sands with thin lenses of silt and clay. The investigation encountered shallow groundwater approximately 6-10 feet bgs, with an assumed flow direction heading into town. All groundwater samples (blue GW samples) were collected at 30 feet for domestic wells, and 15 feet for investigation borings. The investigation did not evaluate the stream.

A single round of vapor points were also advanced off-site as part of the property owner's investigation, with some of the detections exceeding the 33X ISV for TCE (Figure 1). Vapor samples (orange vapor samples) were collected above the water table. MPCA is aware there is a pregnant person at the property with the sub-slab point. A passive soil-gas sample collected in the vehicle/equipment maintenance garage was several orders of magnitude above screening criteria; however, additional characterization nor remediation occurred in the building by the property owner.

Revision 11. RFP, Section 7., Proposal Content, Category A..; Scenario A, 2nd Paragraph, Page 32, is amended as follows:

The site topography is mostly flat, however the elevation does dip downward toward a small stream running through the northern portion of the property. This stream continues into the town which is located in the west adjoining property (see Figure 1). Older portions of the town (situated closer to the former ag-chem plant) are on private well drinking water (blocks 3, 5, and 7) that are 30 feet deep. Newer portions of the town (farther from the former plant) are on community water from the local municipality (blocks 1, 2, 4, and 6).

Revision 12. RFP, Section 7., Proposal Content, Category B. #5. Scenario 1: Petroleum Only Environmental Sercices, 5th Paragraph , Page 39, is amended as follows:

Municipal services are available in the area; however, the lakeside homes are all on private wells. The wells are 80 feet deep. The fueling station is hooked up to municipal water and other utilities at the site include storm sewer, sanitary sewer, and water that run along main street.

This addendum shall become part of the RFP and MUST be returned with the RFP Response.

RESPONDER NAME: Brian Ross

TITLE: VP, Director of Environmental Services

DATE: 04-11-18

Event Details (cont.)

Event ID	Format	Type	Page
R3201-2000008034	Sell	RFx	3
Event Round	**Version**		
1	1		
Event Name			
MPCA PT RFP Remediation Master Contract			
Start Time		**Finish Time**	
02/28/2018 08:00:00		04/11/2018 14:00:00	

Event Currency: US Dollar
Bids allowed in other currency: No

Bid Number: 1
Bid Date: 04/11/2018 12:43:06
Total Bid Amount: 0.00

WIDSETH SMITH NOLTING & B
7804 INDUSTRIAL PARK RD
PO BOX 2720
BAXTER MN 56425-2720
United States

Submit To:

520 LAFAYETTE RD N
ST PAUL MN 55155-4194
United States

Contact: Heininger,Mary
Phone: 651/757-2418

Email: Contracts.pca@state.mn.us

Bidder Information

Firm Name:

Name: **Signature:** **Date:**

Phone #: **Fax #:**

Street Address:

City & State: **Zip Code:**

Email:

Event Details (cont.)

Event ID	Format	Type	Page
R3201-2000008034	Sell	RFx	4
Event Round	**Version**		
1	1		
Event Name			
MPCA PT RFP Remediation Master Contract			
Start Time		**Finish Time**	
02/28/2018 08:00:00		04/11/2018 14:00:00	

Event Currency: US Dollar
Bids allowed in other currency: No

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United States

Contact: Heininger,Mary
Phone: 651/757-2418

Email: Contracts.pca@state.mn.us

Appendix A - Line Specifications

Line: 1 **Item ID:** **Line Qty:** 1 **UOM:** EACH
Description: not applicable - costs included in RFP

Item Specifications

Manufacturer:
Mfg Item ID:
Item Length: 0
Item Width: 0
Item Volume: 0
Item Weight: 0
Item Size:
Item Height: 0
Dimension UOM:
Volume UOM:
Weight UOM:
Item Color:

Shipping Information

Schedule: 1
Quantity: 1
Due Date: 04/11/2018
Freight Terms:
Ship Via:

Ship To: MPCA REMEDIATION DIVISION
520 LAFAYETTE RD N
ST PAUL MN 55155-4194
United States

Event Details (cont.)

Event ID	Format	Type	Page
R3201-2000008034	Sell	RFx	5
Event Round	**Version**		
1	1		
Event Name			
MPCA PT RFP Remediation Master Contract			
Start Time		**Finish Time**	
02/28/2018 08:00:00		04/11/2018 14:00:00	

Event Currency: US Dollar
Bids allowed in other currency: No

Bid Number: 1
Bid Date: 04/11/2018 12:43:06
Total Bid Amount: 0.00

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United States

Submit To:

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United States
Contact: Heininger,Mary
Phone: 651/757-2418

Email: Contracts.pca@state.mn.us

Appendix B - General Terms & Conditions

1. Please see attached RFP for General Terms and Conditions.

Last Updated: 11/06/2012

Event Details (cont.)

Event ID	Format	Type	Page
R3201-2000008034	Sell	RFx	6
Event Round	**Version**		
1	1		
Event Name			
MPCA PT RFP Remediation Master Contract			
Start Time		**Finish Time**	
02/28/2018 08:00:00		04/11/2018 14:00:00	

Event Currency: US Dollar
Bids allowed in other currency: No

Bid Number: 1
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Contact: Heininger,Mary
Phone: 651/757-2418

Email: Contracts.pca@state.mn.us

Appendix C - Bid Responses

Bid Comment

WSN Attachments A and B are included with each of the three Technical Proposals

Line Items

Line: 1 **Item ID:** **Line Qty:** 1 **UOM:** EACH **Bid Qty:** 1
Total Line Bid Amount: 0
Description: not applicable - costs included in RFP

Question	Response
What is the price per unit?	0